

2025-2026

www.arfen.eu

www.arfen.com



We Build Solutions



GENERAL PRODUCTS CATALOGUE



We Produce For World!

transition and elevation difference profiles
rubber & TPE wall and corner guard system
wall and corner protection systems
star nosing profiles
tangible surfaces tactile paving fire and water barriers
elastic PVC skirtings
glass rail systems
mechanic facade systems
stainless steel protection systems
movement joint profiles
shrinkage and crack control joint products
PVC + wooden + aluminium composite deck systems
waterslag and coping systems
aluminium louvres and solar shading systems
ceramic, terrazo and drywall profiles
aluminium & PVC skirting profiles
expansion joint profiles
arfen adjustable door frames
entrance mat system



Arfen Köprü Yapı Teknolojileri Ltd. Şti. / İZMİT



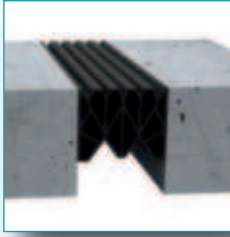
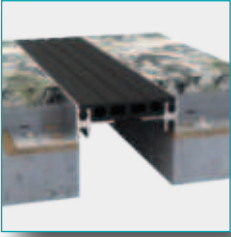
Arfen İnşaat A.Ş. / İSTANBUL



Arfen Alüminyum A.Ş. / TEKİRDAĞ

As ARFEN, We've started our journey since 1999. We have three manufacturing factories over two continents in total of 15000 m2 closed area. We produce construction Expansion Joint Profiles, Bridge Expansion Joint Profiles, Wall and Corner Protection systems, Decoration Profiles and Entrance mat systems for our country and the World. ARFEN is able to meet the World standards and requirements of the sector. We are keen and eager on continuously developing and growing with our valuable business partners.

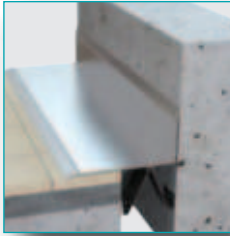
CONTENTS



GASKETED FLOOR, WALL, CEILING PROFILES

Economic Expansion Joint Profiles- suitable for pedestrian load and light vehicle loads.

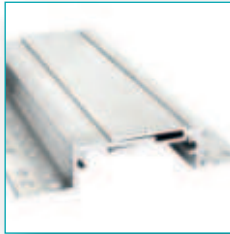
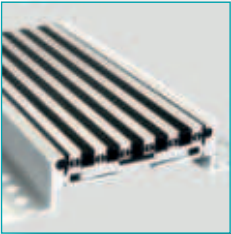
PAGE
07-25



FLOOR, WALL, CEILING COVER PROFILES

One sided screwed or steel spring Expansion Joint Profiles are used in applications for gross concrete walls or ceilings.

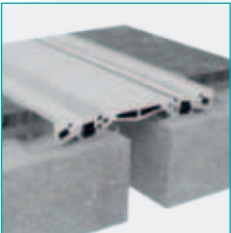
PAGE
26-29



300 SERIES FLOOR, WALL AND CEILING PROFILES

Composition of Aluminium profiles and TPE inserted Expansion Joint Profiles are suitable for shopping centres, light industrial structures, warehouses, hospitals, airports and metro stations. Suitable to places where subjected light to medium vehicle load and intense pedestrian load.

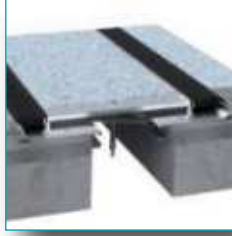
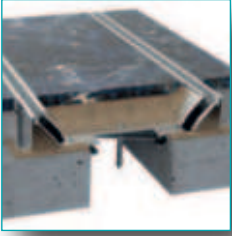
PAGE
30-37



HEAVY DUTY HYGIENIC EXPANSION JOINT PROFILES

ARFEN 700 and 800 series of Expansion Joint Profiles and Sinus type floor profiles are resistant to heavy loads. They are perfectly performed at shopping malls, hospitals, industrial buildings and etc. with their hygienic and decorative structures.

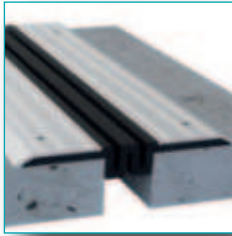
PAGE
38-49



SEISMIC FLOOR, WALL AND CEILING PROFILES

Seismic Expansion Joint Profiles have high movement capacity and can easily be applied to large gaps. Suitable for many types of floor coverings.

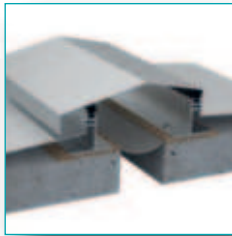
PAGE
50-69



CARPARK EXPANSION JOINT PROFILES

Composition of rubber, steel and aluminium carpark Expansion Joint Profiles are sound dampen (silent) and ideal for carpark projects.

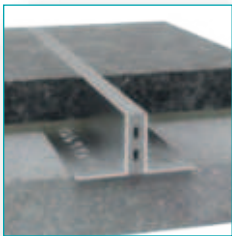
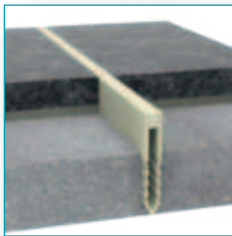
PAGE
70-77



COMPLETE WATERTIGHT EXPANSION JOINT PROFILES

These Expansion Joint Profiles are used in wet areas, terraces and open carparks where subjected to water. They are easily used with isolation materials.

PAGE
78-95



MOVEMENT JOINT PROFILES

Movement joint profiles are designed to avoid cracks in ceramic or granite floors because of expansion due to hot weather. They can be used for both internal and external areas.

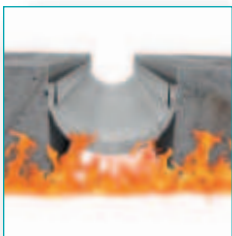
PAGE
96-101



SHRINKAGE AND CRACK CONTROL SLAB JOINT

ARFEN Steel Slab Joint product helps to settle the joint within 7 to 14 days by itself only. It is used as alternative to any extra manual cuttings on slab concrete applications.

PAGE
102-105



FIRE AND WATER BARRIERS

Different type of HYDROFLEX and FIRE BARRIERS designed to stop the water and fire in Expansion Joint Profile areas.

PAGE
106-114



HANDRAIL WALL PROTECTION SYSTEM

ARFEN wall protection systems are used in Hospitals, Clinics and Nursing homes to protect both walls and patients.

PAGE
119-124



HANDRAIL SYSTEMS

ARFEN handrail systems are used in schools, hotels and hospital corridors. In addition, they can also be utilized in disable room and wet areas to hold on to.

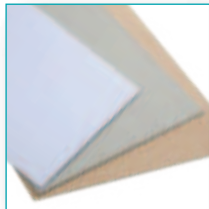
PAGE
125-130



WALL PROTECTION SYSTEM

ARFEN Wall protection bands are used to minimise repairing and maintenance costs on internal walls. These composition of continues aluminium, vinyl cover and middle gasket systems are highly resistant to impacts.

PAGE
131-138



VINYL SHEET SYSTEMS

ARFEN's antibacterial wall protective vinyl sheets are perfect solutions to avoid any maintenance or painting cost due to crashes in service corridors, operation rooms, cool rooms and narrow corridors.

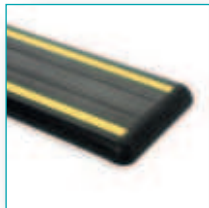
PAGE
139-142



CORNER PROTECTION SYSTEMS

ARFEN's Vinyl Corner Protection Systems are used in every type of structures and wall corners to protect the walls. The composition of continues aluminium and vinyl cover plates can easily be assembled by screw or adhesives (only vinyl cover).

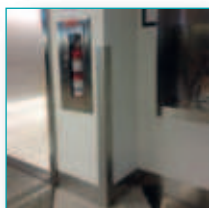
PAGE
143-146



RUBBER & TPE WALL AND CORNER PROTECTION SYSTEMS

TPE based wall and corner protections systems design to resist hard impacts in carparks, service corridors, loading and unloading zones.

PAGE
147-153

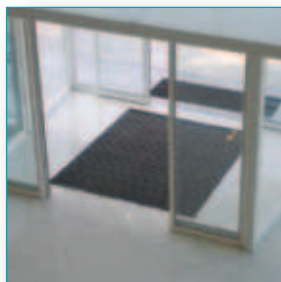
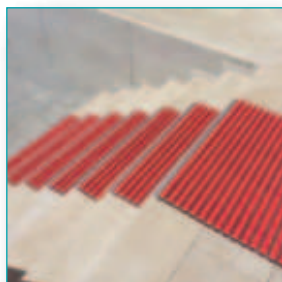


STAINLESS STEEL PROTECTION SYSTEMS

304 or 316 quality Handrails, Wall protection and Corner Protection systems designed according to the required specifications.

PAGE
154-159

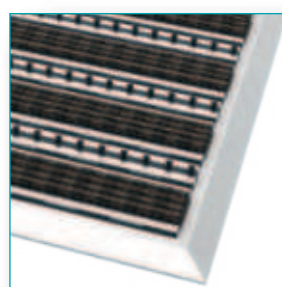
CONTENTS



STANDARD ENTRANCE MAT SYSTEMS

Composition of carpet, rubber, brush, aluminium scraper internal or external entrance mat systems come in 22 mm height.

PAGE
160-165



THIN SERIES ENTRANCE MAT SYSTEMS

Composition of carpet, rubber, brush, aluminium scraper internal or external entrance mat systems come in 12 mm height.

PAGE
166-171



ALUMINIUM AND PVC SKIRTINGS

Decorative and functional skirtings range from 50 mm to 150 mm.

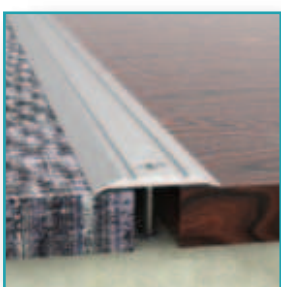
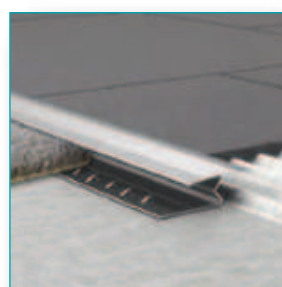
PAGE
172-177



STAIR NOISE PROFILES

Various dimensioned stair noise profiles made from Non-Slip material, Aluminium and PVC.

PAGE
178-183



CARPET AND PARQUET LEVEL ADJUSTING AND TRIM PROFILES

Used in finishes and transition points of parquets, ceramics, granites, marbles, carpets and etc.

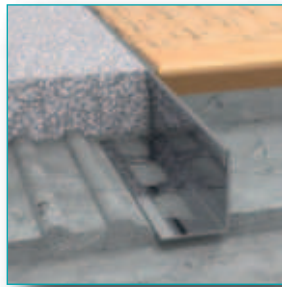
PAGE
184-191



CERAMIC, TERRAZZO AND DRYWALL PROFILES

Ceramic, marble, granite, corner and trim profiles
Bathtub and frame profiles
Terrazzo trim profiles
Drywall trim profiles

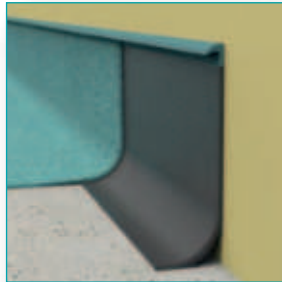
PAGE
192-199



STAINLESS STEEL PROFILES

Stainless steel profiles include ceramic internal and external, skirtings and corner protection profiles.

PAGE
200-203



FLEXIBLE PVC SKIRTINGS

PVC skirtings suitable with PVC floor coverings, additional spaces and stair nose profiles.

PAGE
204-207



TACTILE GROUND SURFACE INDICATORS

TPU or Stainless Steel products designed for visually impaired people to walk safely and used in public places.

PAGE
208-211



ADJUSTABLE DOOR FRAMES AND GRP DOORS.

Decorative and adjustable aluminium door frames with GRP/Compact laminate door wings are the solution for different wall thicknesses.

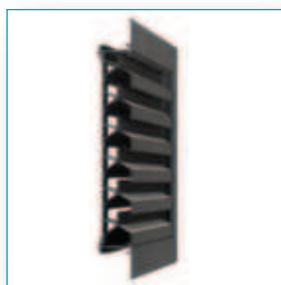
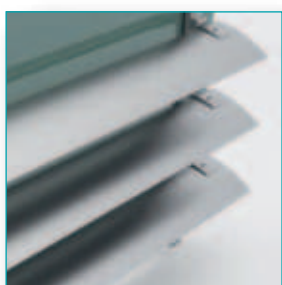
PAGE
212-217



EXTERNAL FACADE SYSTEMS

Composition of Brackets, T profiles, fuga and clips systems designed for facade of ceramic, porcelain and similar type coverings.

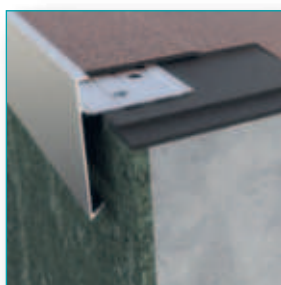
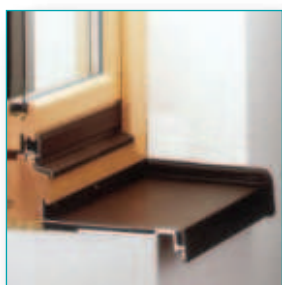
PAGE
218-231



LOUVRES AND SOLAR SHADING

ARFEN's Louvres systems allow high air passing and preventing rain water to go through by its special design. ARFEN's solar shading systems come in different types and dimensions and utilized in facade systems and frontal window spaces.

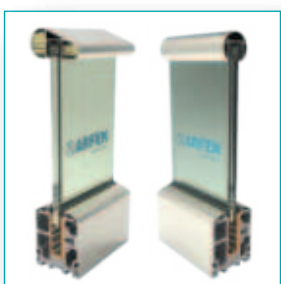
PAGE
232-241



WINDOWSILL AND COPING SYSTEMS

Usable for every type of facade coverings and heat insulation applications.

PAGE
242-249



GLASS RAILING SYSTEMS

Smartbase and Thinbase systems are durable, easy assembled and decorative glass railing systems.

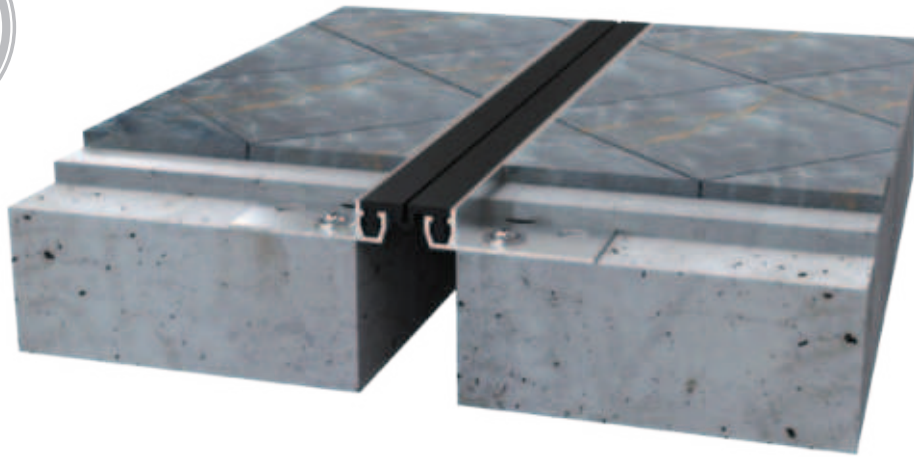
PAGE
250-257



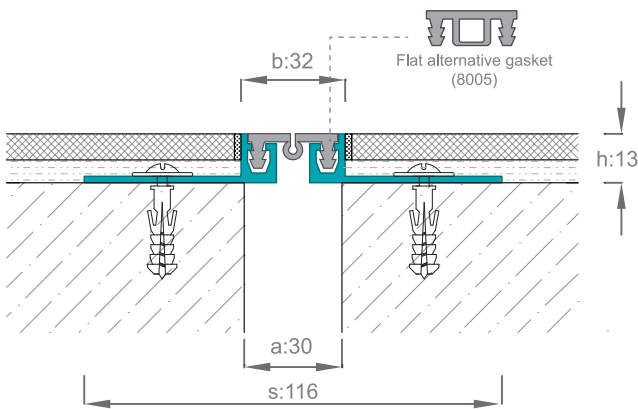
OFFICE PARTITION SYSTEMS

Modular glass partition systems are the easiest way to turn large areas into private rooms, increase the functionality of the spaces, allowing you to reach more bright and transparent modern office environments.

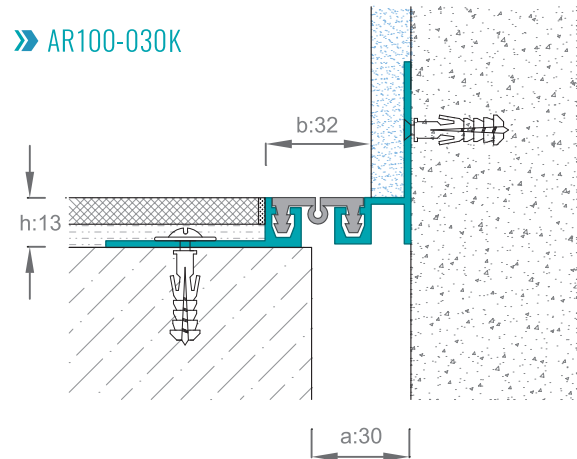
PAGE
258-262



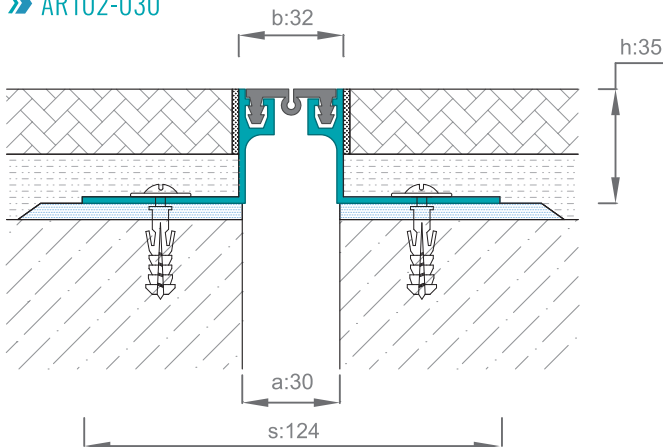
» AR100-030



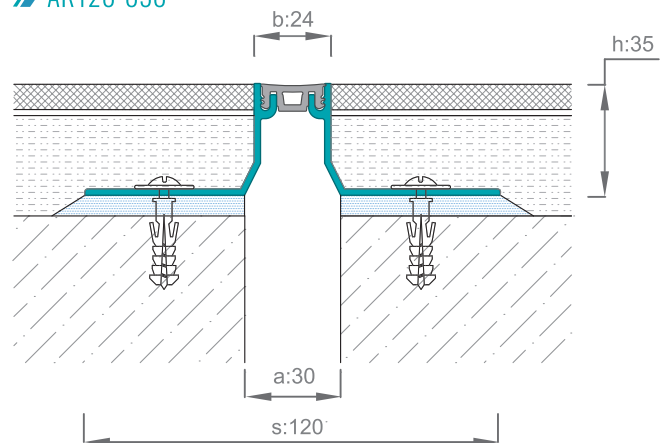
» AR100-030K



» AR102-030



» AR120-030



GASKET COLOURS



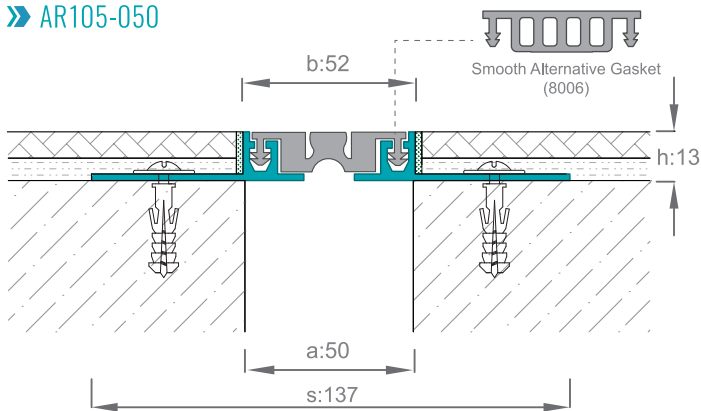
Middle gasketed Under Finish floor Expansion Joint Profiles are suitable for 30 mm gaps. Can be used in different levels of floor coverings such as ceramic, granite, mosaic and screed. Usually applied to pedestrian load and light vehicle load (not intense) areas. (h: 26 mm and above). Mounted to floor from both sides by having 35 cm spacing with appropriate anchors and screws. Smooth gasket alternative should be used in hygienic areas.



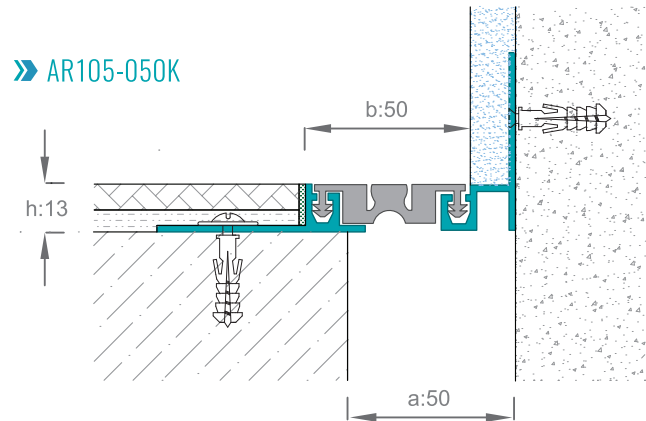
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 100 - 030	Used in Ceramic, Suitable 8-10 mm	30	32	13	116	Mill Finish Alu.+TPE	±10	Pedestrian Load
AR 100 - 031	Used in Ceramic, Suitable 12-14 mm	30	32	20	100	Mill Finish Alu.+TPE	±10	Pedestrian Load
AR 101 - 030	Suitable for Natural Granite, Marble and etc.	30	32	26	116	Mill Finish Alu.+TPE	±10	Pedestrian Load Light
AR 102 - 030	Suitable for Granite, Marble and etc.	30	32	35	124	Mill Finish Alu.+TPE	±10	Pedestrian Load Light
AR 103 - 030	Suitable for Industrial floors, granite and etc.	30	32	50	124	Mill Finish Alu.+TPE	±10	Pedestrian Load Light
AR 120 - 030	Suitable for Ceramic, Marble and etc	30	24	35	120	Mill Finish Alu.+TPE	±5	Pedestrian Load



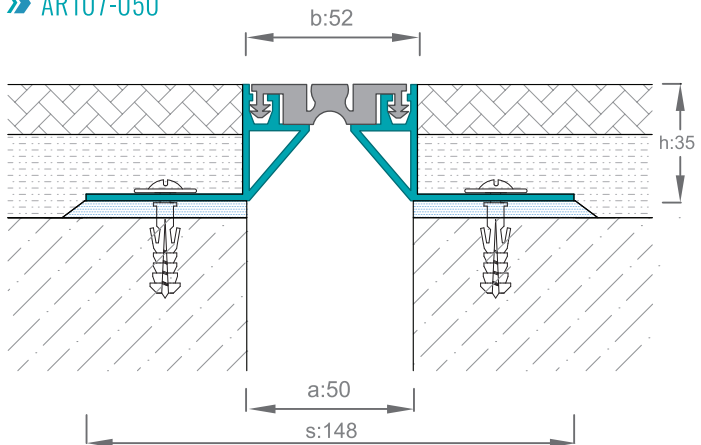
» AR105-050



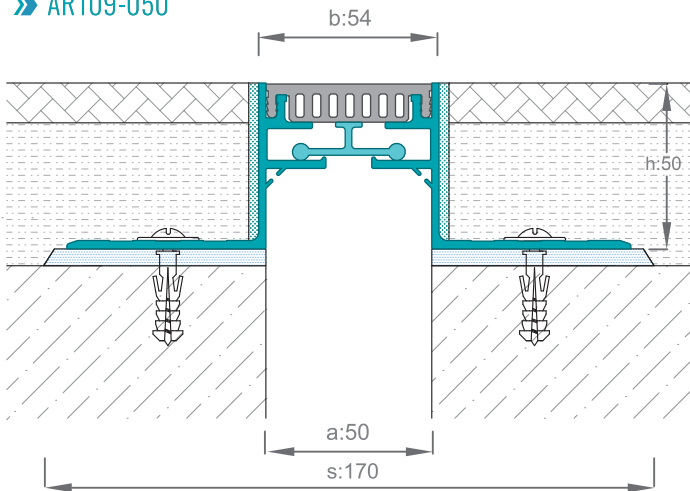
» AR105-050K



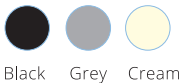
» AR107-050



» AR109-050



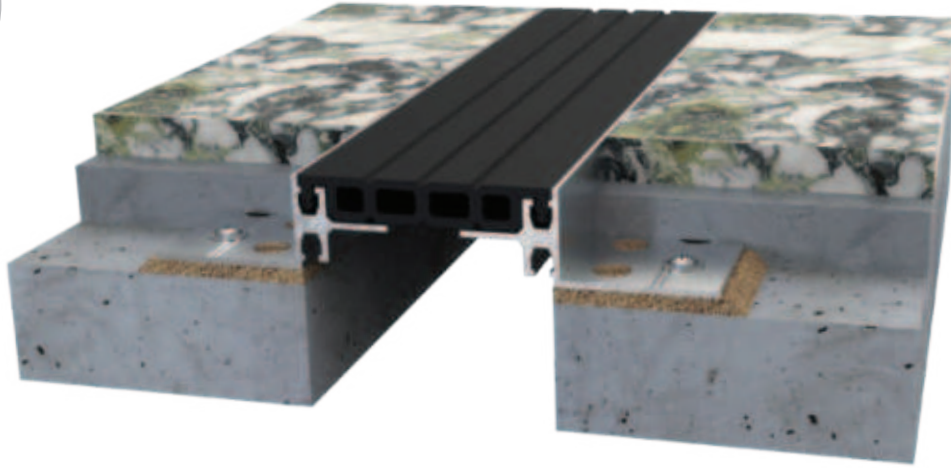
GASKET COLOURS



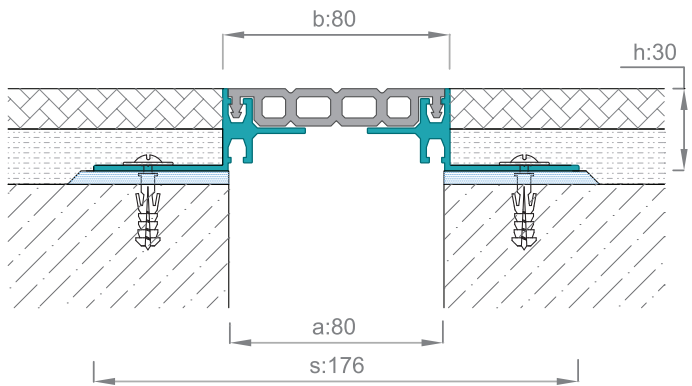
Gasketed Under Finish floor Expansion Joint Profiles are suitable for 50 mm gaps. Can be used in all floor covers at different heights. Smooth gasket alternative is also available. Mounted to floor from both sides by having 35 cm spacing with appropriate anchors and screws.



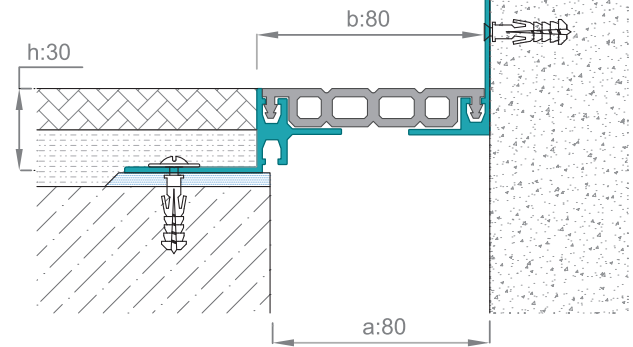
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 105 - 050	Suitable for 8-10 mm Ceramic	50	52	13	137	Mill Finish Alu.+TPE	±10	Pedestrian Load
AR 106 - 050	Suitable for natural granite, marble and etc.	50	52	26	136	Mill Finish Alu.+TPE	±10	25 Ton
AR 107 - 050	Suitable for natural granite, marble, screed and etc.	50	52	35	148	Mill Finish Alu.+TPE	±10	25 Ton 2 Ton
AR 107 - 051	Suitable for natural granite, marble, and etc.(Economic)	50	52	35	134	Mill Finish Alu.+TPE	±10	Pedestrian Load
AR 107 - 052	Suitable with PVC floor coverings	50	60	35	146	Mill Finish Alu.+TPE	±10	25 Ton 2 Ton
AR 107 - 053	Suitable for granite, marble, screed and etc.	50	52	50	148	Mill Finish Alu.+TPE	±10	25 Ton
AR 107 - 054	Suitable for granite, marble, screed and etc.	50	52	50	149	Mill Finish Alu.+TPE	±10	25 Ton 2 Ton
AR 109-050	Suitable for granite, marble, screed and etc.(Flat surface)	50	54	50	170	Mill Finish Alu.+TPE	±10	Pedestrian Load



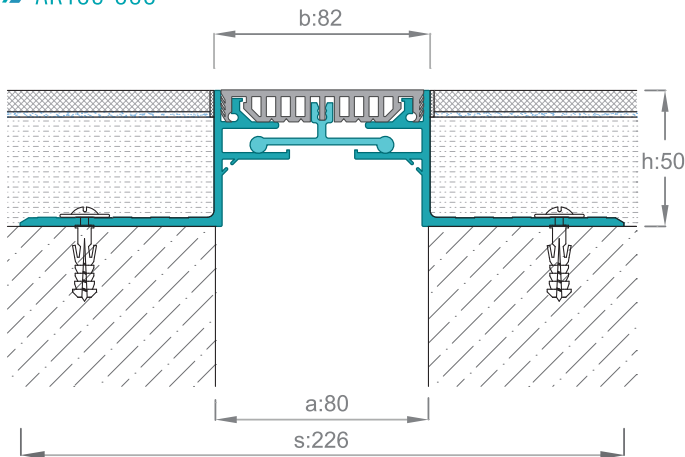
» AR106-080



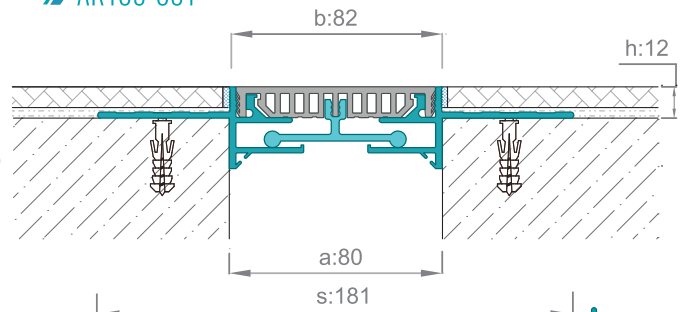
» AR106-080K



» AR109-080



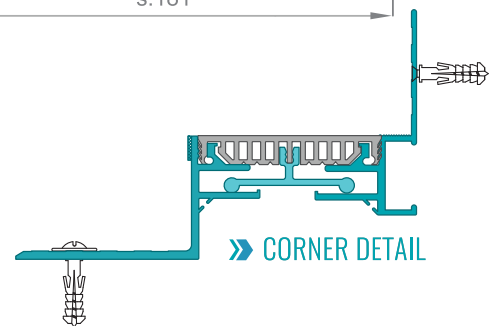
» AR109-081



GASKET COLOURS



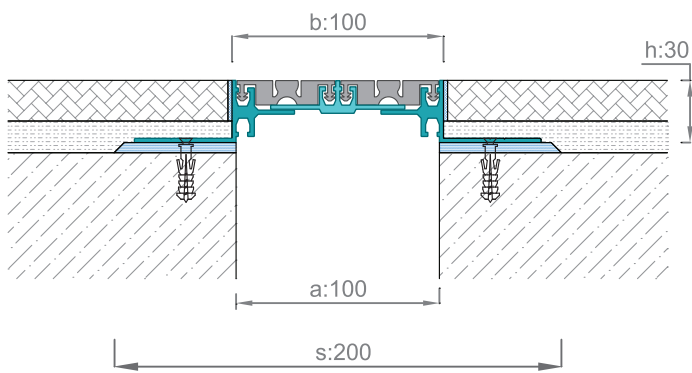
Under finish Expansion Joint Profiles suitable for 80 mm gaps. Utilized in areas where subjected to pedestrian load.



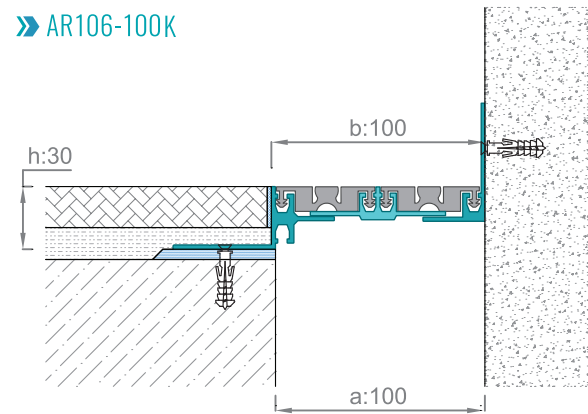
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 106-080	Suitable for Flat top surface, granite, marble and etc	80	80	30	176	Mill Finish Alu.+TPE	±10	Pedestrian Load
AR 109-080	Suitable for decorative, hygienic coverings	80	82	50	226	Mill Finish Alu.+TPE	±10	Pedestrian Load
AR 109-081	Suitable for 8 to 10 mm coverings	80	82	12	181	Mill Finish Alu.+TPE	±10	Pedestrian Load
AR 106-100	Suitable for ceramic, marble and etc.	100	100	30	200	Mill Finish Alu.+TPE	±15	Pedestrian Load
AR 106-101	Suitable for ceramic, marble and etc.	100	100	60	200	Mill Finish Alu.+TPE	±15	Pedestrian Load
AR 734-100	Suitable for open-closed carpark, screed asphalt and etc	100	150	50	240	Mill Finish Alu.+TPE	±50	30 Ton



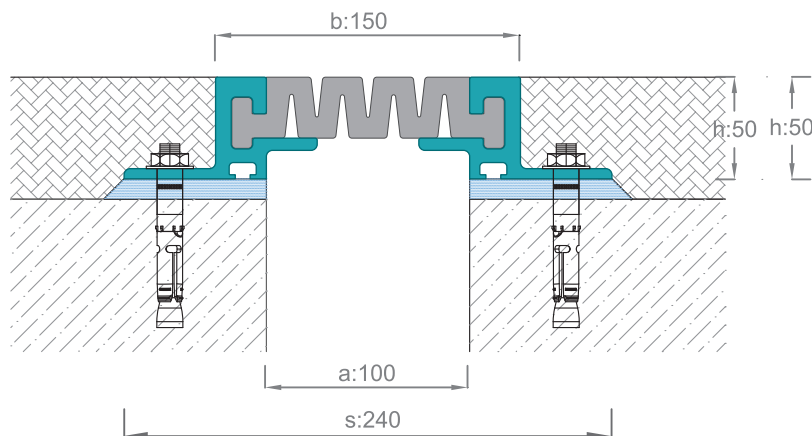
» AR106-100



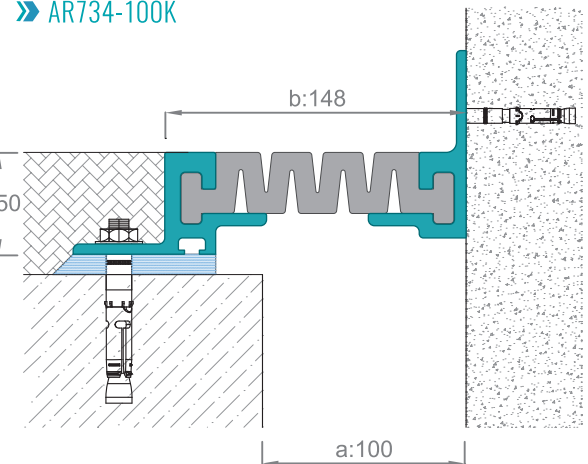
» AR106-100K



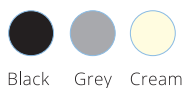
» AR734-100



» AR734-100K

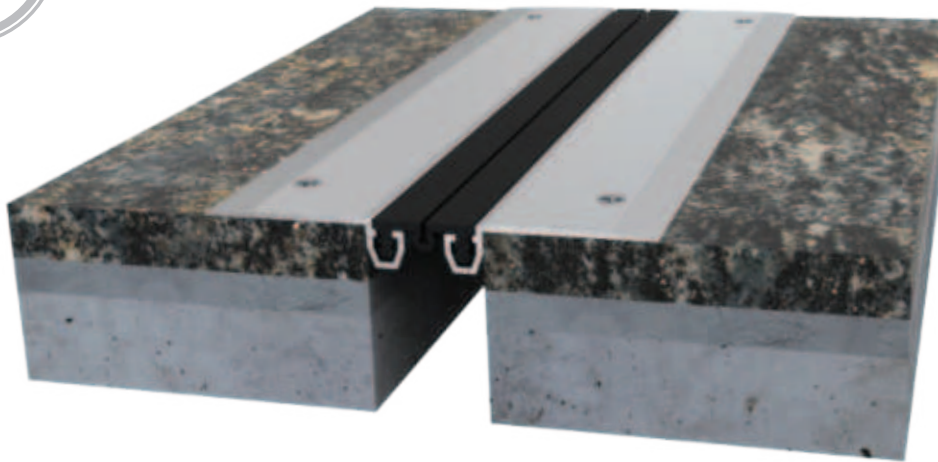


GASKET COLOURS

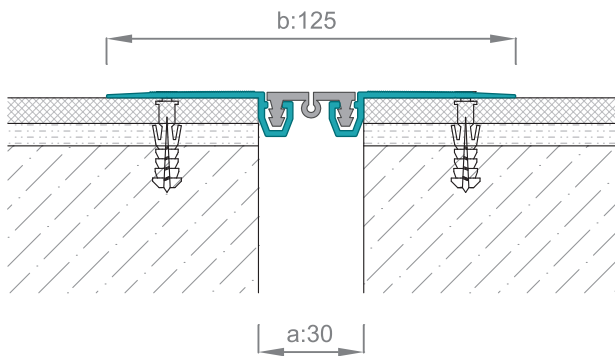


Under finish Expansion Joint Profiles with special gasket are used for 100 mm gap. Usable for different levels in ceramic, granite, mosaic and screed type floor covers. AR-734-100 is suitable for vehicle load. Can also be used in Carpark applications.

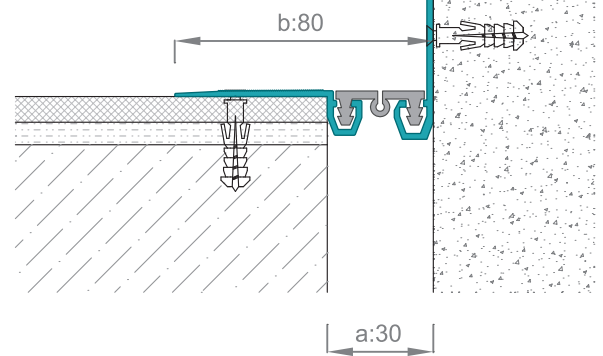




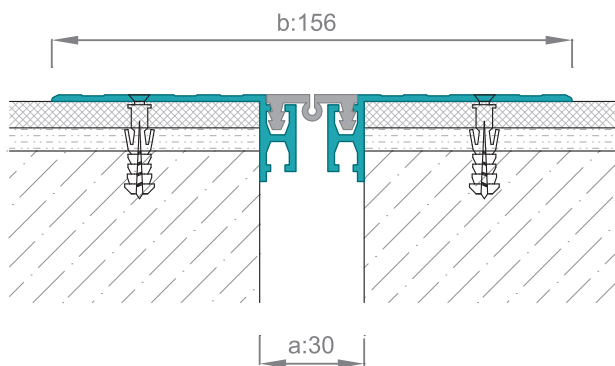
» AR152-030



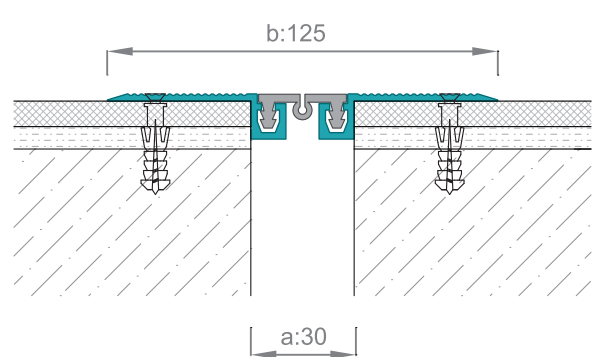
» AR152-030K



» AR150-030



» AR154-030



GASKET COLOURS

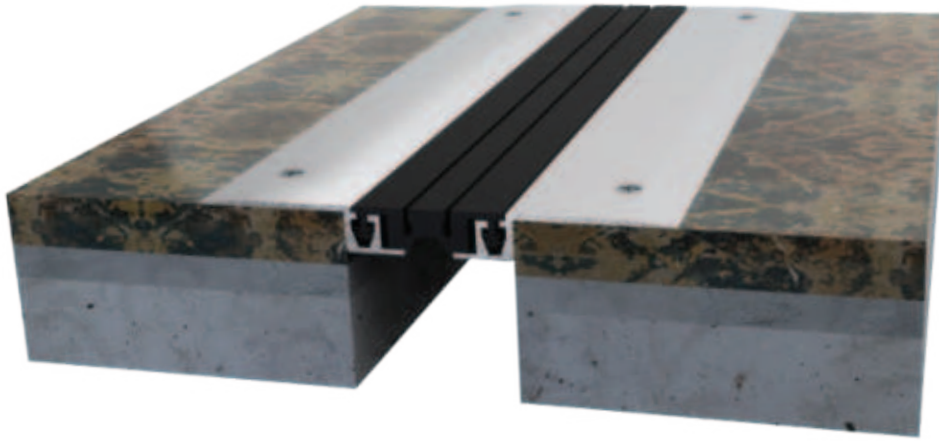


Over finish Expansion Joint Profiles with special gasket are used for 30 mm gap. Mounted to the both sides of the floor with intervals of 35 cm. Generally, suitable for pedestrians and light vehicle load.

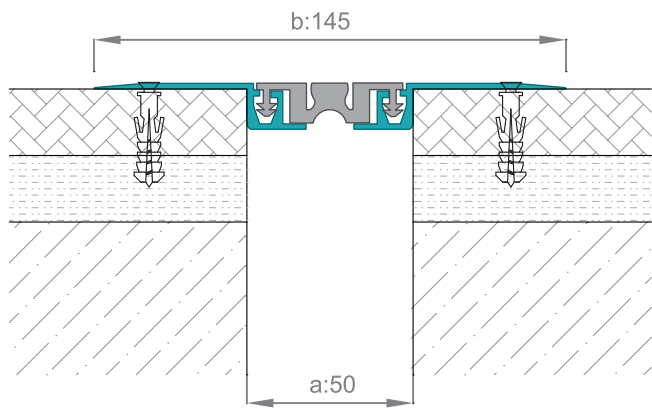
APPLICATIONS



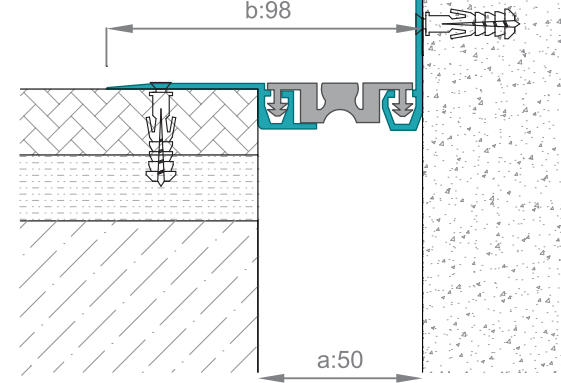
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 150-030	Anodised decorative and wide	30	156	24	156	Anodised Alu.+TPE	±10	Pedestrian Load
AR 152-030	Anodised screw holed, decorative and narrow	30	125	12	125	Anodised Alu.+TPE	±10	Pedestrian Load
AR 154-030	Not anodised floor profile	30	125	12	125	Mill Finish Alu.+TPE	±10	Pedestrian Load



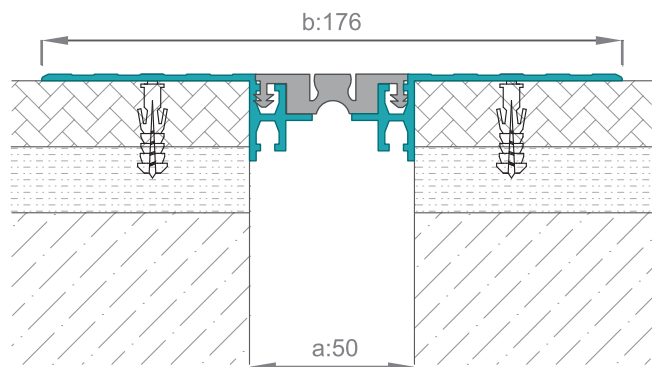
» AR153-050



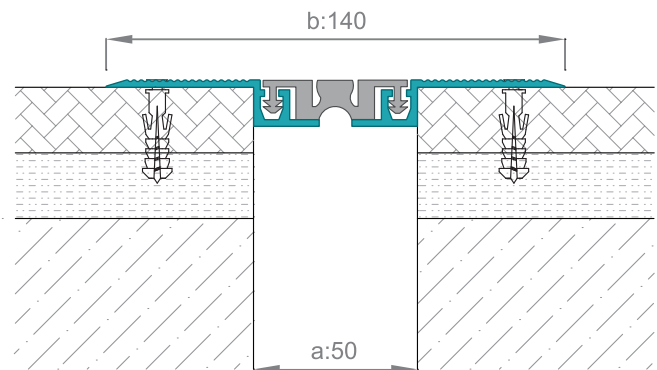
» AR153-050 K



» AR151-050



» AR154-050



GASKET COLOURS



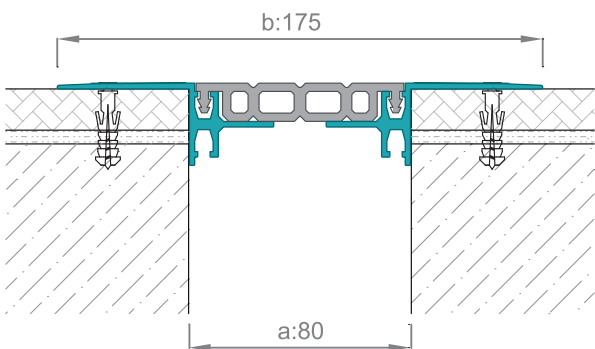
Over finish Expansion Joint Profiles with special gaskets are used for 50 mm gap. Generally, suitable for pedestrians and light vehicle load.



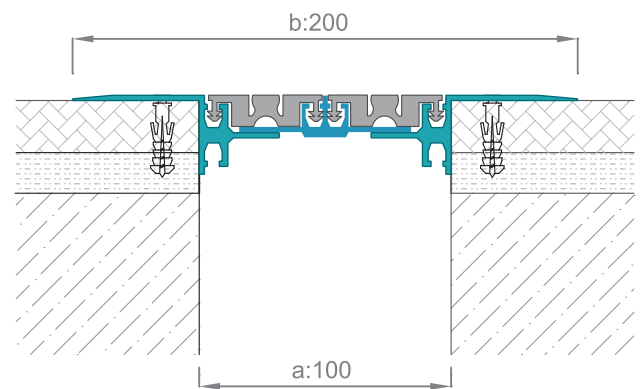
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 151 - 050	Anodised and wide top surfaced.	50	176	24	176	Anodised Alu.+TPE	±10	Pedestrian Load
AR 151 - 051	Anodised and wide top surfaced(Economic)	50	176	12	176	Anodised Alu.+TPE	±10	Pedestrian Load
AR 153 - 050	Anodised, decorative and screw holed.	50	145	12	145	Anodised Alu.+TPE	±10	Pedestrian Load
AR 154 - 050	Not anodised floor profile	50	140	12	140	Mill Finish Alu.+TPE	±10	Pedestrian Load



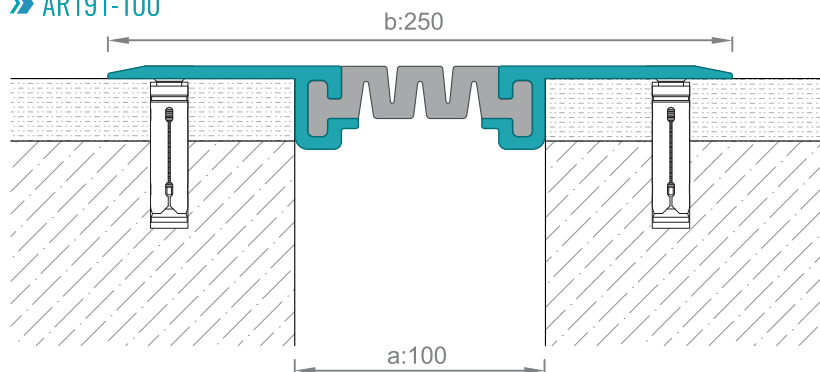
» AR153-080



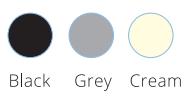
» AR153-100



» AR191-100



GASKET COLOURS



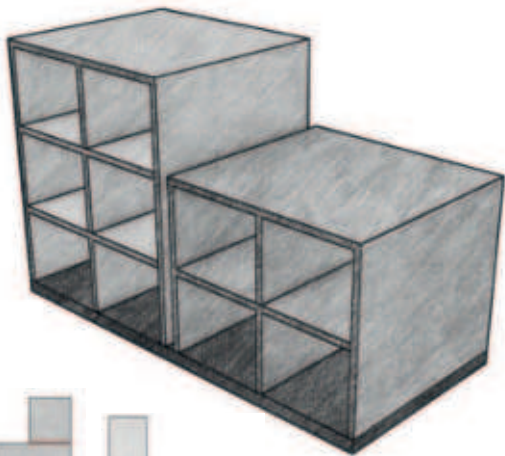
Over finish Expansion Joint Profiles with special gasket are used for 80 mm or 100 mm gap. AR 153-080 and AR 153-100 is more suitable on applications for ceramic, granite and marble floor covers. AR 191-100 is used for Car Park applications for screed and asphalt. Mounted to the floor by both sides with a help of appropriate anchor.

APPLICATIONS

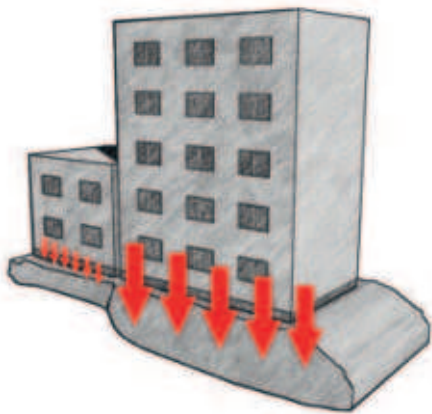


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 153 - 080	Over Finish, Anodised and screw holed	80	175	28	175	Anodised Alu.+TPE	±10	Pedestrian Load
AR 153 - 100	Over Finish, Anodised and screw holed	100	200	28	200	Anodised Alu.+TPE	±15	Pedestrian Load
AR 191 - 100	Special for carpark floor.	100	250	28	250	Mill Finish Alu.+TPE	±25	6 Ton
AR 191 - 150	Special for carpark floor.	150	300	35	300	Mill Finish Alu.+TPE	±50	16 Ton

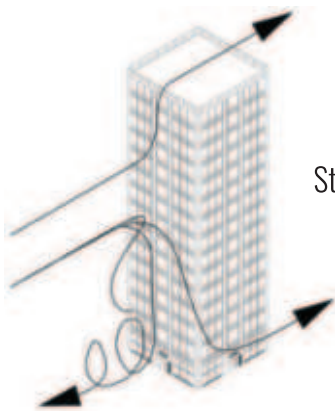
WHY DILATATION HAS BEEN CREATED !



Structures exposed to Thermal expansions.
Horizontally and vertically unsymmetrical structures.

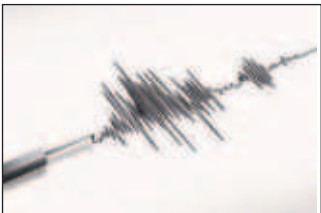


Structures under different floor types and loads.



Structures exposed to wind loads

Earthquake Movements



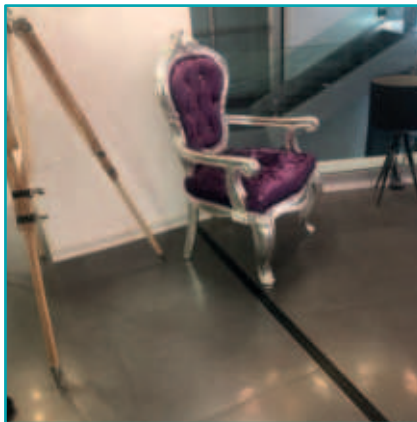
ARFEN APPLICATIONS



AR 107 SERIES



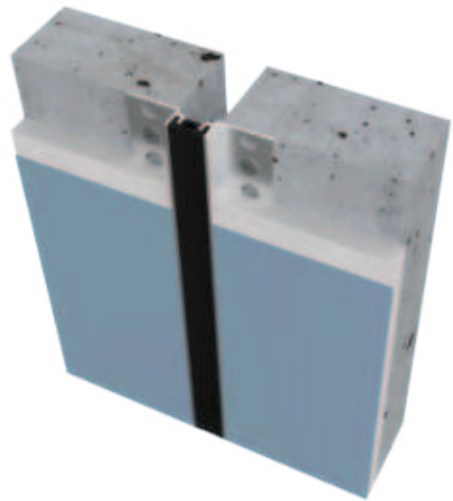
AR 153 SERIES



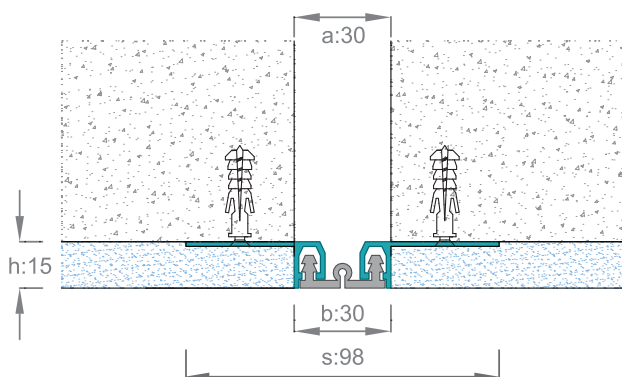
AR 106 SERIES



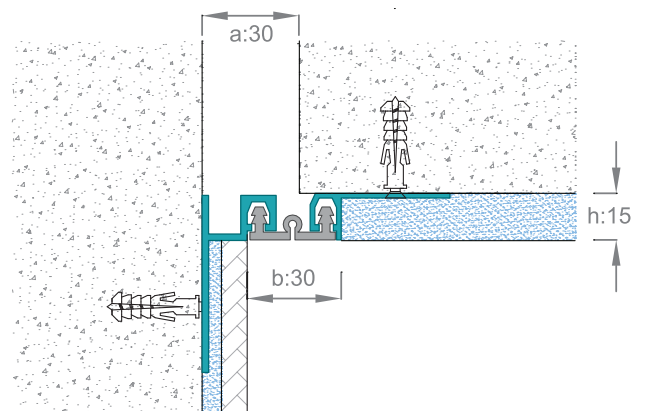
AR 191 SERIES



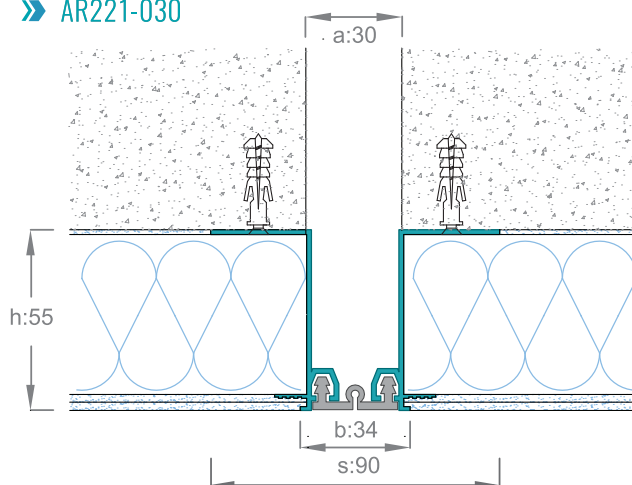
» AR200-030



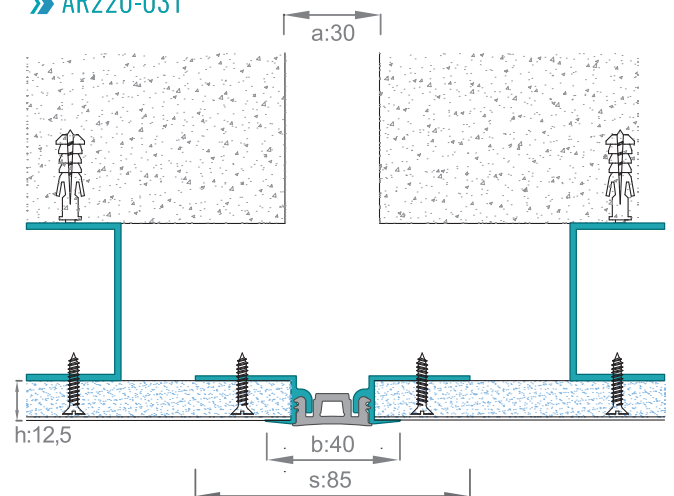
» AR200-030K



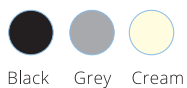
» AR221-030



» AR220-031



GASKET COLOURS

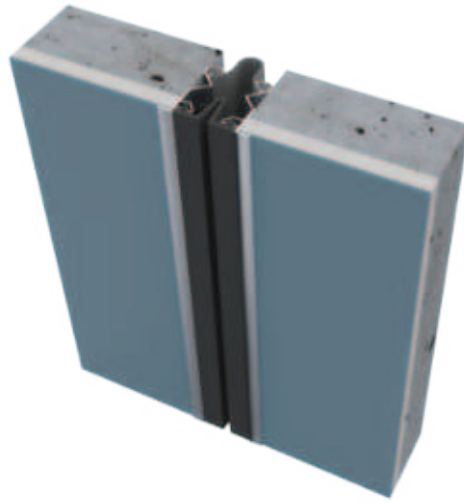
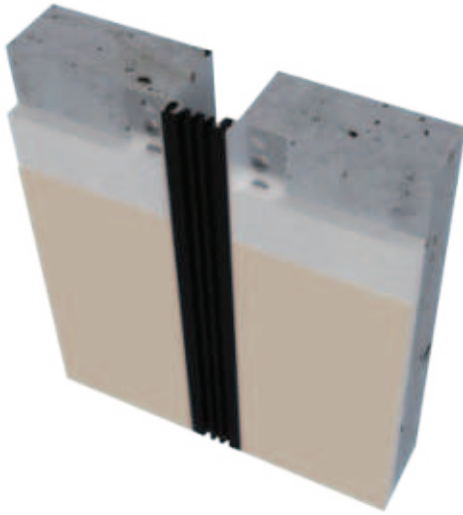


30 mm Wall Expansion Joint Profiles are suitable for small gaps and thermal movements. Gaskets on the Expansion Joint Profiles can be removed and changed easily. These profiles are more compatible with floor profiles. Suitable to plaster, drywall, ceramic and thermal insulation boards with 30 mm insert.

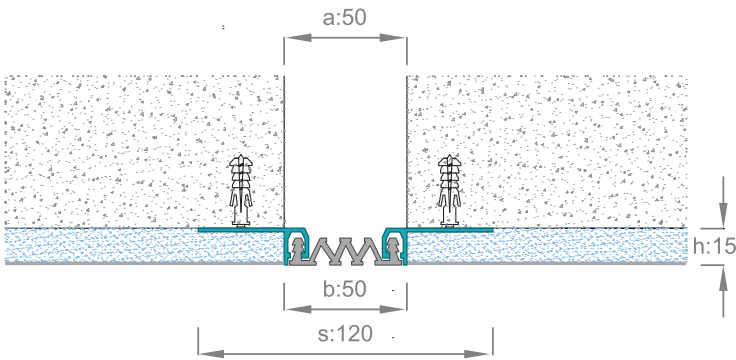


APPLICATIONS

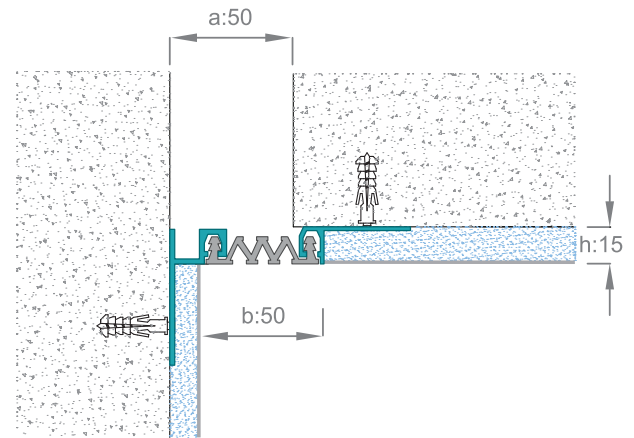
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 200 - 030	Suitable for 12 mm Plaster, Ceramic, Drywall	30	30	15	98	Mill Finish Alu.+TPE	±10
AR 200 - 031	Suitable for 14-18 mm Plaster, Ceramic, Drywall	30	30	20	100	Mill Finish Alu.+TPE	±10
AR 220 - 030	Narrowed gasketed plaster, drywall and etc.	30	24	12,5	90	Mill Finish Alu.+TPE	±5
AR 220 - 031	Suitable to suspended ceiling and anodised profiles for drywall and etc.	30	40	12,5	85	Anodised Alu.+TPE	±5
AR 221 - 030	Suitable to facade and heat insulation materials.	30	34	50+5	90	Mill Finish Alu.+TPE	±10



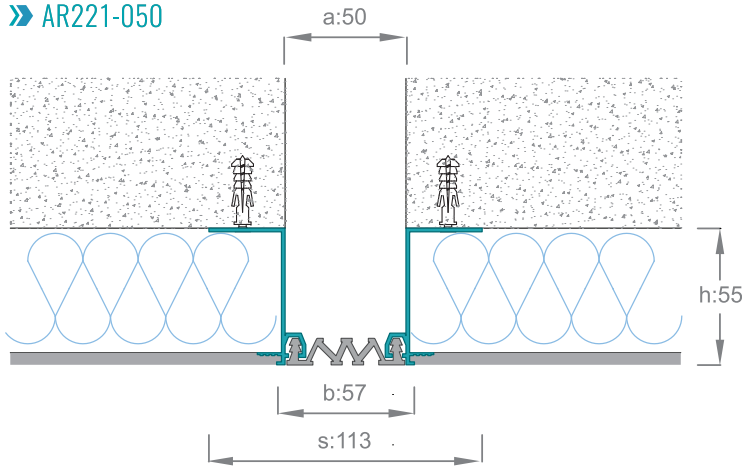
» AR202-050



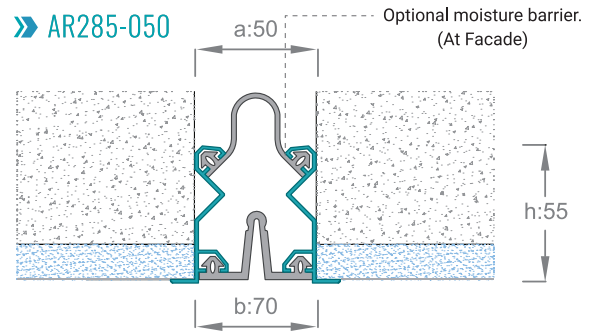
» AR202-050 K



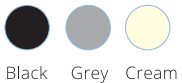
» AR221-050



» AR285-050



GASKET COLOURS

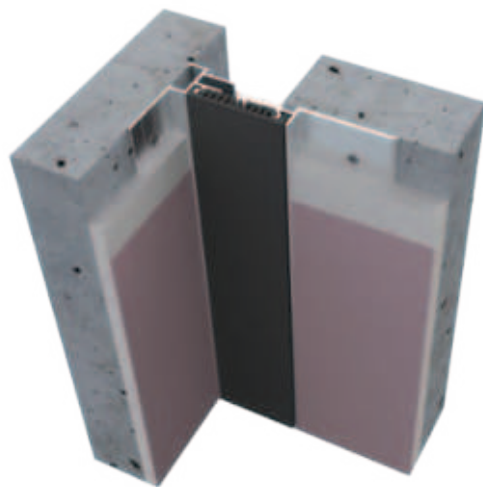
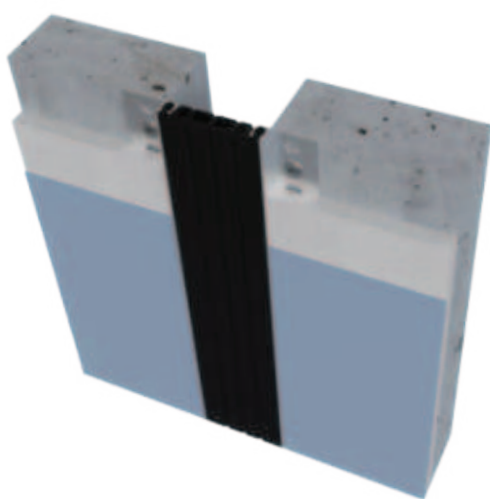


These Expansion Joint profiles suitable for 50 mm gap and used on appropriate plaster, ceramic, drywall and thermal isolation boards. Each design has corner profile option and different foot length.

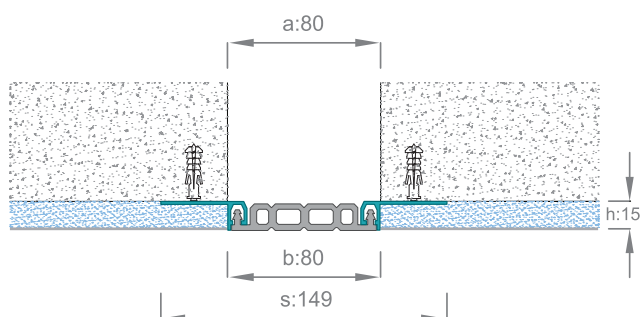
APPLICATIONS



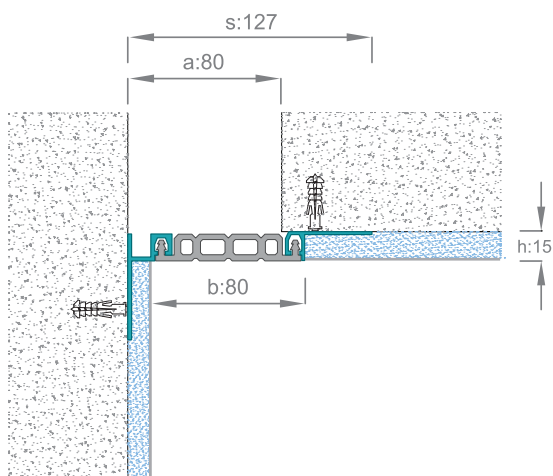
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 202 - 050	Suitable for ceramic, drywall and etc. / wall gasketed	50	50	15	120	Mill Finish Alu.+TPE	±20
AR 202 - 051	Suitable for ceramic, drywall and etc. / floor gasketed	50	50	15	120	Mill Finish Alu.+TPE	±10
AR 203 - 050	Suitable for 14-18mm screed and ceramic	50	50	20	120	Mill Finish Alu.+TPE	±20
AR 221 - 050	Suitable for heat insulations and facade and etc.	50	57	50+5	113	Mill Finish Alu.+TPE	±20
AR 285 - 050	Suitable (Seismic) for internal and facade areas	50	70	55	70	Mill Finish Alu.+TPE	±25



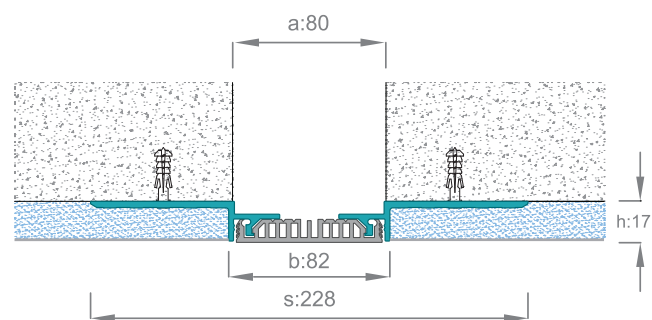
» AR202-080



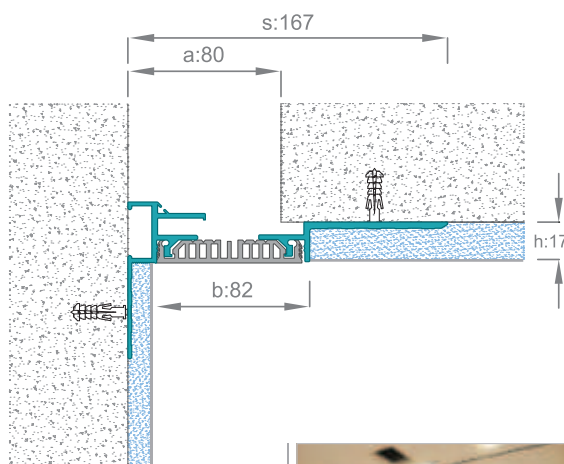
» AR202-080K



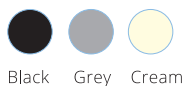
» AR215-080



» AR215-080K



GASKET COLOURS

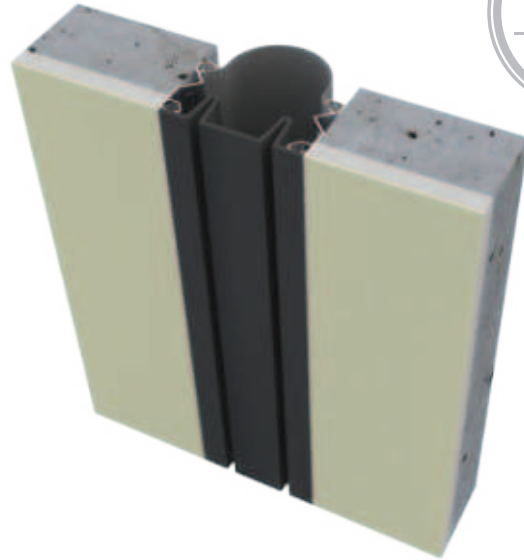
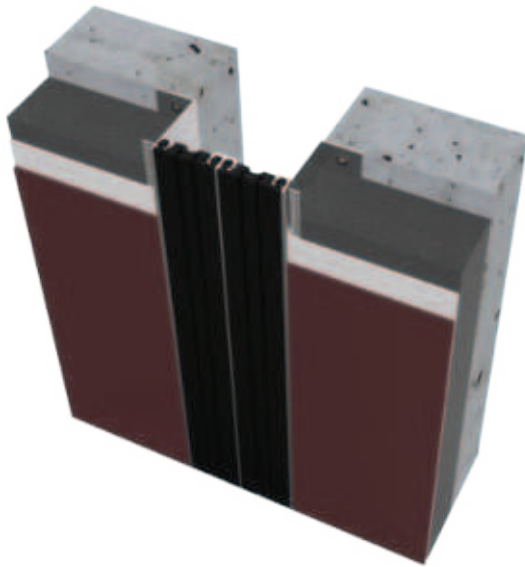


Suitable to similar level flooring covers with elastomeric middle gaskets. (Shown in page 9). Under finish Expansion Joint Profiles used for 80 mm gaps. Recommended for structures where subject to small movements.

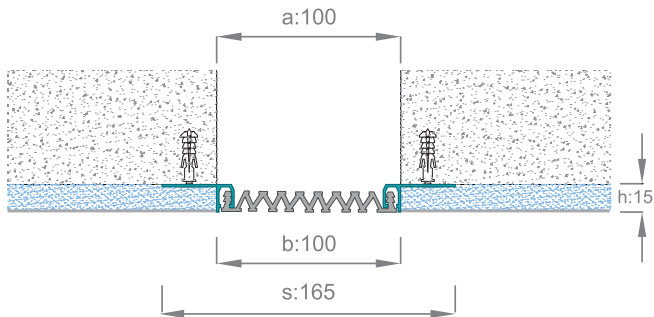
APPLICATIONS



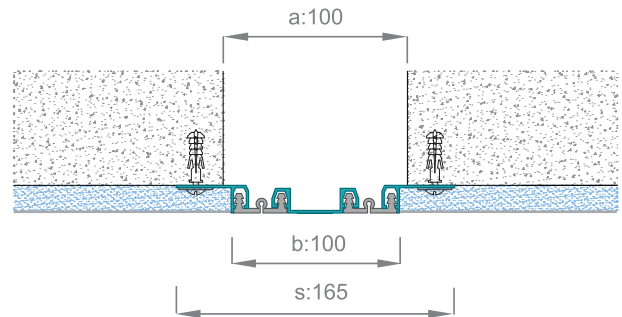
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 202 - 080	Suitable with (AR 106-80) screed, ceramic and etc. with flat gasket detail.	80	80	15	149	Mill Finish Alu.+TPE	±10
AR 215 - 080	Suitable with (AR 109-80) screed, ceramic and etc. with flat gasket detail.	80	82	17	228	Mill Finish Alu.+TPE	±10



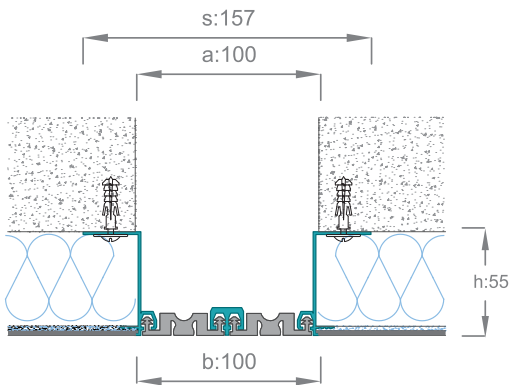
» AR202-100



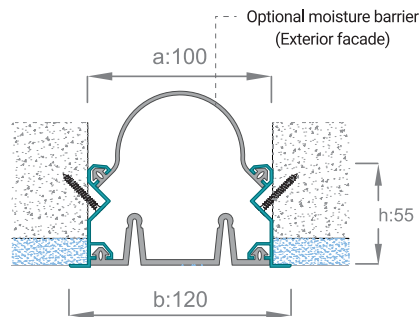
» AR202-102



» AR221-101



» AR285-100



GASKET COLOURS

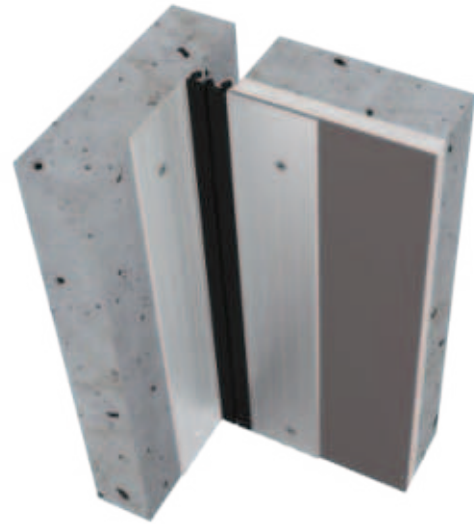
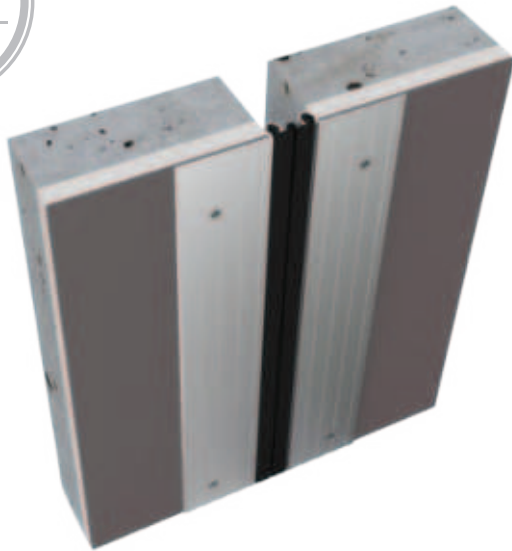


Expansion Joint profiles suitable for 100 mm gap with alternative gasket selections.
Used on appropriate plaster, ceramic, subjected drywall and thermal isolation boards.

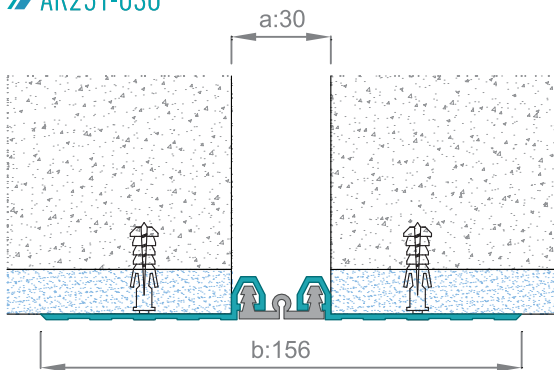
APPLICATIONS



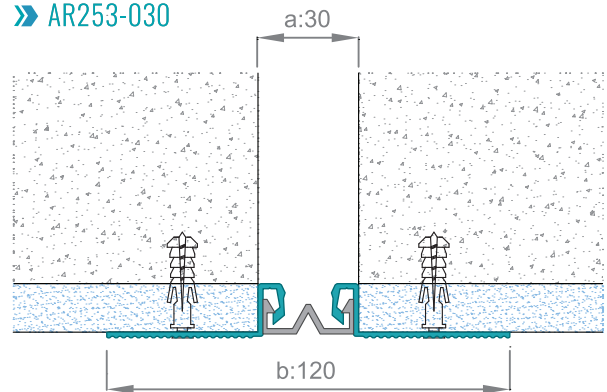
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 202 - 100	Suitable for screed, ceramic, drywall and etc	100	100	15	165	Mill Finish Alu.+TPE	±50
AR 202 - 101	Suitable for screed, ceramic, drywall and etc. (floor gasketed)	100	100	15	165	Mill Finish Alu.+TPE	±16
AR 202 - 102	Suitable for screed, ceramic, drywall and etc. (decorative and narrowed gasket)	100	100	15	165	Anodised Alu.+TPE	±14
AR 203 - 100	Suitable for screed, ceramic, drywall and etc. (14-18 mm)	100	100	20	165	Mill Finish Alu.+TPE	±50
AR 221 - 100	Suitable for facade with its externally proofed feature	100	100	50+5	157	Mill Finish Alu.+TPE	±50
AR 221 - 101	Suitable for heat insulations and facade and etc. (floor gasketed)	100	100	50+5	157	Mill Finish Alu.+TPE	±16
AR 221 - 102	Suitable for heat insulations and facade and etc. (flat gasketed)	100	100	50+5	157	Mill Finish Alu.+TPE	±16
AR 285 - 100	Suitable with internal areas and facade. (seismic)	100	120	55	120	Mill Finish Alu.+TPE	±75



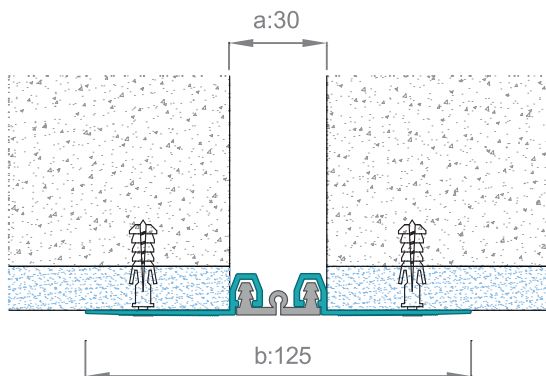
» AR251-030



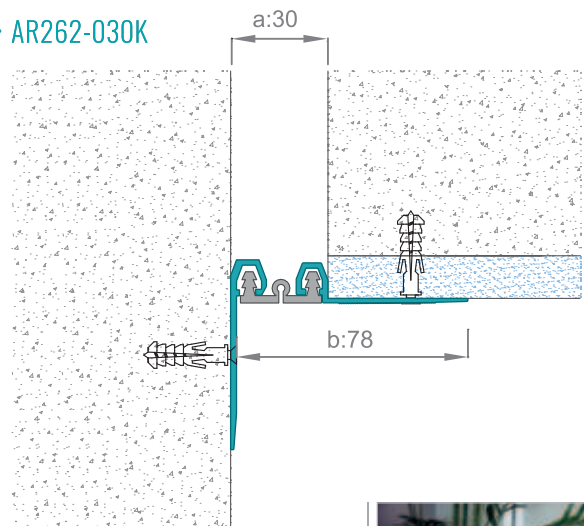
» AR253-030



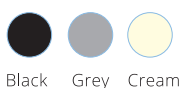
» AR262-030



» AR262-030K

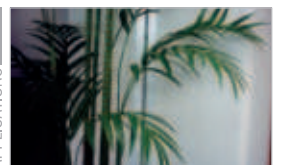


GASKET COLOURS

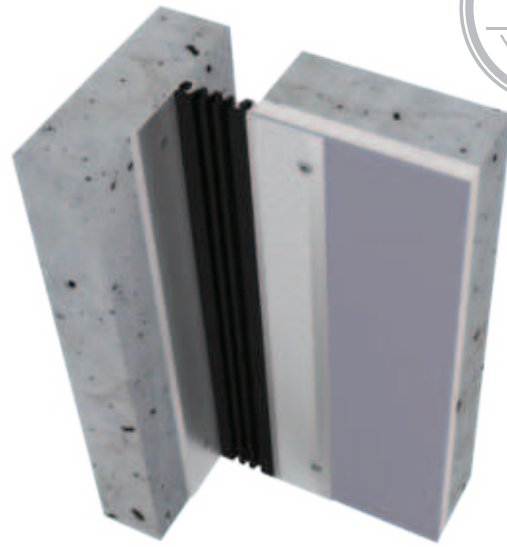
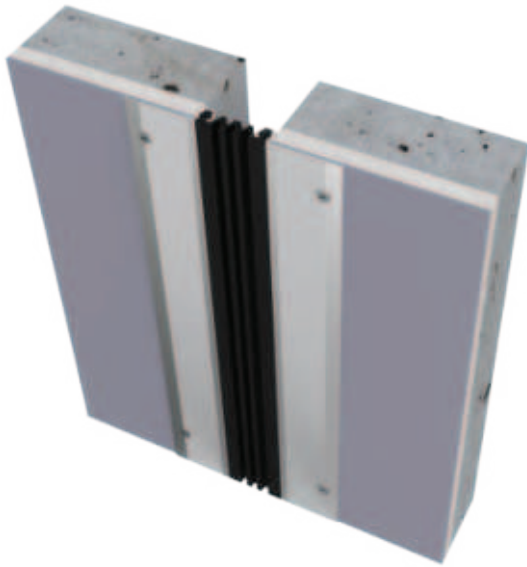


Over Finish Expansion Joint Profiles are suitable for 30 mm gap. Recommended for structures where subjected to thermal factors and small movements. Each design has corner profile option. Profiles are delivered by 3 meters and gaskets 25 meters.

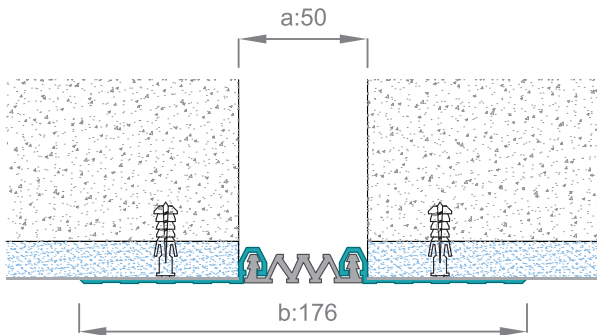
APPLICATIONS



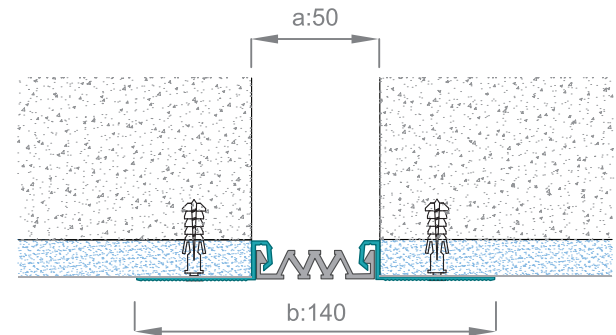
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 251- 030	Anodised wide top surface	30	156	12	156	Anodised Alu.+TPE	±10
AR 253 - 030	Mill Finish Wall- Ceiling profile	30	120	14	120	Mill Finish Alu.+TPE	±10
AR 255 - 030	Mill Finish wide top surface	30	180	14	180	Mill Finish Alu.+TPE	±10
AR 260 - 030	Anodised, Screw holed, decorative	30	125	12	125	Anodised Alu.+TPE	±10
AR 262 - 030	Anodised, screw holed, decorative, economic	30	125	12	125	Anodised Alu.+TPE	±10



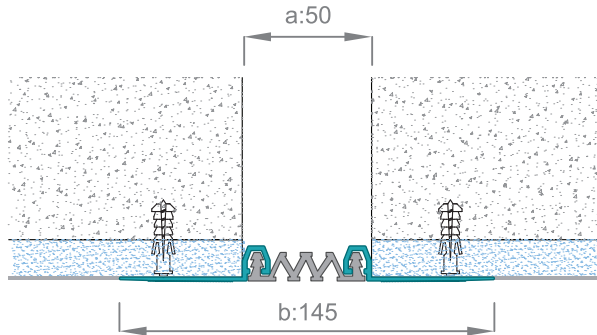
» AR252-050



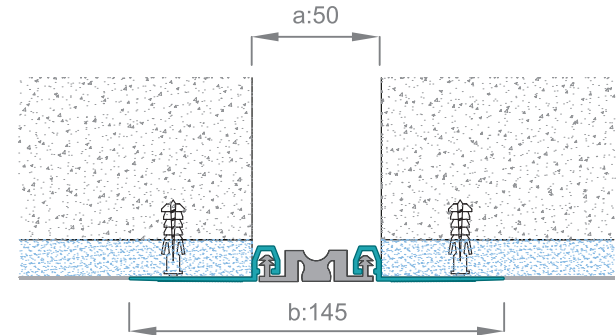
» AR254-050



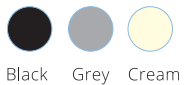
» AR262-050



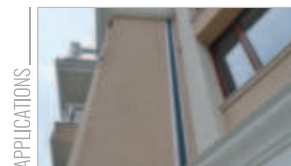
» AR262-051



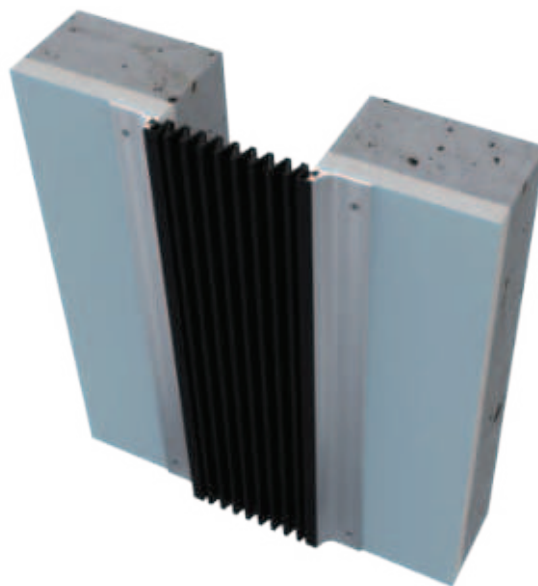
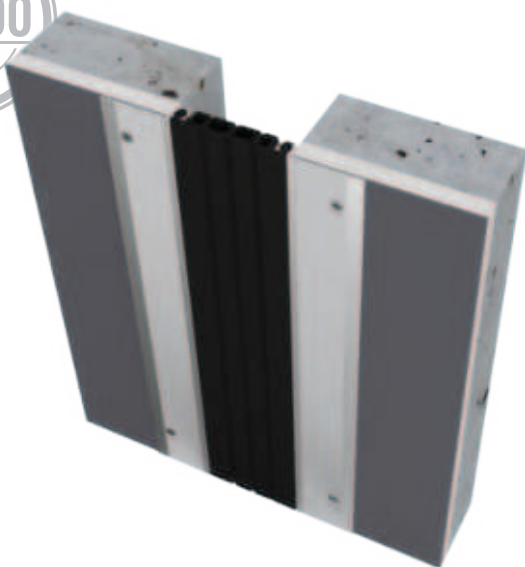
GASKET COLOURS



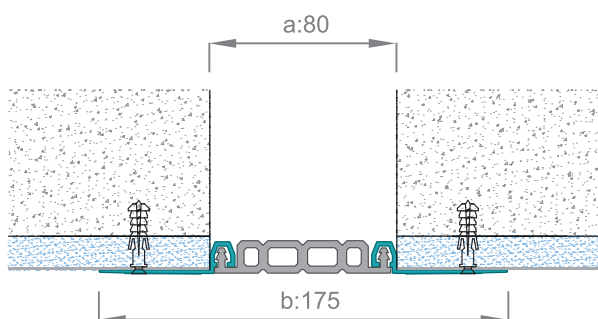
Surface mounted Expansion Joint Profiles are suitable for 50 mm gap. Mat Anodized and polished profile options are available. Screw holes are made as part of the production. Can be easily assembled and compatible to floor profiles. (Shown in page 12)



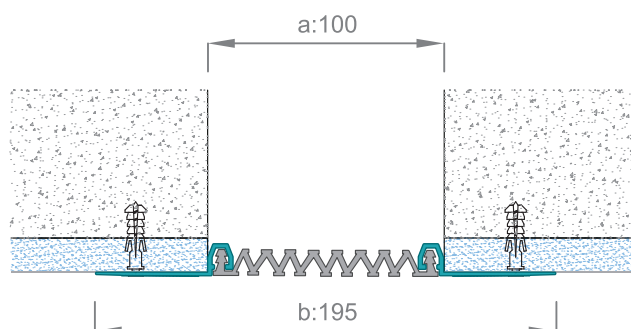
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 252 - 050	Anodised wide top surface	50	176	12	176	Anodised Alu.+TPE	±20
AR 252 - 051	Anodised wide top surface (Floor gasketed)	50	176	12	176	Anodised Alu.+TPE	±10
AR 254 - 050	Mill Finish Wall- Ceiling profile	50	140	14	140	Mill Finish Alu.+TPE	±20
AR 255 - 050	Mill Finish wide top surface	50	200	14	200	Mill Finish Alu.+TPE	±20
AR 261 - 050	Anodised, Screw holed, decorative	50	145	12	145	Anodised Alu.+TPE	±20
AR 262 - 050	Anodised, screw holed, decorative, economic	50	145	12	145	Anodised Alu.+TPE	±20
AR 262 - 051	Anodised, screwed hole/ floor gasketed	50	145	12	145	Anodised Alu.+TPE	±10



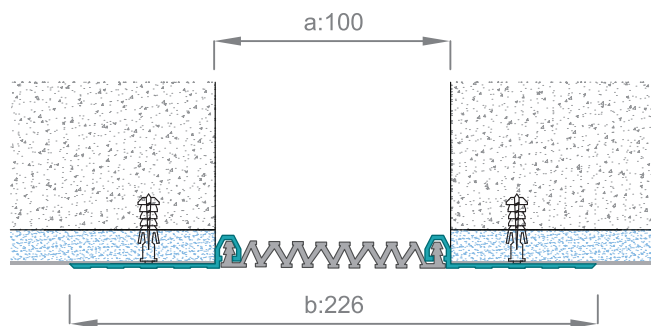
» AR262-080



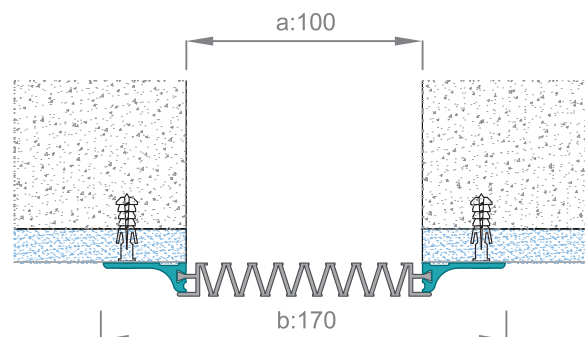
» AR262-100



» AR252-100



» AR295-100



GASKET COLOURS



Black Grey Cream

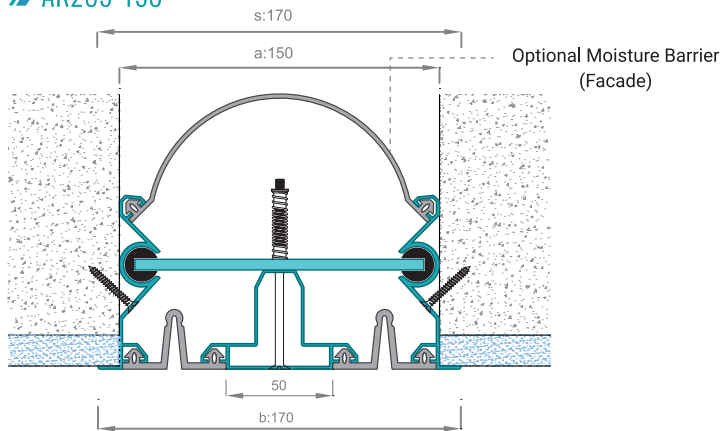
Surface mounted wall-ceiling Expansion Joint Profiles are suitable for 80-100 mm gap with alternative gasket options. Used for ceilings and its high movement capacity can be an alternative to seismic profiles



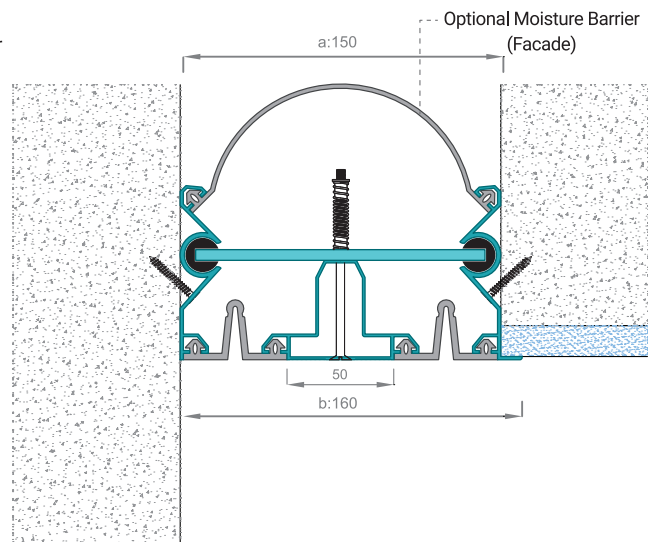
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 262 - 080	Anodised, screw holed, decorative, economic	80	175	12	175	Anodised Alu.+TPE	±10
AR 252 - 100	Anodised wide top surface	100	226	12	226	Anodised Alu.+TPE	±50
AR 254 - 100	Mill Finish Wall- Ceiling profile	100	188	14	188	Mill Finish Alu.+TPE	±50
AR 255 - 100	Mill Finish wide top surface	100	250	14	250	Mill Finish Alu.+TPE	±50
AR 261 - 100	Anodised, Screw holed, decorative	100	195	12	195	Anodised Alu.+TPE	±50
AR 262 - 100	Anodised, screw holed, decorative, economic	100	195	12	195	Anodised Alu.+TPE	±50
AR 262 - 101	Anodised, screwed hole/ floor gasketed	100	195	12	195	Anodised Alu.+TPE	±16
AR 262 - 102	Anodised, Screw holed, decorative narrow gasketed	100	190	12	190	Anodised Alu.+TPE	±14
AR 295 - 100	Mill Finish, screw holed, accordion gasketed.	100	170	14	170	Mill Finish Alu.+TPE	+100/-60



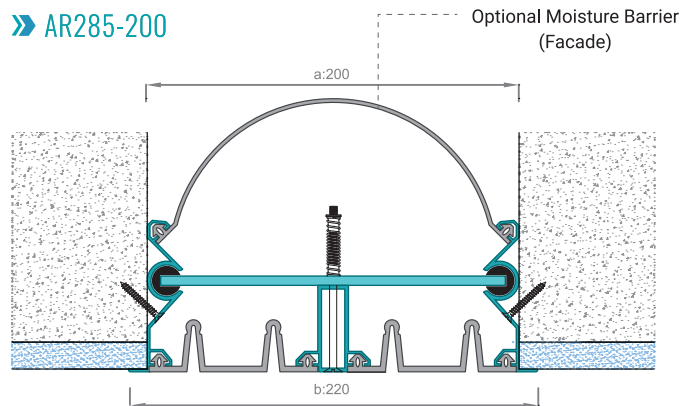
» AR285-150



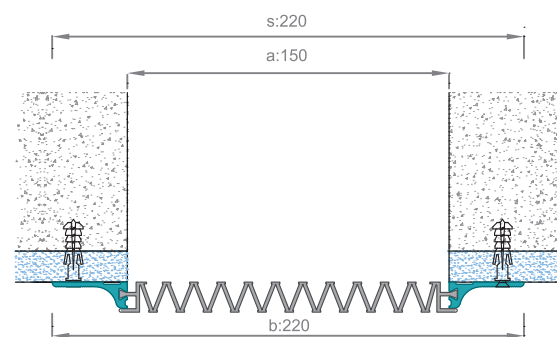
» AR285-150 K



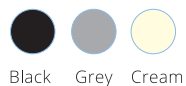
» AR285-200



» AR295-150

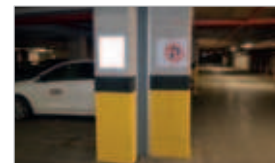


GASKET COLOURS

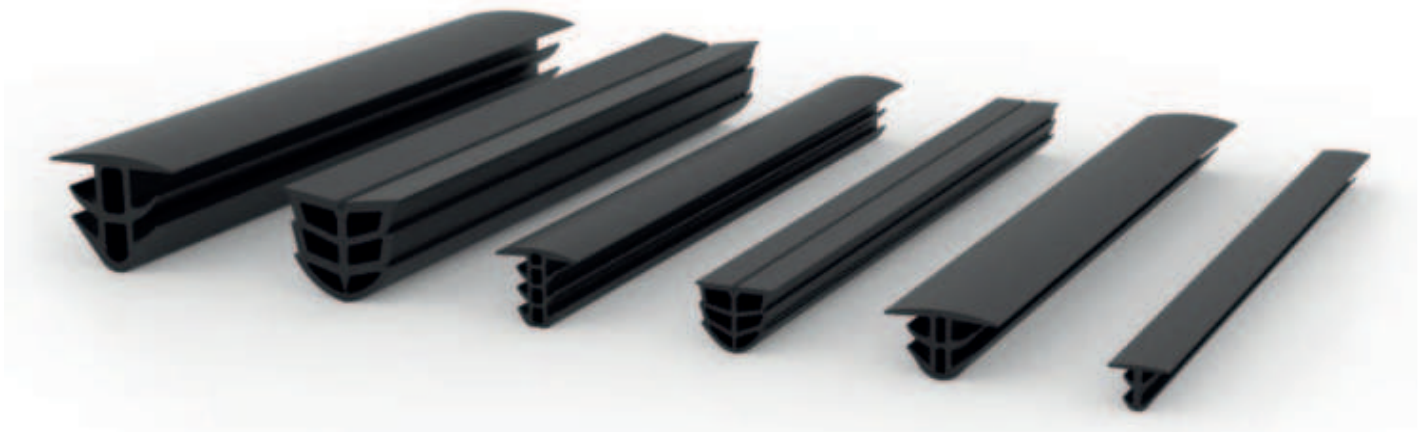


Under and Over finish Expansion Joint Profiles are suitable for larger gaps (150-200-250 mm). Decorative and suitable for high movements. Can also be used at Facade of the structures.

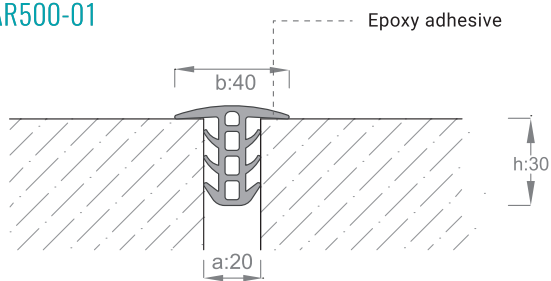
APPLICATIONS



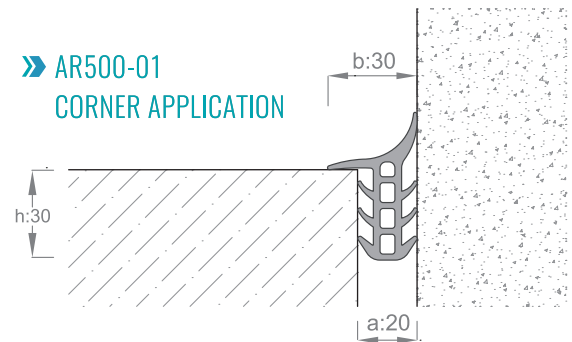
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 285 - 150	Suitable for internal or external areas (seismic)	150	170	80	170	Mill Finish Alu.+TPE	±75
AR 295 - 150	Mill Finish, screw holed, accordion gasketed.	150	220	14	220	Mill Finish Alu.+TPE	+150/-90
AR 285 - 200	Suitable for internal or external areas (seismic)	200	220	80	220	Mill Finish Alu.+TPE	±100
AR 295 - 200	Mill Finish, screw holed, accordion gasketed	200	270	14	270	Mill Finish Alu.+TPE	+200/-130



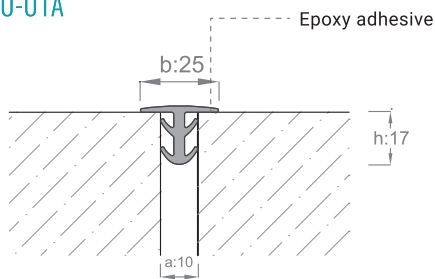
» AR500-01



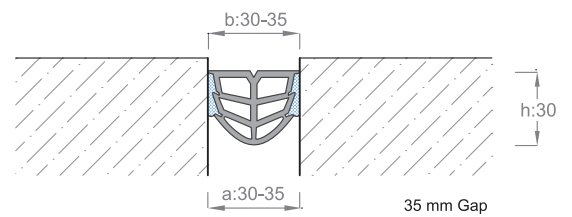
» AR500-01 CORNER APPLICATION



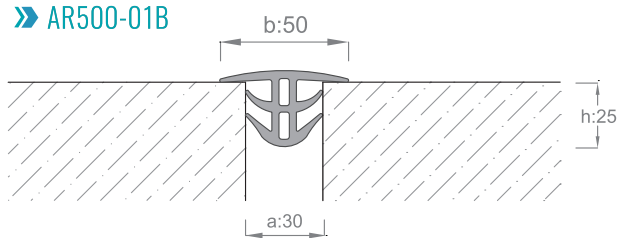
» AR500-01A



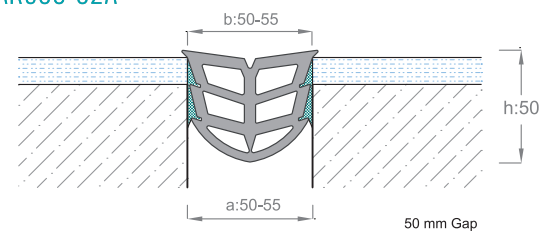
» AR500-02



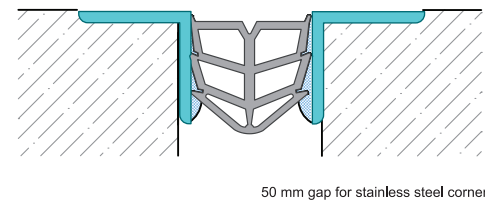
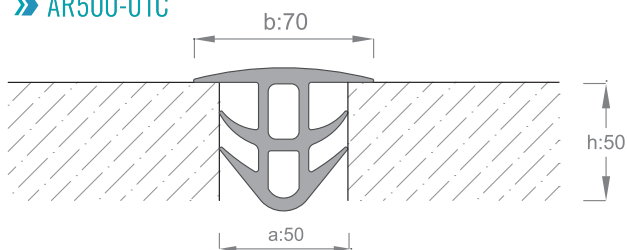
» AR500-01B



» AR500-02A

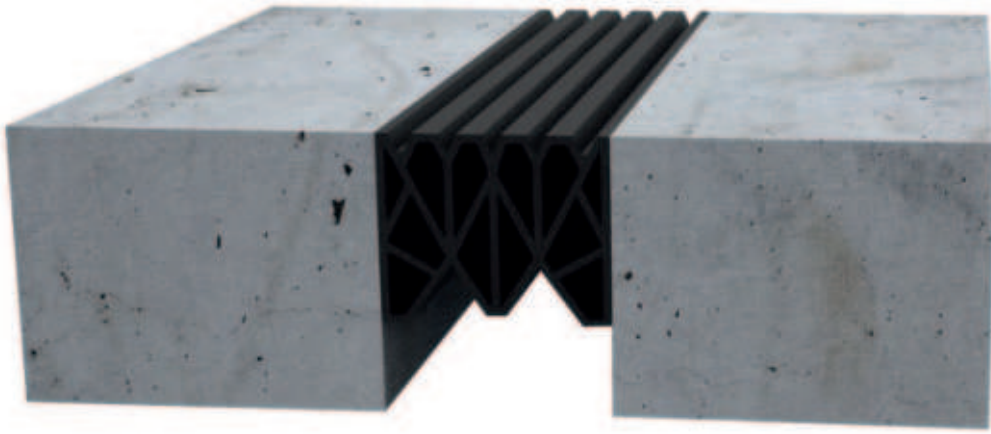


» AR500-01C

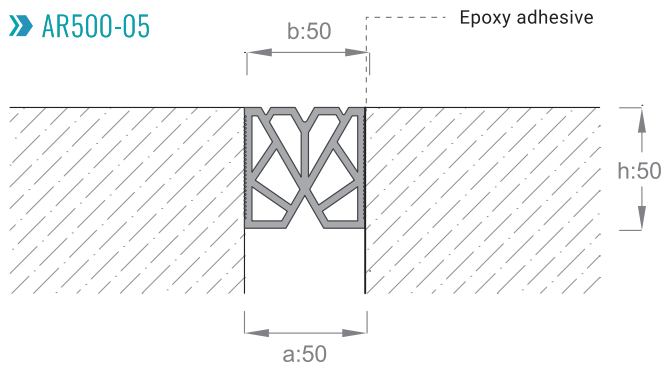


TPE, TPV (optional) profiles made from scratch and suitable for precast elements, facade, drywall applications and compacted laminate applications. Easy and Practical on assembly.



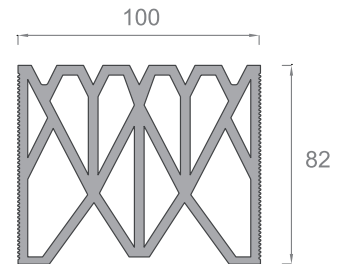
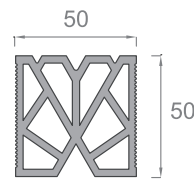


» AR500-05

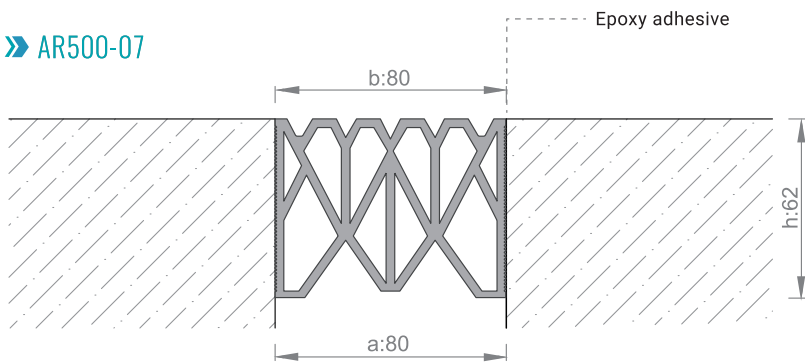


» AR500-06

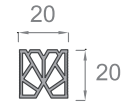
» AR500-05



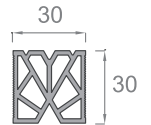
» AR500-07



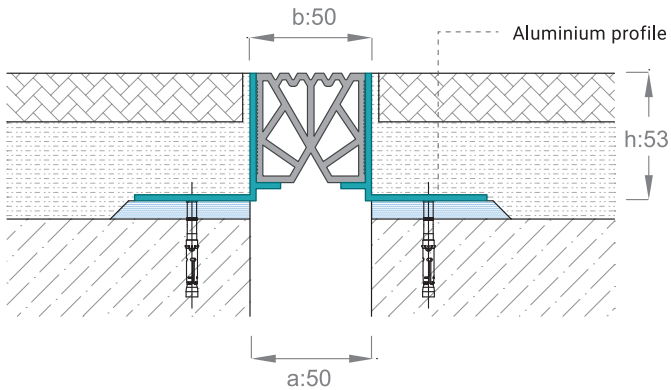
» AR500-03



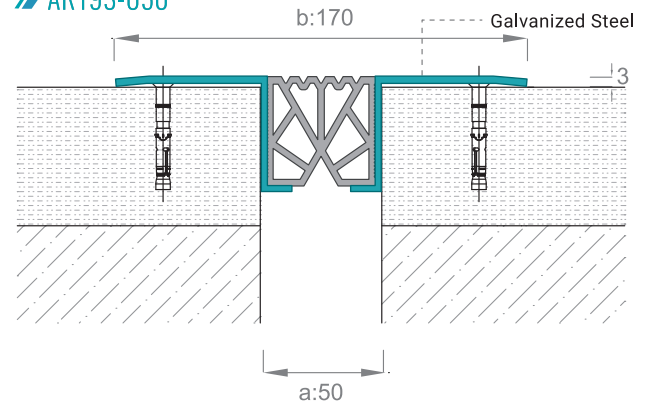
» AR500-04



» AR500-51



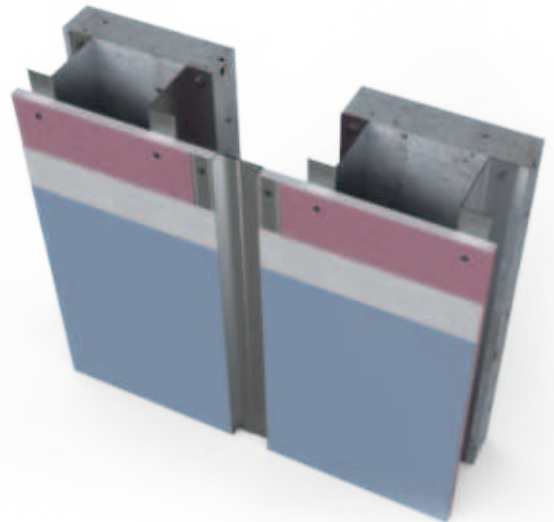
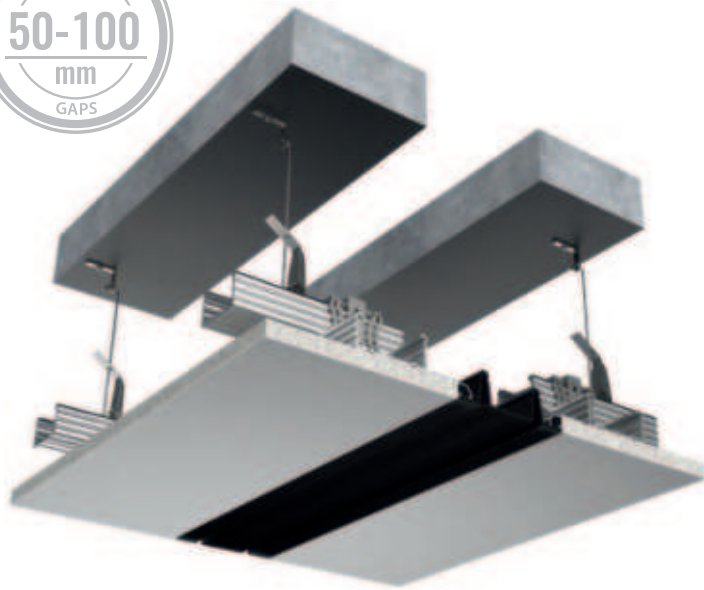
» AR193-050



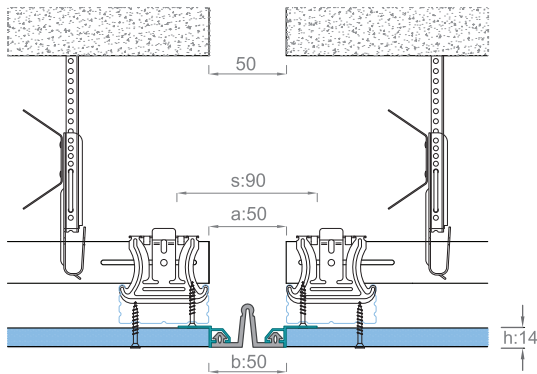
Products made from Thermoplastic elastomer material are suitable for 30, 50, 100 mm gaps and used in floors, walls and ceilings.

APPLICATIONS

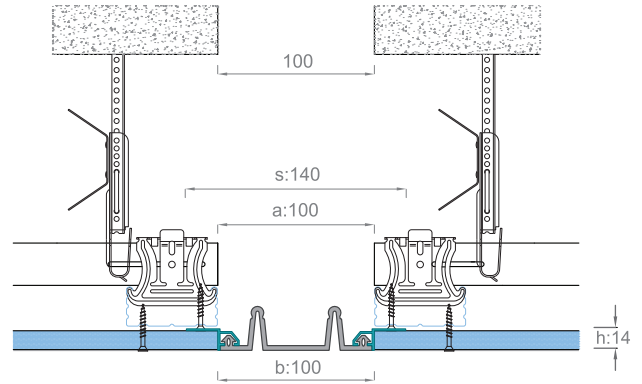




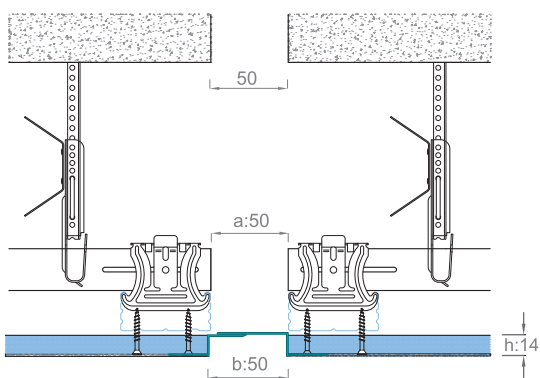
» AR287-050



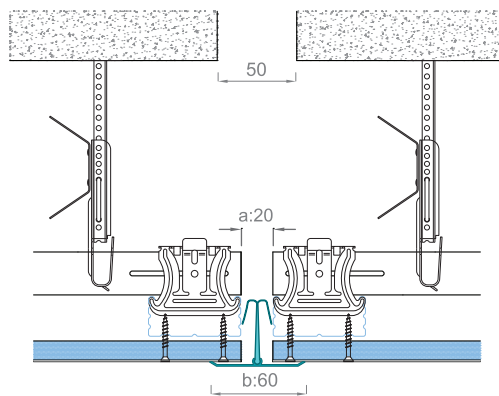
» AR287-100



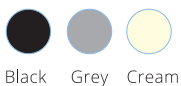
» ARF50



» AR60DT

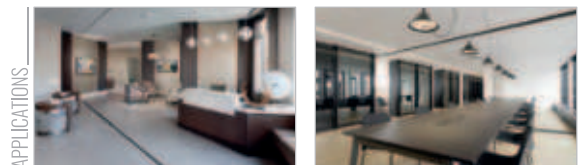


GASKET COLOURS

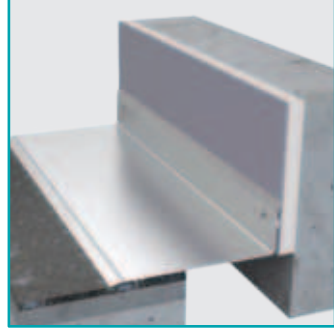
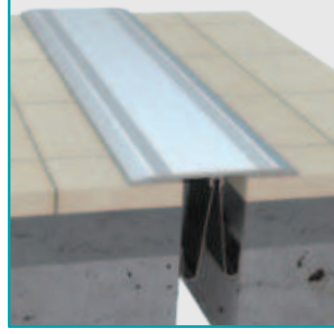
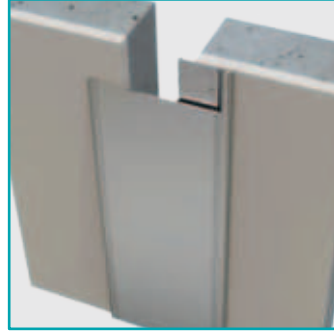


Black Grey Cream

Suspended Ceiling Expansion joint profiles used for various types of Suspended Ceilings. They are decorative and come with gasket or fully aluminium profiles.

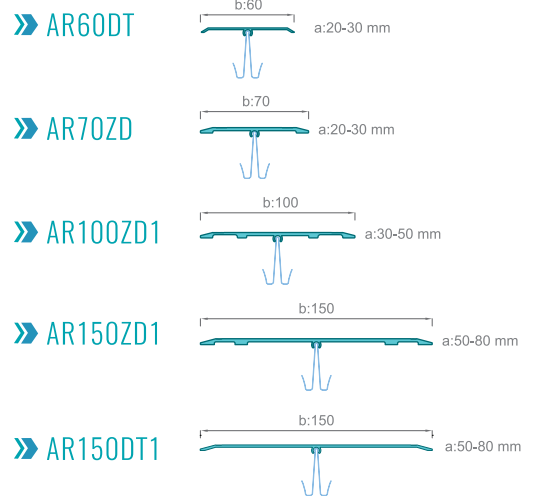
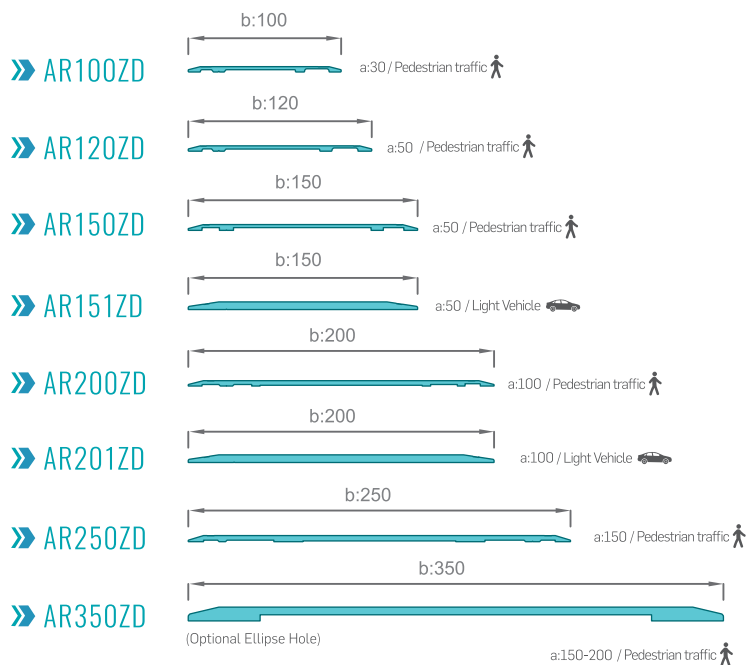
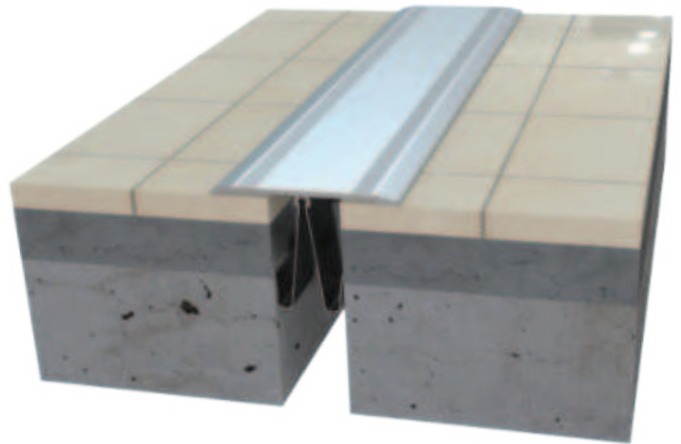
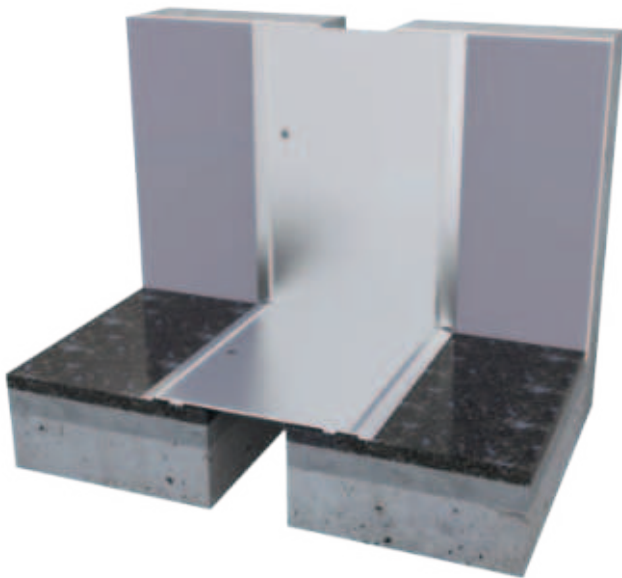


PRODUCT CODE	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 287 - 050	50	50	14	90	Mill Finish Alu.+TPE	±25
AR 287 - 100	100	100	14	140	Mill Finish Alu.+TPE	±75
ARF50	50	50	14	100	Anodised Alu.	±15
AR60DT	20	60	-	60	Anodised Alu.	+15

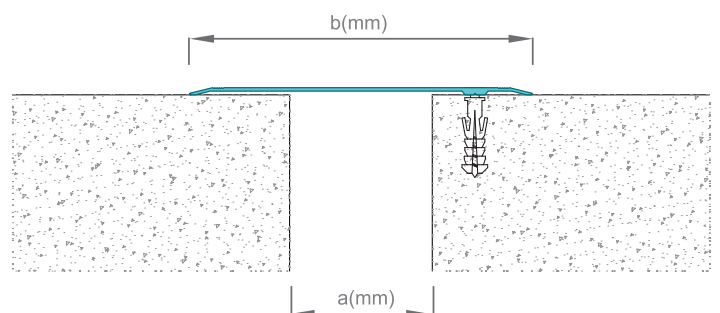
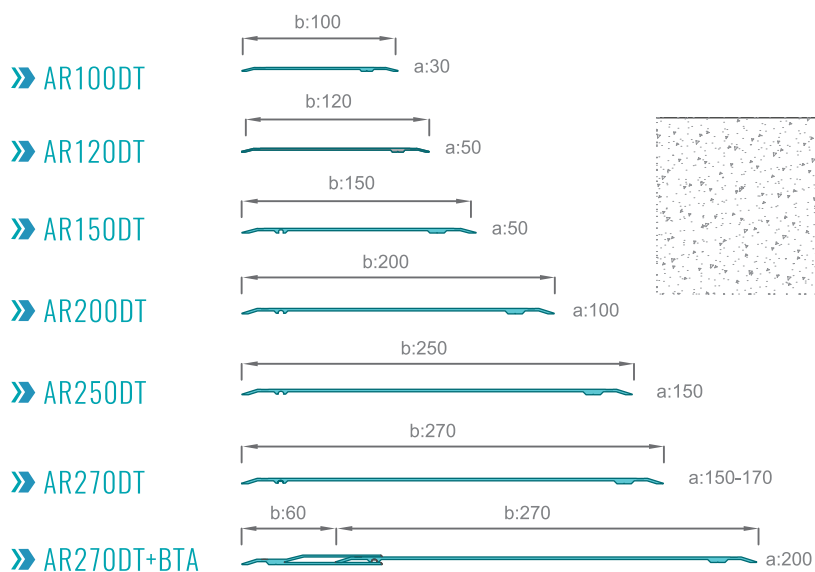


Floor, Wall, Ceiling, cover profiles

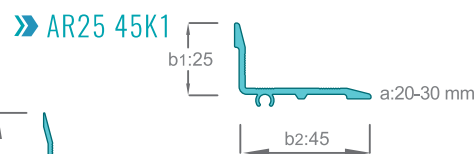
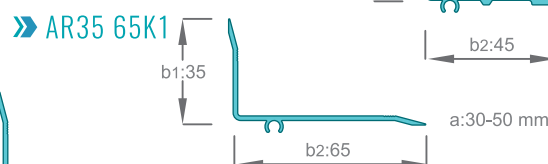
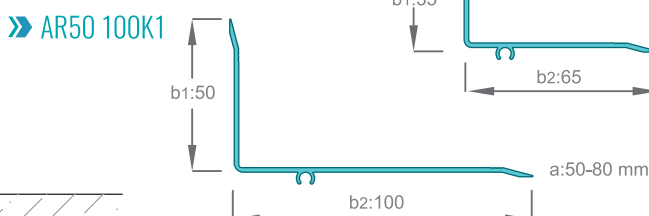
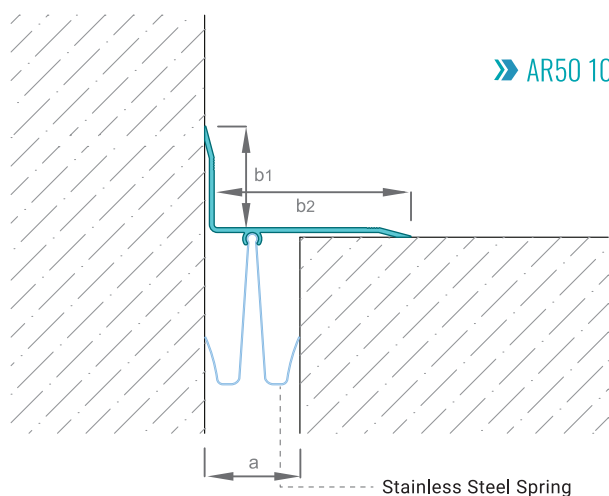
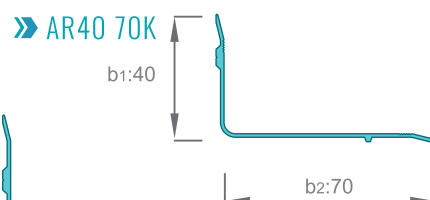
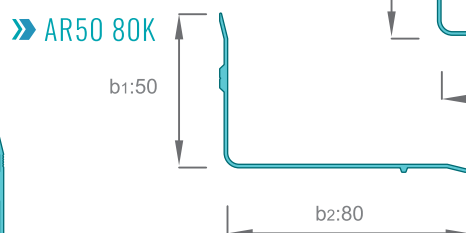
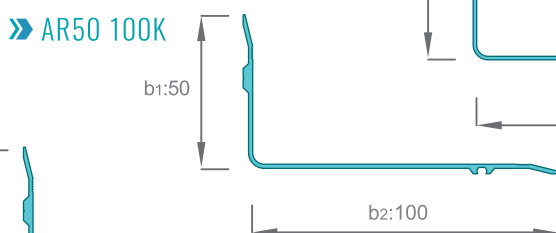
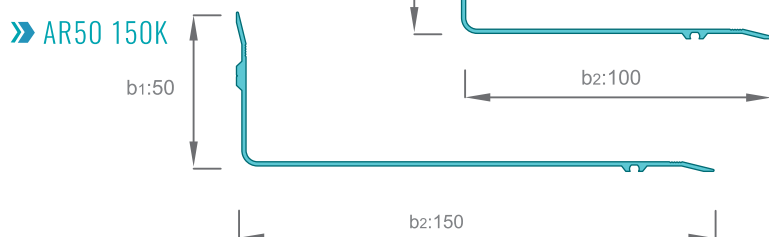
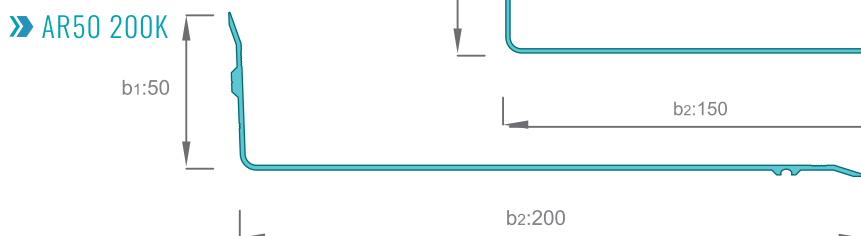
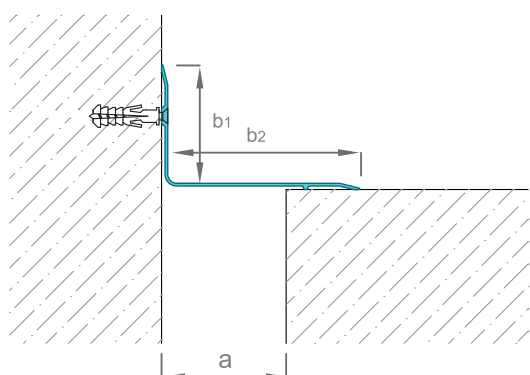
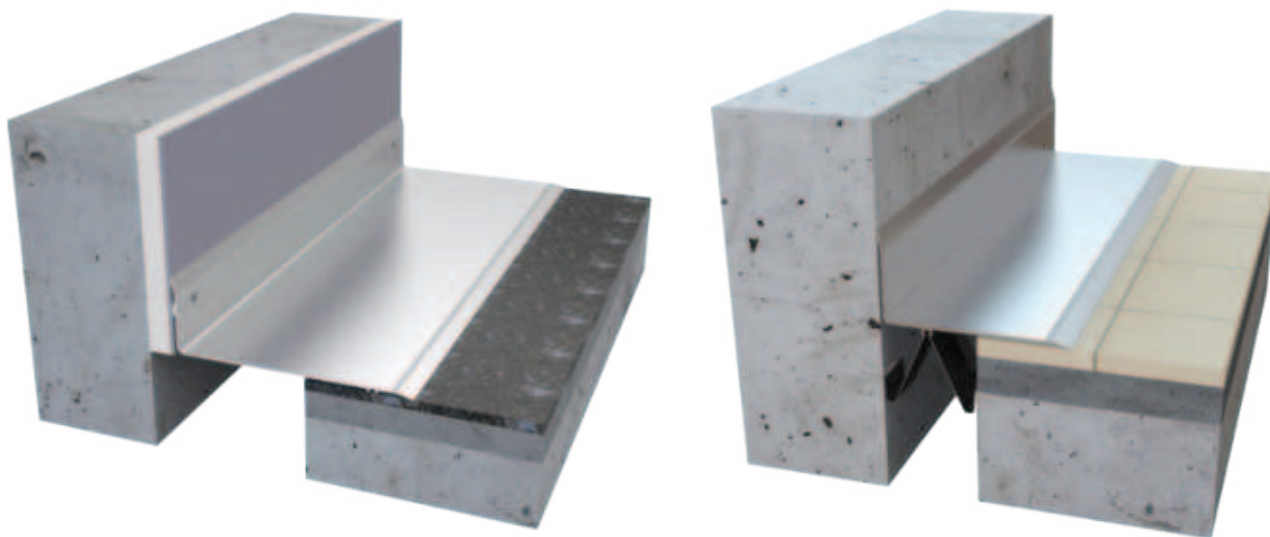
FLOOR, WALL,
CEILING,
COVER PROFILES



Can be applied with clips system (without needing screws) to standard dimensioned gaps.

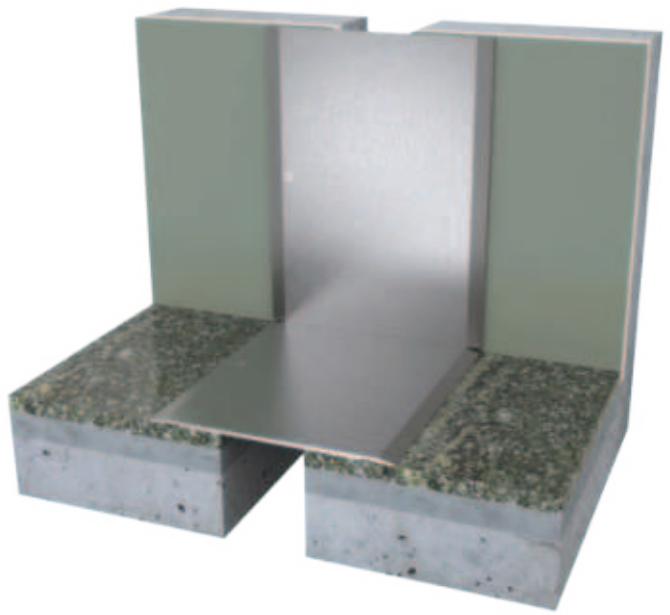


Practical on assembly with one side screw hole. Anodized cover profiles can easily be applied to floors, walls and ceilings.

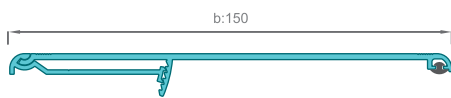


Corner Cover Profiles are compatible with straight cover profiles and used in Floors, Walls and Ceilings.

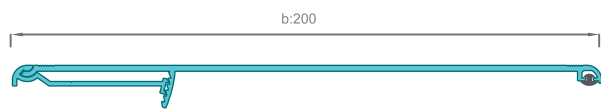




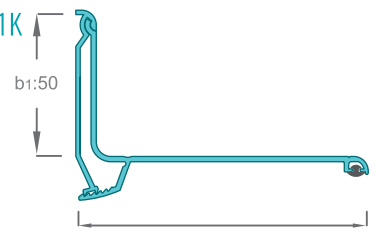
» AR151DT



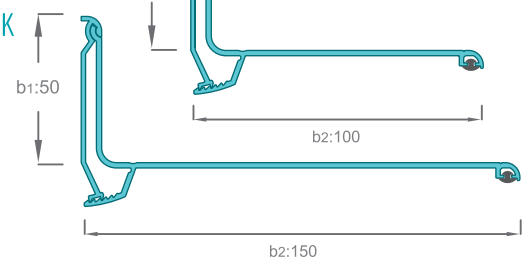
» AR201DT



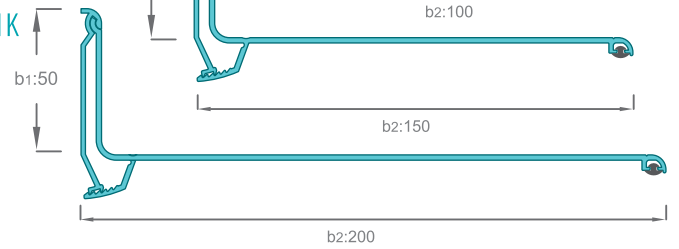
» AR50 101K



» AR50 151K

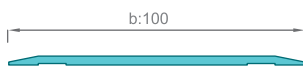


» AR50 201K

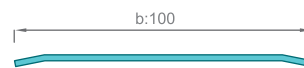


STAINLESS STEEL COVER PROFILES

» AR100ZS



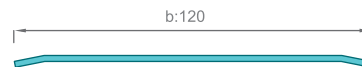
» AR100DS



» AR120ZS



» AR120DS



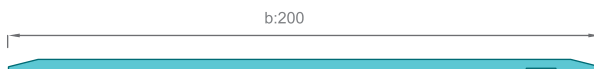
» AR150ZS



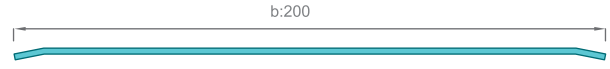
» AR150DS



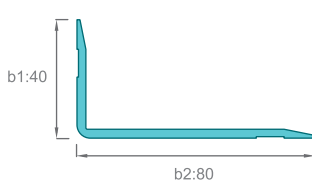
» AR200ZS



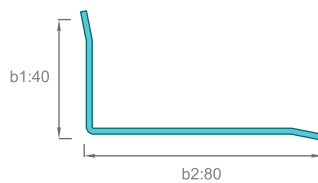
» AR200DS



» AR40 80ZKS

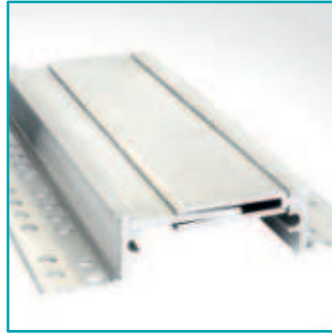
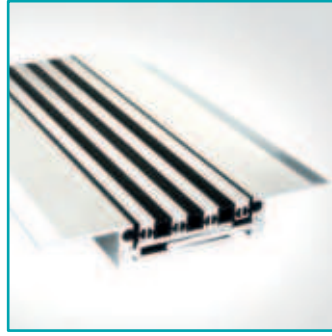
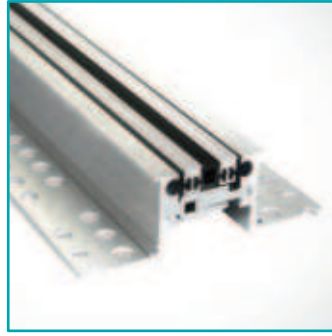
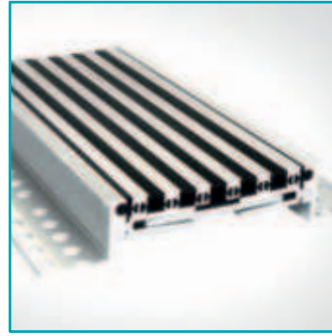
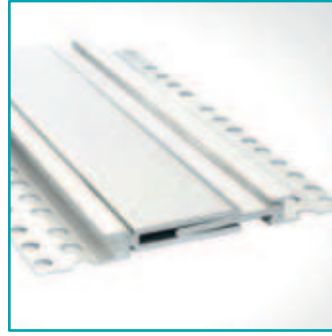


» AR40 80DKS



APPLICATIONS



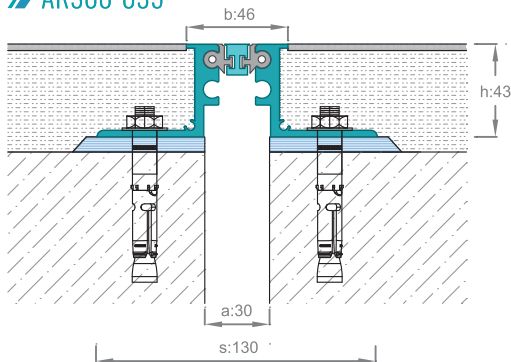


300 Series Floor, Wall and Ceiling Profiles

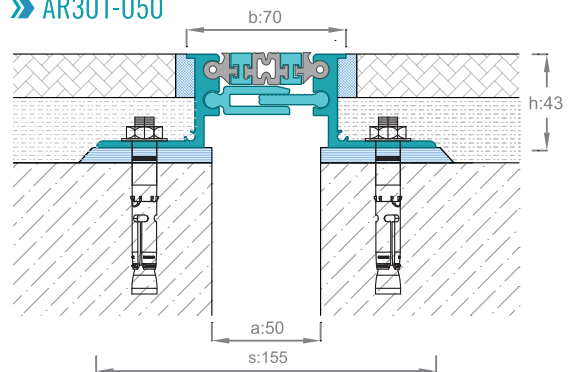
300 SERIES
FLOOR, WALL,
CEILING, PROFILES



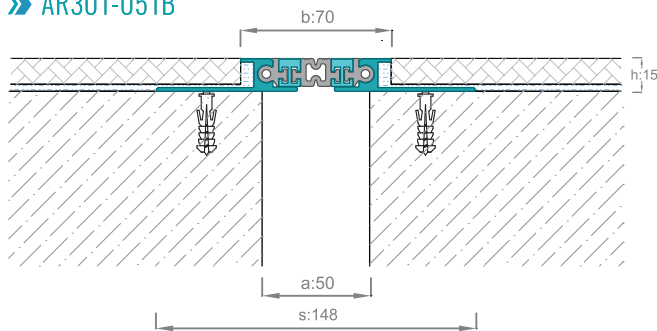
» AR300-035



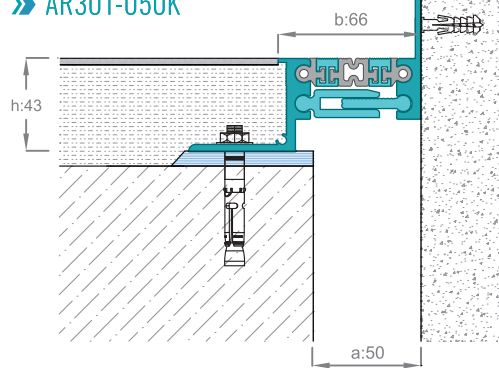
» AR301-050



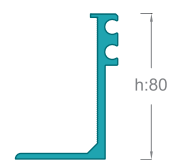
» AR301-051B



» AR301-050K



» AR301-054



» AR301-051B



» AR301-051



» AR301-052



» AR301-050



» AR301-053

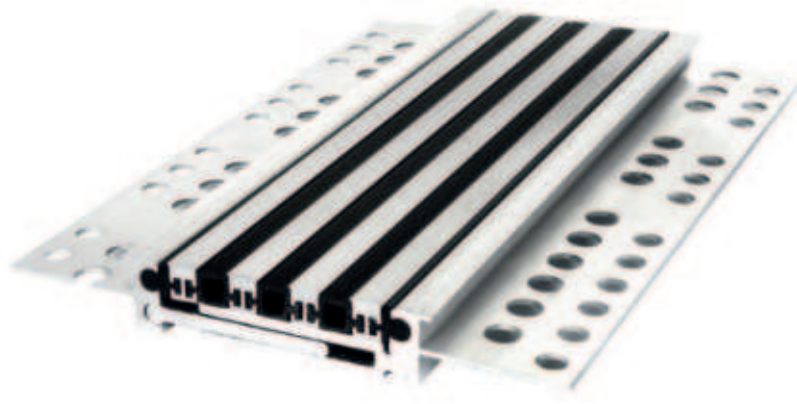


The 300 series dilatation profiles consisting of aluminium lamellae and TPE gaskets. The 300 series can be used in areas such as shopping malls, light industrial buildings, warehouses, hospitals, airports and subways which are exposed to medium vehicle and intense pedestrian load. It is suitable for many flooring types such as; ceramic, granite, marble, screed and industrial floors with various foot heights. Pre-mounted and prepared in 3 meters lengths for delivery. It is fixed to the floor with anchors with 35 cm spacing on both sides.



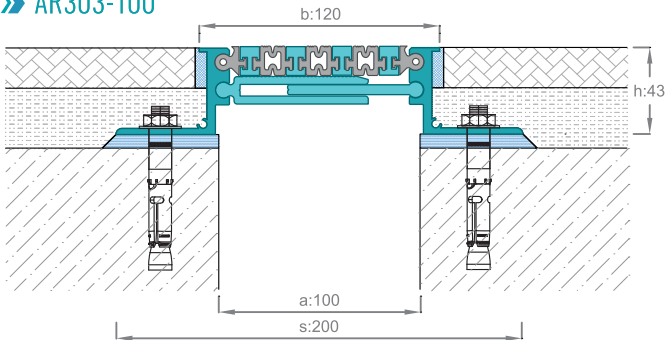
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR300-035	Foot height is required to be specified.	30	46	14/28/43/60/80	130	Mill Finish Alu.+TPE	±5	30 Ton 6.5 Ton
AR301-050	Suitable with screed, granite, marble and etc.	50	70	43	155	Mill Finish Alu.+TPE	±10	15 Ton 3.5 Ton
AR301-051	Suitable with ceramic.	50	70	14	165	Mill Finish Alu.+TPE	±10	Pedestrian Load 1.5 Ton
AR301-051B	Suitable with ceramic and economic	50	70	15	148	Mill Finish Alu.+TPE	±10	Pedestrian Load
AR301-052	Suitable with natural granite, marble and etc.	50	70	28	155	Mill Finish Alu.+TPE	±10	2.5 Ton
AR301-053	Suitable with screed, granite, marble and etc.	50	70	60	155	Mill Finish Alu.+TPE	±10	15 Ton 3.5 Ton
AR301-054	Suitable with screed, granite, marble and etc.	50	70	80	155	Mill Finish Alu.+TPE	±10	15 Ton 3.5 Ton

Note: Footings heights of 14, 15, and 28 mm are only suitable for light vehicles

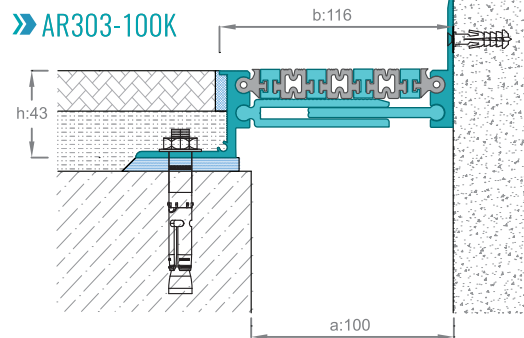


300 SERIES
FLOOR, WALL,
CEILING, PROFILES

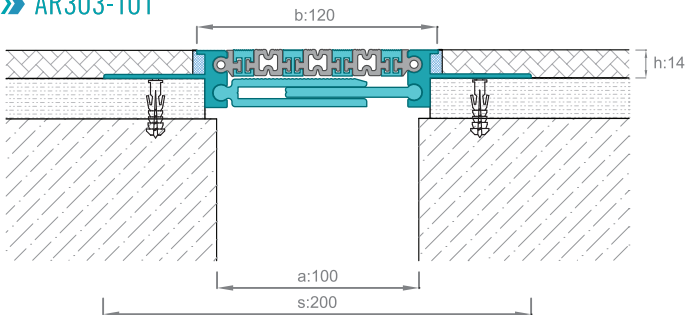
» AR303-100



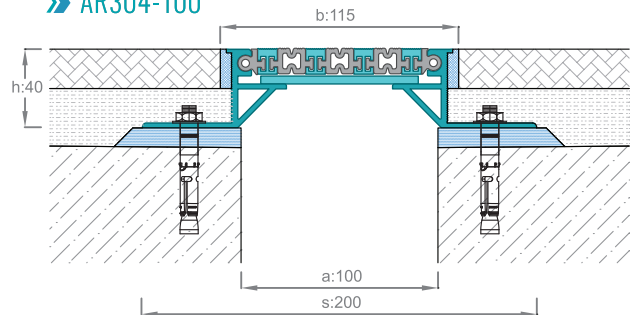
» AR303-100K



» AR303-101



» AR304-100



» AR303-101



» AR303-102



» AR303-100



» AR303-103

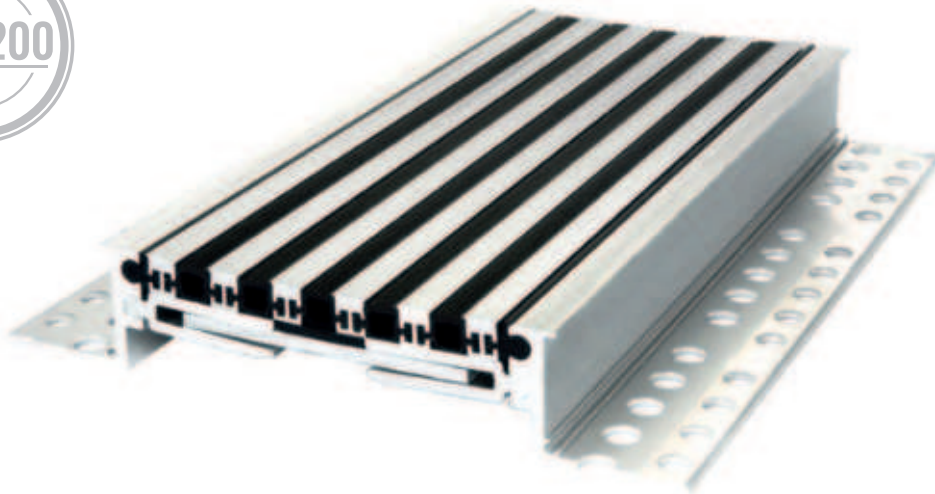


» AR303-104

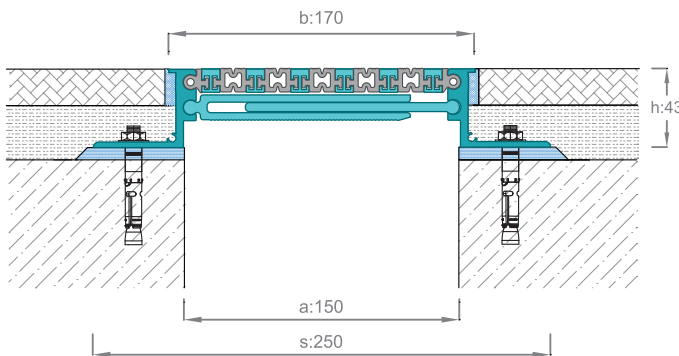


303 and 304 series can be used in all kinds of buildings such as shopping centres, hospitals, government buildings and business centres. These can also be used in areas exposed to vehicle traffic with minimum footing height of 43 mm

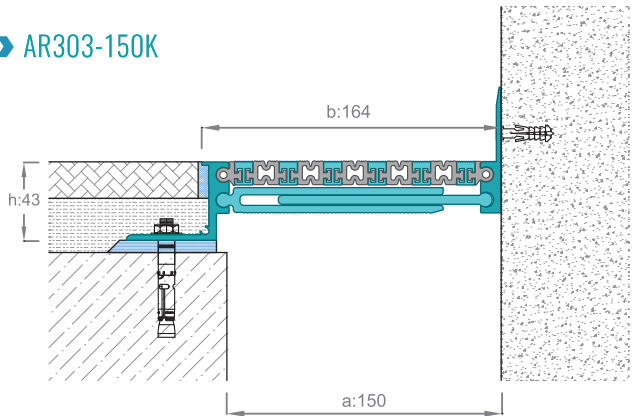
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR302-081	Suitable with ceramic.	80	100	14	190	Mill Finish Alu.+TPE	± 12	Pedestrian Load
AR302-082	Suitable with natural granite, marble and etc.	80	100	28	185	Mill Finish Alu.+TPE	±12	Pedestrian Load 1.5 Ton
AR302-080	Suitable with screed, granite, marble and etc.	80	100	43/60/80	185	Mill Finish Alu.+TPE	±12	3.5 Ton 2.5 Ton
AR303-101	Suitable with ceramic.	100	120	14	210	Mill Finish Alu.+TPE	±15	Pedestrian Load
AR303-102	Suitable with natural granite, marble and etc.	100	120	28	200	Mill Finish Alu.+TPE	±15	Pedestrian Load
AR303-100	Suitable with screed, granite, marble and etc.	100	120	43/60/80	200	Mill Finish Alu.+TPE	±15	3 Ton 1.5 Ton
AR304-100	Suitable with granite and economic.	100	115	40	200	Mill Finish Alu.+TPE	±15	Pedestrian Load



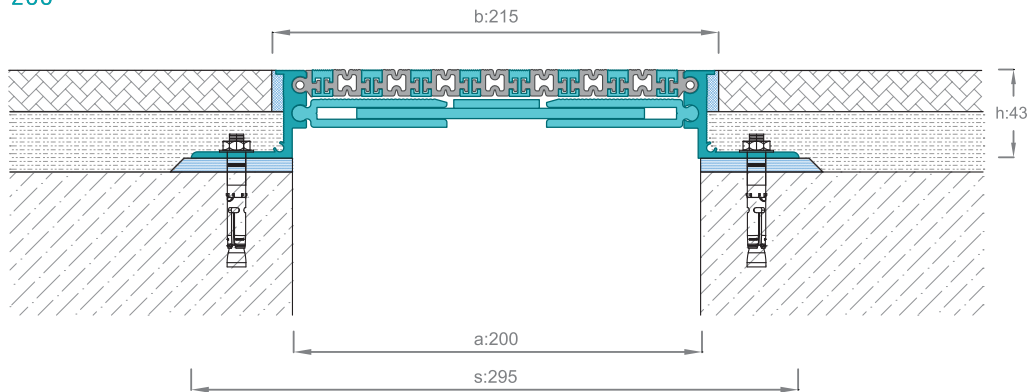
» AR303-150



» AR303-150K



» AR303-200



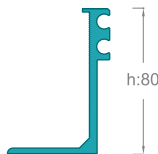
» AR303-150



» AR303-153



» AR303-154



The 300 series floor Expansion joint Profiles used for 150 mm and 200 mm gaps and generally utilized in areas exposed to pedestrian load. It is assembled with steel anchors and screws with 35 cm spacing from both sides. Mounted and prepared in 3 meters lengths for delivery.

APPLICATIONS



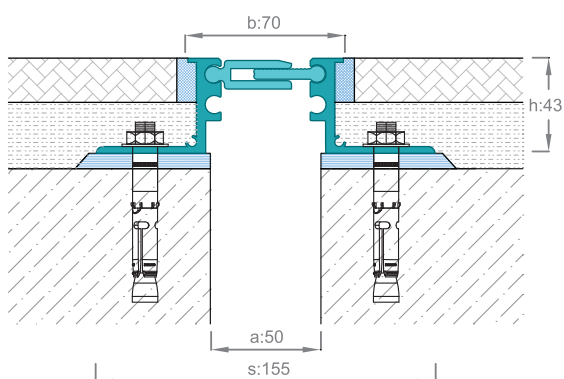
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 303 - 150	Suitable with granite, marble and etc.	150	168	43, 60, 80	250	Mill Finish Alu.+TPE	±25	Pedestrian Load
AR 303 - 200	Suitable with granite, marble and etc.	200	215	43, 60, 80	295	Mill Finish Alu.+TPE	±35	Pedestrian Load



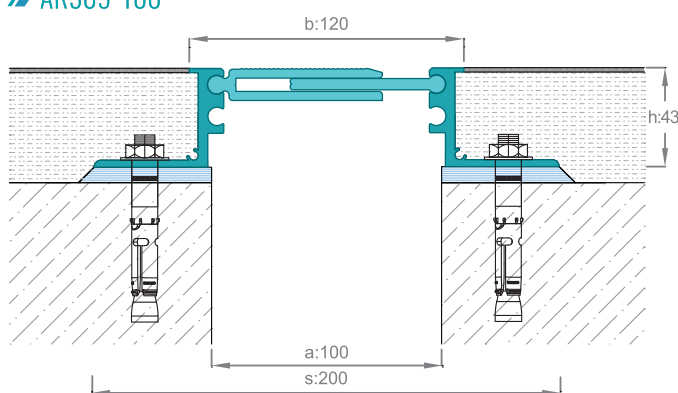
300 SERIES
FLOOR, WALL,
CEILING, PROFILES



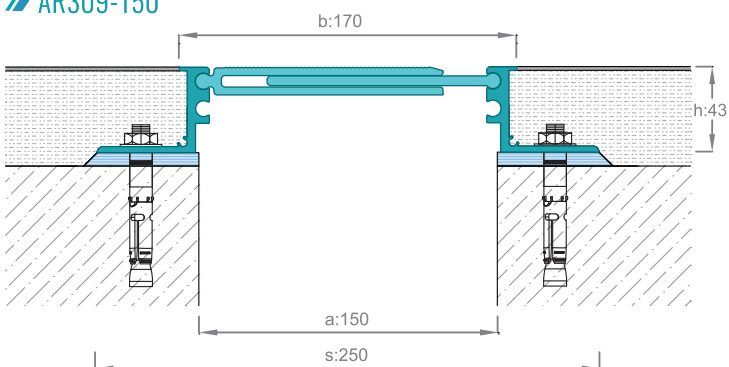
» AR308-050



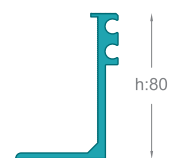
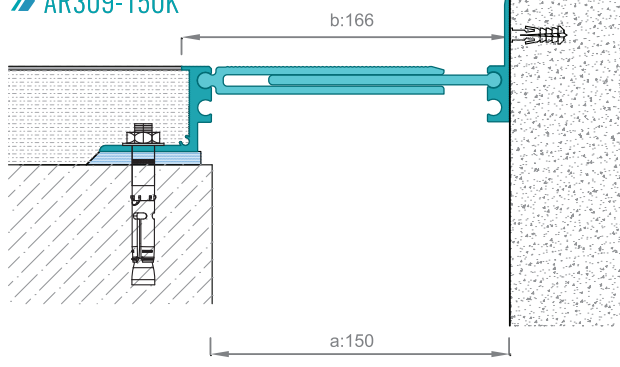
» AR309-100



» AR309-150



» AR309-150K



APPLICATIONS

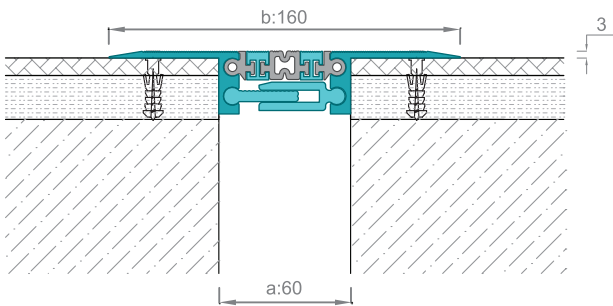


Horizontally and vertically movable, decorative and economical under finish Expansion Joint Profiles are fully covered in Aluminium surface.

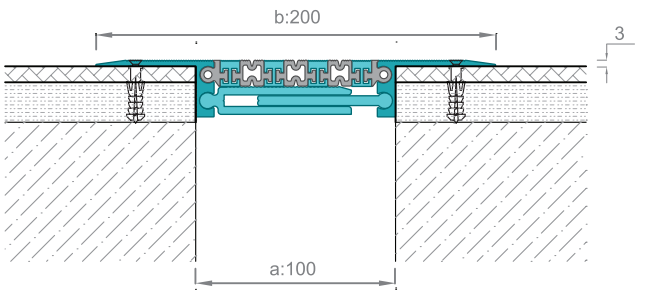
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR308-051	Suitable with ceramic.	50	70	14	165	Mill Finish Alu.	± 10	Pedestrian Load
AR308-052	Suitable with natural granite, marble and etc.	50	70	28	155	Mill Finish Alu.	±10	Pedestrian Load 1.5 Ton
AR308-050	Suitable with screed, granite, marble and etc.	50	70	43/60/80	155	Mill Finish Alu.	±10	3.5 Ton 2.5 Ton
AR309-080	Footing height is required to be specified	80	100	14/28/43/60/80	185	Mill Finish Alu.	±12	3.5 Ton
AR309-100	Footing height is required to be specified	100	120	14/28/43/60/80	200	Mill Finish Alu.	±15	1.5 Ton
AR309-150	Footing height is required to be specified	150	170	43/60/80	250	Mill Finish Alu.	±25	Pedestrian Load



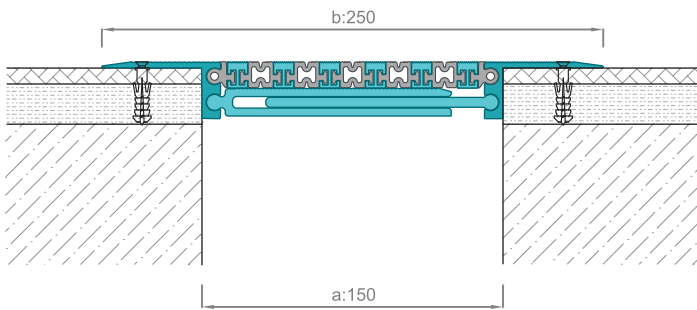
» AR172-050



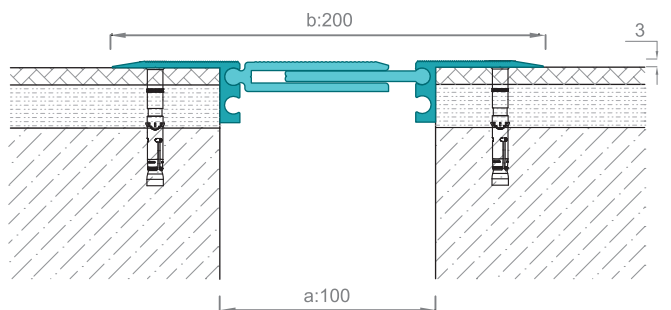
» AR174-100



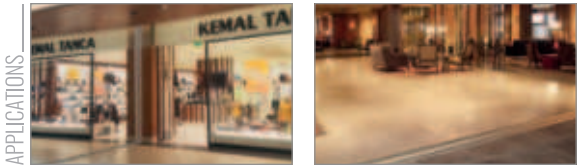
» AR174-150



» AR184-100



Expansion Joint Profiles suitable for joint gaps from 35mm to 200 mm. These decorative profiles come with screw holes on both sides. TPE gasket options available are at grey and black colour.

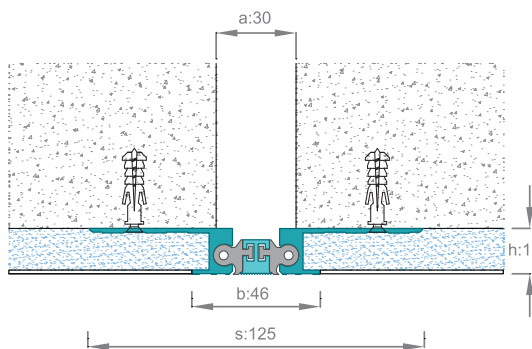


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 171 - 035	Mill Finish, screw holed, alu&TPE top surface.	35	135	26	135	Mill Finish Alu.+TPE	±5	5 Ton 2.5 Ton
AR 172 - 050	Mill Finish, screw holed, alu&TPE top surface.	60	160	26	160	Mill Finish Alu.+TPE	±10	3.5 Ton 2 Ton
AR 173 - 080	Mill Finish, screw holed, alu&TPE top surface.	80	180	26	180	Mill Finish Alu.+TPE	±12	2.5 Ton
AR 174 - 100	Mill Finish, screw holed, alu&TPE top surface.	100	200	26	200	Mill Finish Alu.+TPE	±15	Pedestrian Load
AR 174 - 150	Mill Finish, screw holed, alu&TPE top surface.	150	250	26	250	Mill Finish Alu.+TPE	±25	Pedestrian Load
AR 174 - 200	Mill Finish, screw holed, alu&TPE top surface.	200	300	26	300	Mill Finish Alu.+TPE	±35	Pedestrian Load
AR 182 - 050	Mill Finish, screw holed, alu. top surface.	60	160	26	160	Mill Finish Alu.	±10	3.5 Ton
AR 183-080	Mill Finish, screw holed, alu. top surface.	80	180	26	180	Mill Finish Alu.	±12	2.5 Ton
AR 184 - 100	Mill Finish, screw holed, alu. top surface.	100	200	26	200	Mill Finish Alu.	±15	Pedestrian Load
AR 184 - 150	Mill Finish, screw holed, alu. top surface	150	250	26	250	Mill Finish Alu.	±25	Pedestrian Load

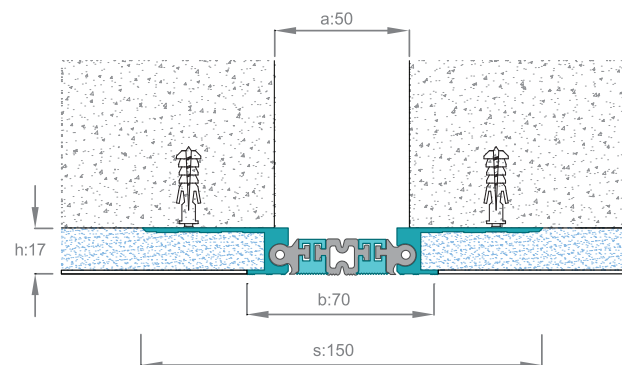


300 SERIES
FLOOR, WALL,
CEILING, PROFILES

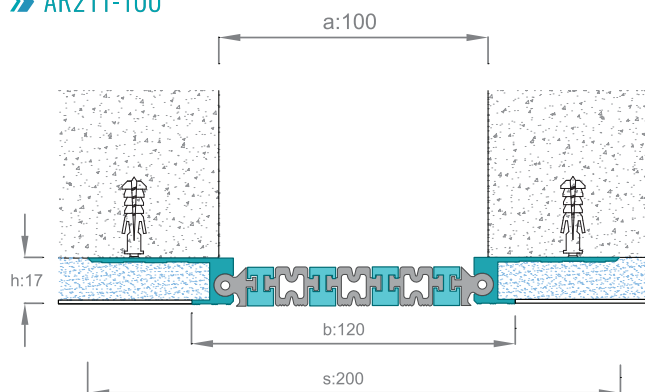
» AR208-030



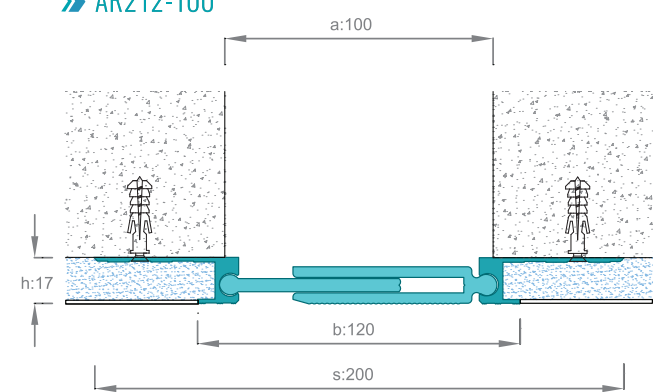
» AR209-050



» AR211-100

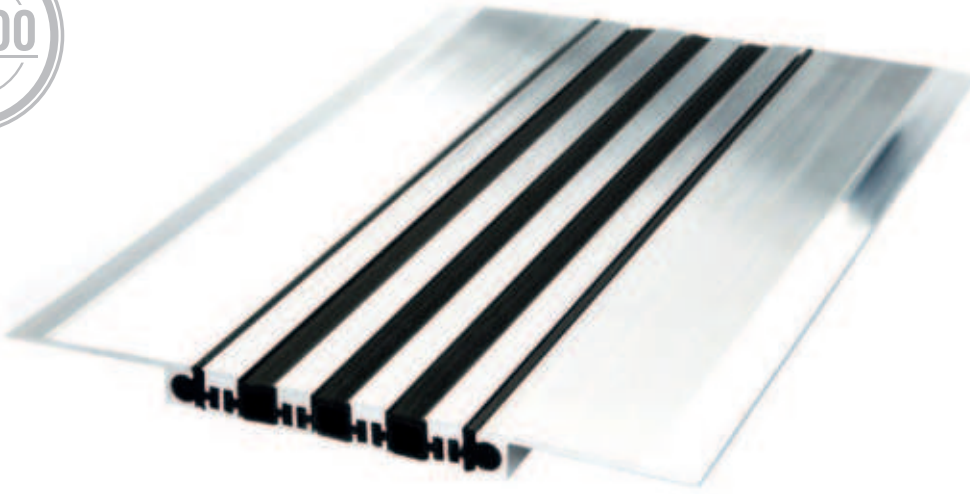


» AR212-100

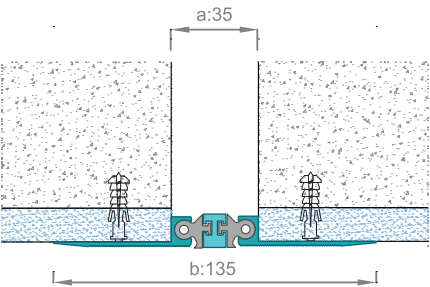


Adaptable to walls and ceilings which are compatible with AR 300 series floor profiles. Can be used in coverings such as, plaster, ceramic and drywall.

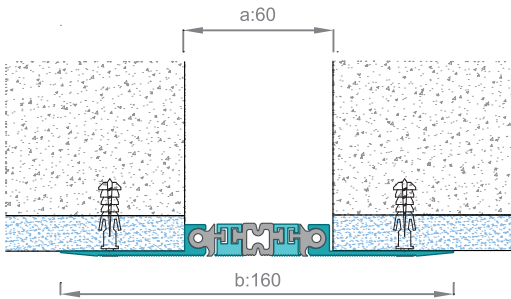
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 208 - 030	Suitable with screed, ceramic, drywall and etc. / Aluminium & Gasketed top surface	30	46	17	125	Mill Finish Alu.+TPE	±5
AR 209 - 050	Suitable with screed, ceramic, drywall and etc. / Aluminium & Gasketed top surface	50	70	17	150	Mill Finish Alu.+TPE	±10
AR 210 - 080	Suitable with screed, ceramic, drywall and etc. / Aluminium & Gasketed top surface	80	100	17	180	Mill Finish Alu.+TPE	±12
AR 211 - 100	Suitable with screed, ceramic, drywall and etc. / Aluminium & Gasketed top surface	100	120	17	200	Mill Finish Alu.+TPE	±14
AR 211 - 150	Suitable with screed, ceramic, drywall and etc. / Aluminium & Gasketed top surface	150	170	17	250	Mill Finish Alu.+TPE	±25
AR 212 - 050	Suitable with screed, ceramic, drywall and etc. / Aluminium top surface	50	70	17	150	Mill Finish Alu.	±10
AR 212 - 080	Suitable with screed, ceramic, drywall and etc. / Aluminium top surface	80	100	17	180	Mill Finish Alu.	±12
AR 212 - 100	Suitable with screed, ceramic, drywall and etc. / Aluminium top surface	100	120	17	200	Mill Finish Alu.	±14
AR 212 - 150	Suitable with screed, ceramic, drywall and etc. / Aluminium top surface	150	170	17	250	Mill Finish Alu.	±25



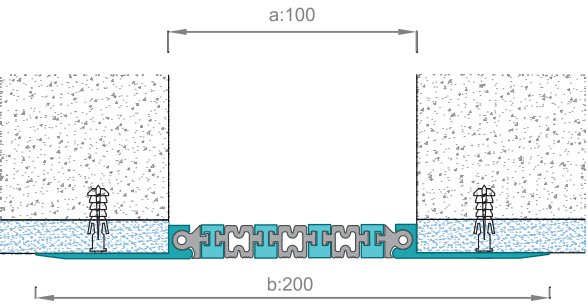
» AR258-030



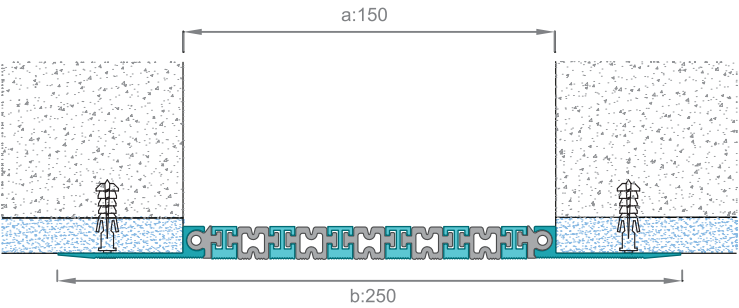
» AR259-050



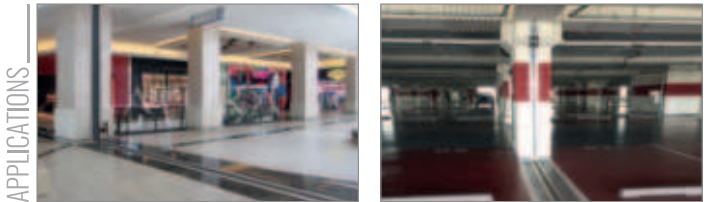
» AR259-100



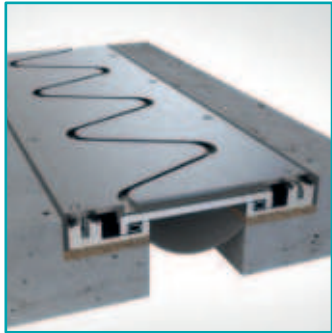
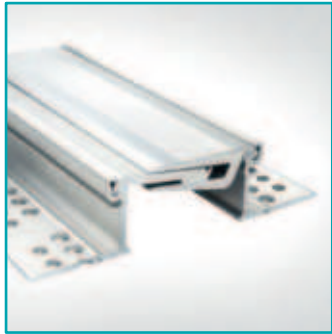
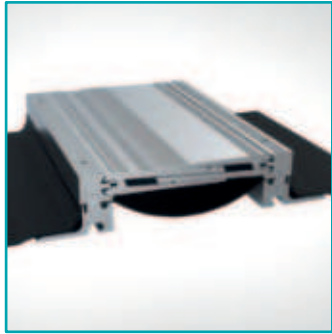
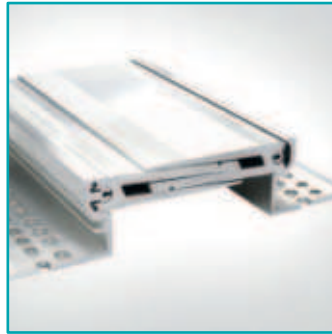
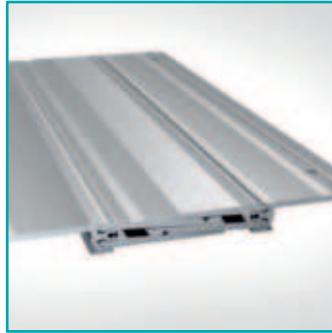
» AR259-150



Suitable for Walls and ceilings which are compatible with AR 300 and AR 172 series floor profiles. Surface mounted Expansion Joint Profiles fitted from screw holes on both sides before delivery.



PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 258 - 030	Mill Finish, screw holed, alu&TPE top surface	35	135	11	135	Mill Finish Alu.+TPE	±5
AR 259 - 050	Mill Finish, screw holed, alu&TPE top surface	60	160	11	160	Mill Finish Alu.+TPE	±10
AR 259 - 080	Mill Finish, screw holed, alu&TPE top surface	80	180	11	180	Mill Finish Alu.+TPE	±12
AR 259 - 100	Mill Finish, screw holed, alu&TPE top surface	100	200	11	200	Mill Finish Alu.+TPE	±14
AR 259 - 150	Mill Finish, screw holed, alu&TPE top surface	150	250	11	250	Mill Finish Alu.+TPE	±25
AR 259 - 200	Mill Finish, screw holed, alu&TPE top surface	200	300	11	300	Mill Finish Alu.+TPE	±35

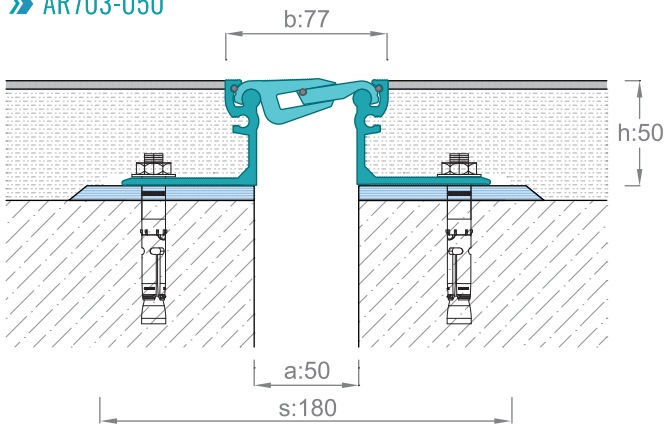


heavy duty and hygienic floor profiles

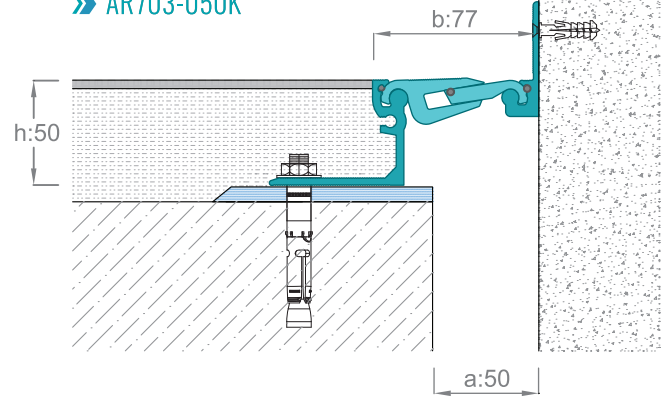
HEAVY DUTY
AND HYGIENIC
FLOOR PROFILES



» AR703-050



» AR703-050K



» AR700-050



» AR701-050



» AR702-050



» AR703-050



» AR704-050



» AR705-050

700 series floor to floor profiles are designed to be decorative, hygienic and resistant to heavy loads with special top cross section. Long-term reliable profiles can be used in many different projects such as, shopping malls, heavy industrial structures, hospitals and airports. Production length is 4 meters.

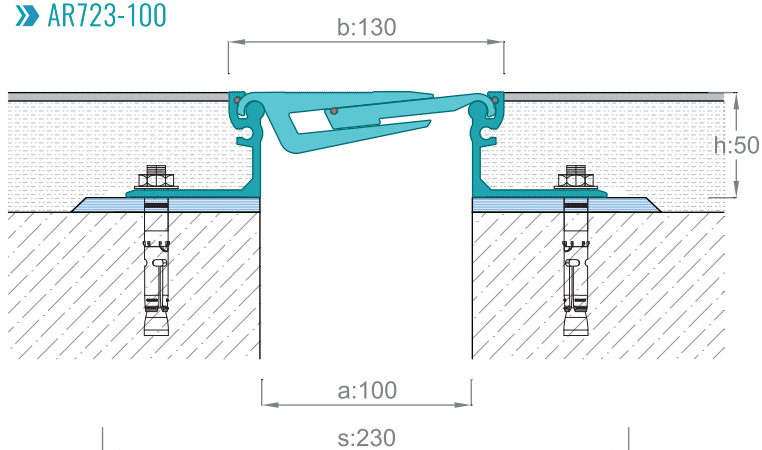
APPLICATIONS



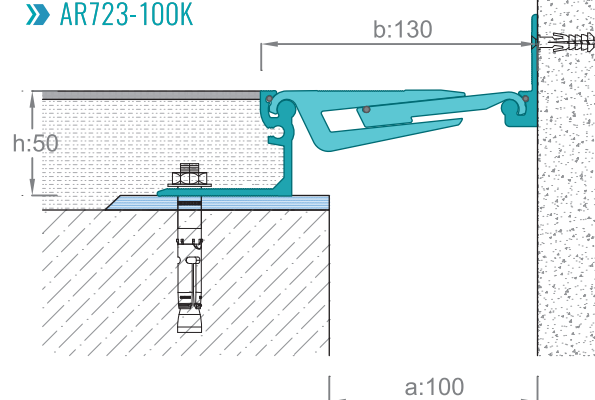
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR700-050	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	50	77	17	180	Mill Finish Alu.	± 10	3,5 Ton
AR701-050	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	50	77	30	180	Mill Finish Alu.	± 10	30 Ton 6,5 Ton
AR702-050	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	50	77	40	180	Mill Finish Alu.	± 10	30 Ton 6,5 Ton
AR703-050	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	50	77	50	180	Mill Finish Alu.	± 10	30 Ton 6,5 Ton
AR704-050	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	50	77	60	195	Mill Finish Alu.	± 10	30 Ton 6,5 Ton
AR 705-050	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	50	77	70	195	Mill Finish Alu.	± 10	30 Ton 6,5 Ton
AR710-080	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	80	110	17	210	Mill Finish Alu.	± 16	2,5 Ton
AR711-080	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	80	110	30	210	Mill Finish Alu.	± 16	30 Ton 6,5 Ton
AR712-080	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	80	110	40	210	Mill Finish Alu.	± 16	30 Ton 6,5 Ton
AR713-080	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	80	110	50	210	Mill Finish Alu.	± 16	30 Ton 6,5 Ton



» AR723-100



» AR723-100K



HEAVY DUTY
AND HYGIENIC
FLOOR PROFILES



» AR720-100



» AR721-100



» AR722-100



» AR723-100



» AR724-100



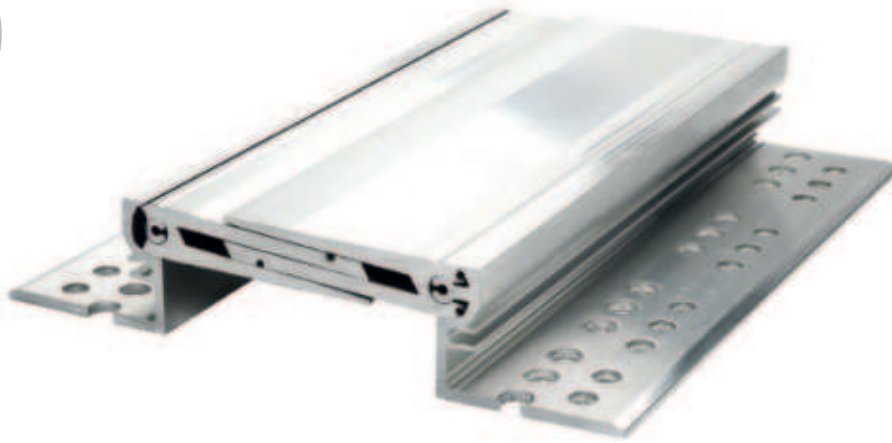
» AR725-100

Suitable for flooring covers such as, granite, marble, ceramic, industrial screed and PVC floors with different footing heights. Assembled to the floor with steel anchors by having intervals of 35 cm from both sides. Using epoxy mortar is an essential step to avoid any possible breakage which can occur at sides. Each design has its corner option available. Manufactured as in design of T, L + joining detail.

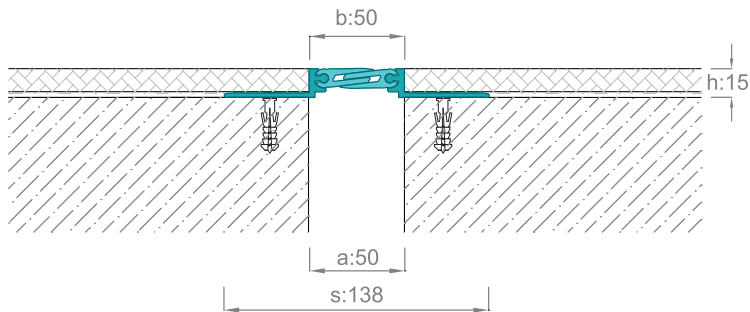
APPLICATIONS



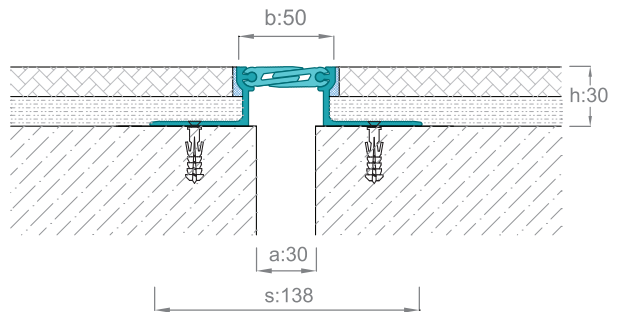
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR714-080	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	80	110	60	225	Mill Finish Alu.	± 16	30 Ton 6.5 Ton DL
AR715-080	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	80	110	70	225	Mill Finish Alu.	± 16	30 Ton 6.5 Ton DL
AR720-100	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	100	130	17	230	Mill Finish Alu.	± 20	Pedestrian Load
AR721-100	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	100	130	30	230	Mill Finish Alu.	± 20	30 Ton 6.5 Ton DL
AR722-100	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	100	130	40	230	Mill Finish Alu.	± 20	30 Ton 6.5 Ton DL
AR723-100	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	100	130	50	230	Mill Finish Alu.	± 20	30 Ton 6.5 Ton DL
AR724-100	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	100	130	60	245	Mill Finish Alu.	± 20	30 Ton 6.5 Ton DL
AR725-100	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	100	130	70	245	Mill Finish Alu.	± 20	30 Ton 6.5 Ton DL



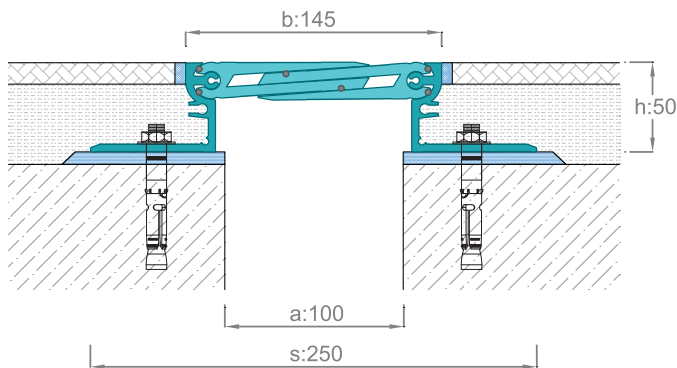
» AR820-050



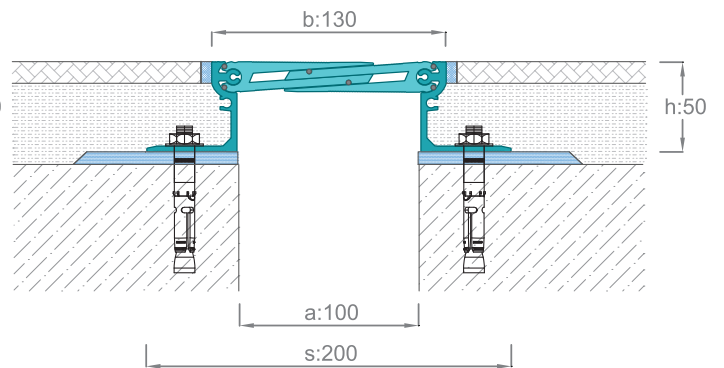
» AR821-030



» AR823-100





















» AR823-101



AR 800 series have three dimensional movement capacity and are hygienic, resistant to heavy loads with different footing heights. Suitable for all kinds of flooring types and durable at Shopping centres, hospitals, hotels and industrial structures.

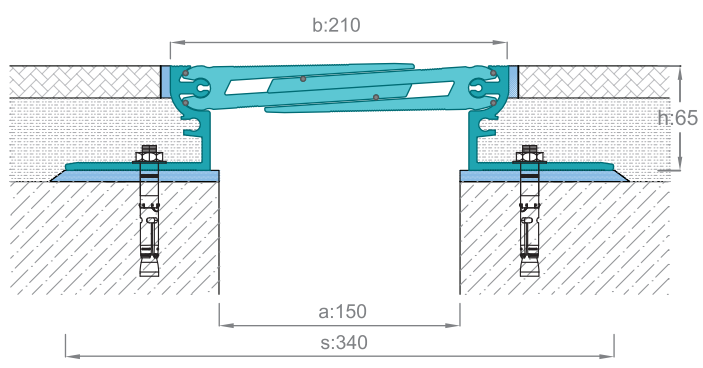
APPLICATIONS



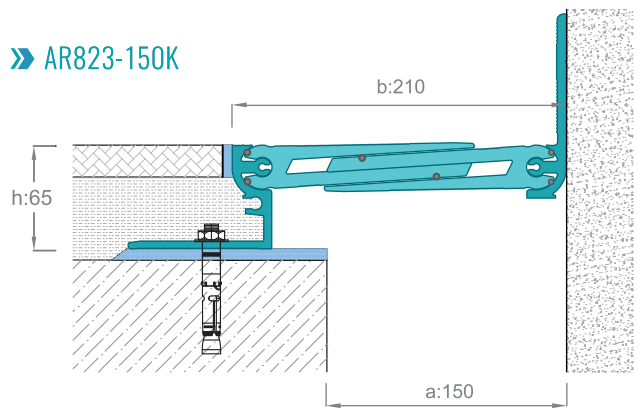
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 820 - 050	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	50	50	15	138	Mill Finish Alu.	± 5	Pedestrian Load  2.5 Ton 
AR 821 - 030	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	30	50	30	138	Mill Finish Alu.	± 5	9 Ton  3.5 Ton 
AR 823 - 100	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	100	145	25/40/50/60/70	250	Mill Finish Alu.	± 20	30 Ton  6.5 Ton 
AR 823 - 101	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	100	130	50/60/70/90	200	Mill Finish Alu.	± 18	9 Ton  3.5 Ton 
AR 823 - 150	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	150	210	65	340	Mill Finish Alu.	+30/-25	30 Ton  6.5 Ton 
AR 823 - 151	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	150	160	50	290	Mill Finish Alu.	± 20	9 Ton  3.5 Ton 
AR 823 - 200	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	200	210	65	380	Mill Finish Alu.	± 30	30 Ton  6.5 Ton 
AR 823 - 202	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	200	208	50	340	Mill Finish Alu.	± 30	9 Ton  3.5 Ton 
AR 823 - 250	Suitable for Shopping Malls, Hospitals/ Flat top surfaced	250	260	65	430	Mill Finish Alu.	± 45	30 Ton  6.5 Ton 



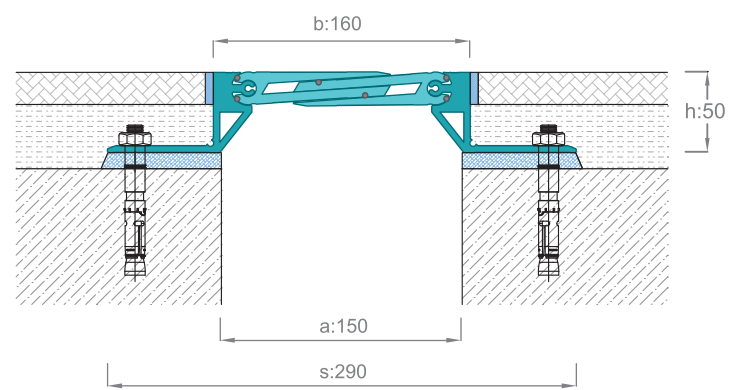
» AR823-150



» AR823-150K



» AR823-151



» AR820-100



» AR822-100



» AR823-100



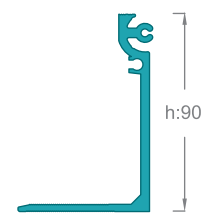
» AR824-100



» AR825-100



» AR827-101



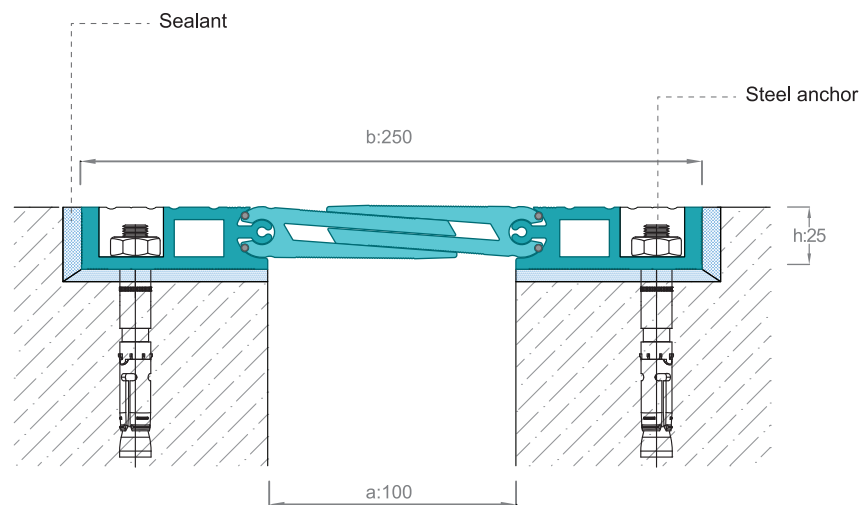
HEAVY DUTY
AND HYGIENIC
FLOOR PROFILES

APPLICATIONS

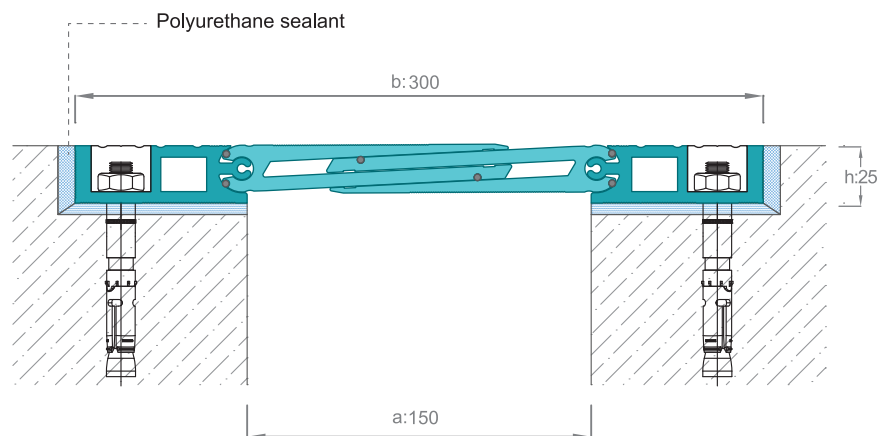




» AR821-100

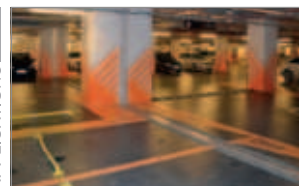


» AR821-150

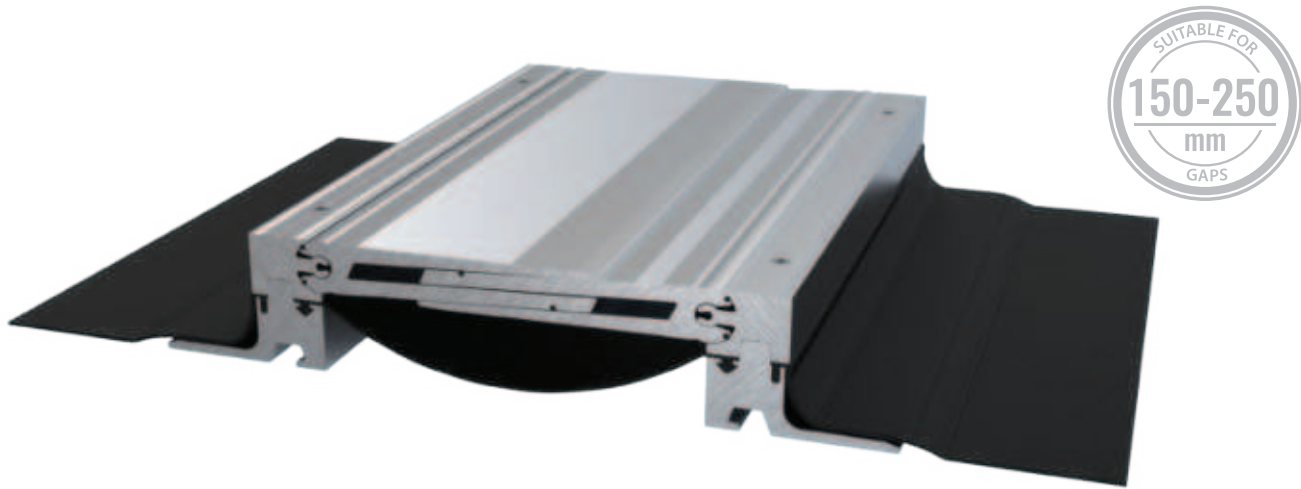


Special for no cover-floors. Easily applicable to the small gap ranges and resistant to heavy loads. At least, 30 mm x 80 mm gap dimensions are required to assemble these profiles.

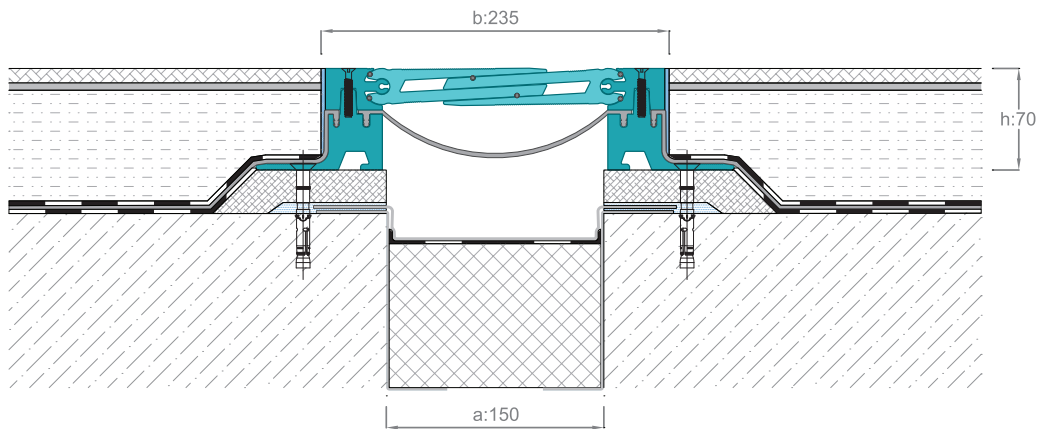
APPLICATIONS



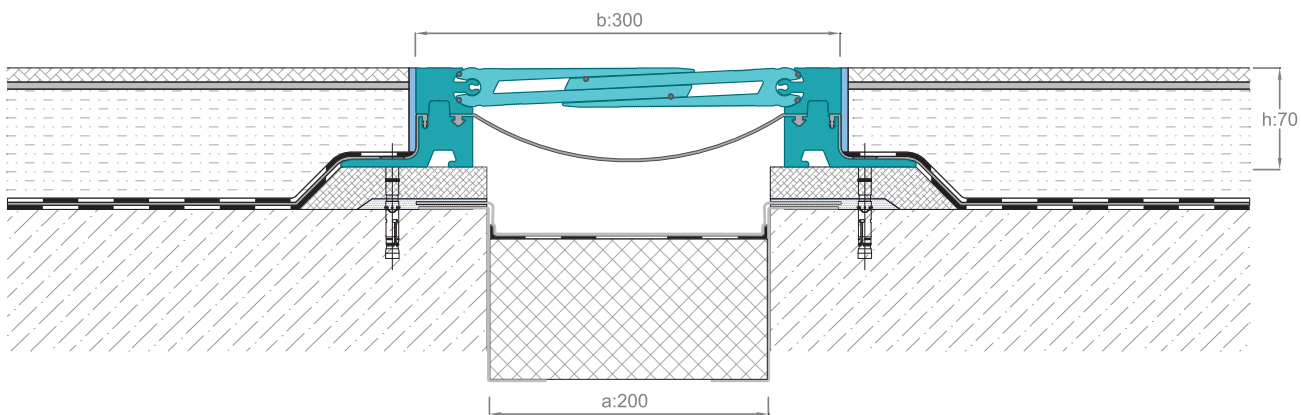
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 821 - 100	Suitable for industrial structures and carparks	100	250	25	250	Mill Finish Alu.	± 20	30 Ton 6,5 Ton
AR 821 - 150	Suitable for industrial structures and carparks	150	300	25	300	Mill Finish Alu.	± 25	30 Ton 6,5 Ton
AR 821 - 200	Suitable for industrial structures and carparks	200	380	26	380	Mill Finish Alu.	± 35	15 Ton 3,5 Ton



» AR835-150

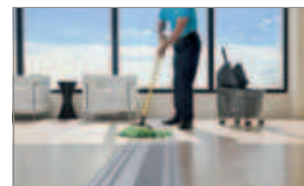


» AR835-200



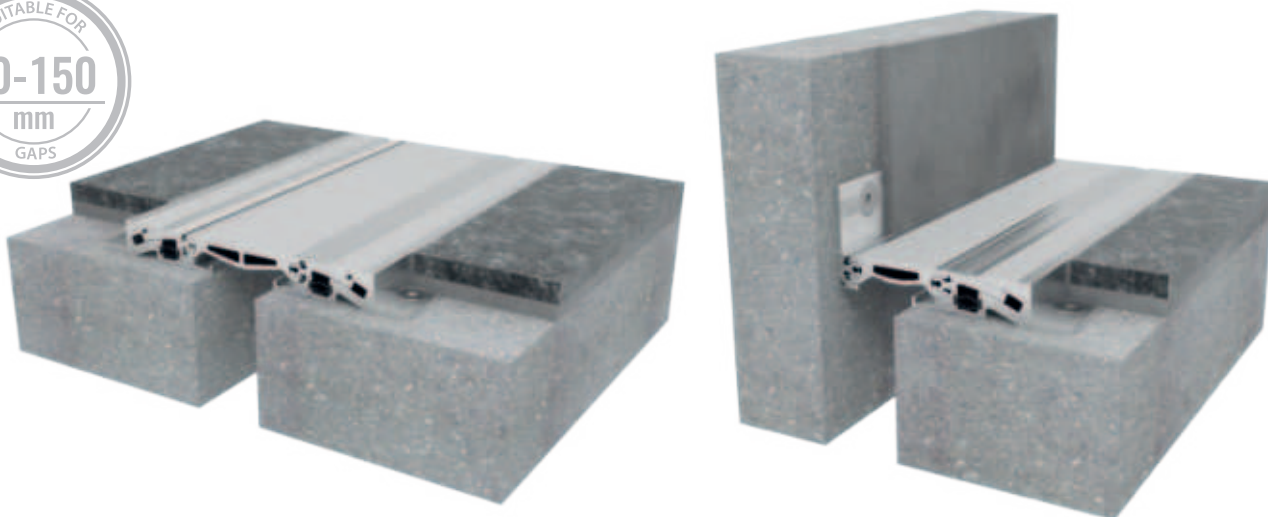
HEAVY DUTY
AND HYGIENIC
FLOOR PROFILES

APPLICATIONS

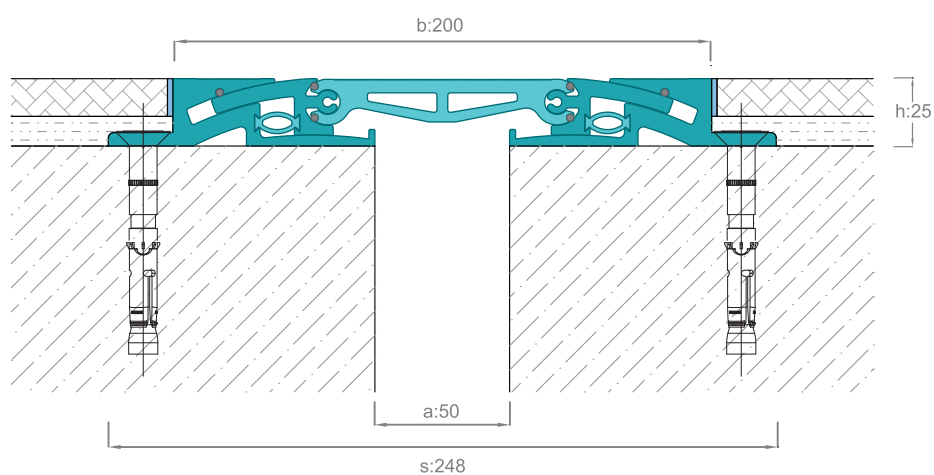


AR 835 series are multi-purpose floor expansion joint profiles. Hygienic design and optional removable waterproofing parts are resistant to heavy loads. It is preferred in airports, shopping malls, hospitals and wet areas.

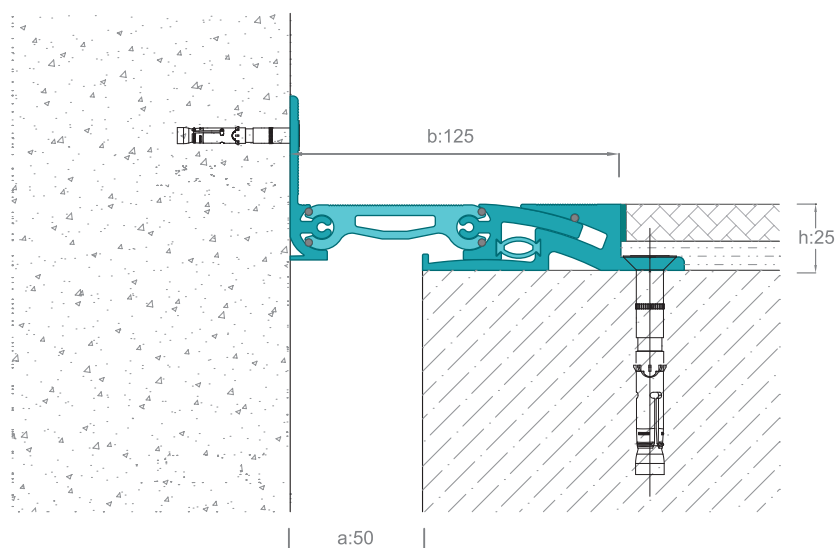
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 835 - 150	Suitable for Shopping Malls, Hospitals/ Waterproofed	150	235	70	330	Mill Finish Alu.	+50/-30	30 Ton 7 Ton
AR 835 - 200	Suitable for Shopping Malls, Hospitals/ Waterproofed	200	300	70	406	Mill Finish Alu.	± 50	30 Ton 7 Ton
AR 835 - 250	Suitable for Shopping Malls, Hospitals/ Waterproofed	250	350	70	456	Mill Finish Alu.	± 50	16 Ton 3.5 Ton



» AR841-050

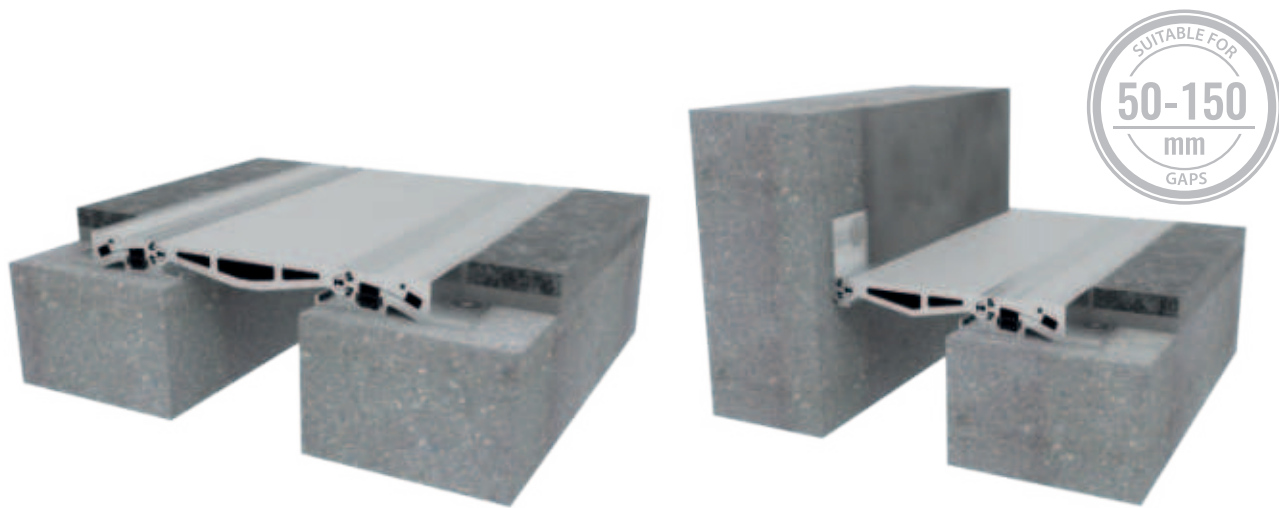


» AR841-050K

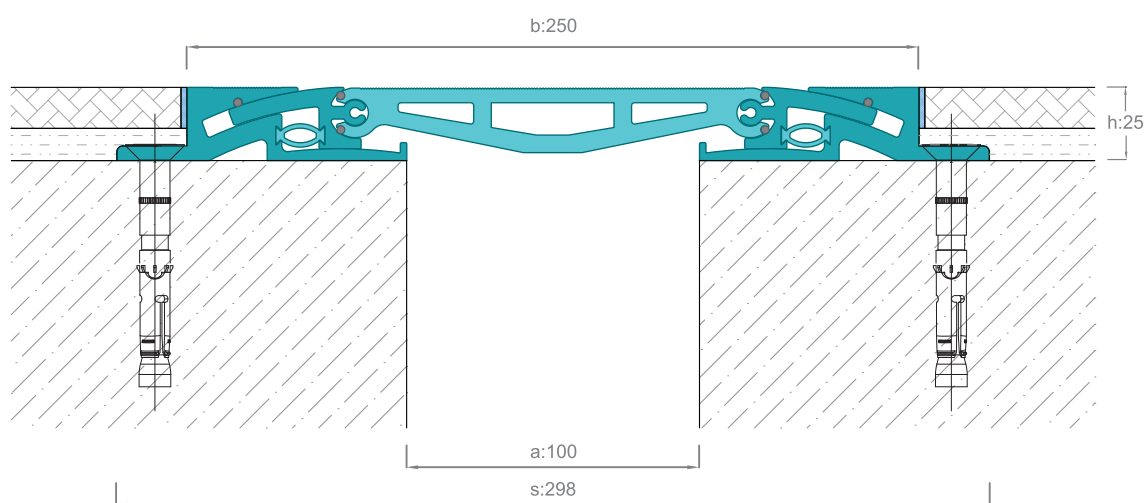


Fully Aluminium top surfaced Expansion Joint profiles are resistant to heavy loads. Movable in three dimensional directions and have non-slip surface.

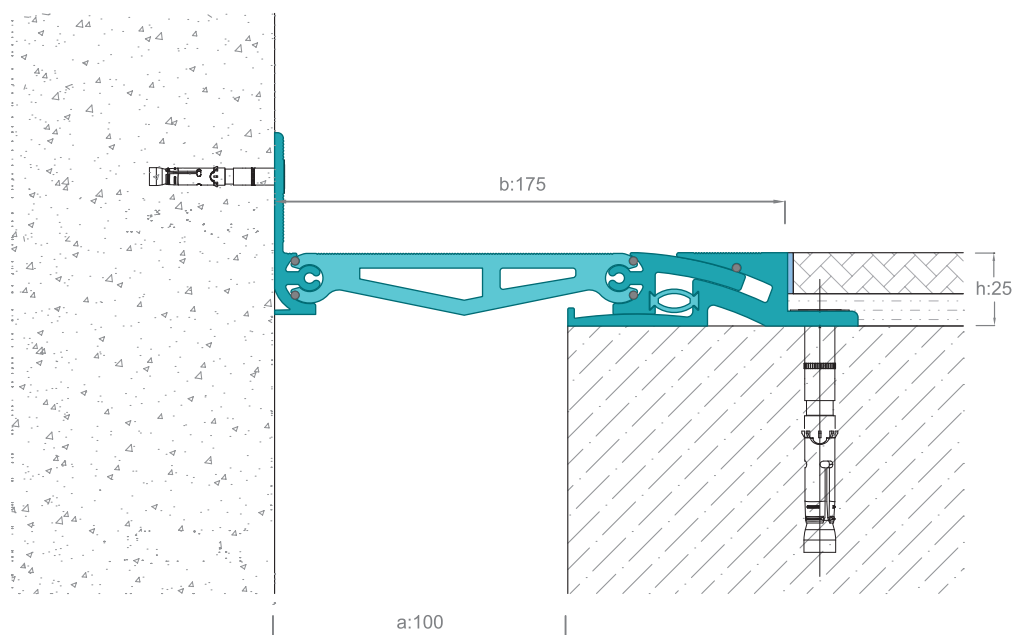
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 841 - 050	Suitable for intense vehicle traffic/ Alu. top surfaced.	50	200	25	248	Mill Finish Alu.	± 20	60 Ton 9 Ton
AR 841 - 100	Suitable for intense vehicle traffic/ Alu. top surfaced.	100	250	25	298	Mill Finish Alu.	± 20	60 Ton 9 Ton
AR 841 - 150	Suitable for intense vehicle traffic/ Alu. top surfaced.	150	300	25	348	Mill Finish Alu.	± 20	60 Ton 9 Ton



» AR841-100



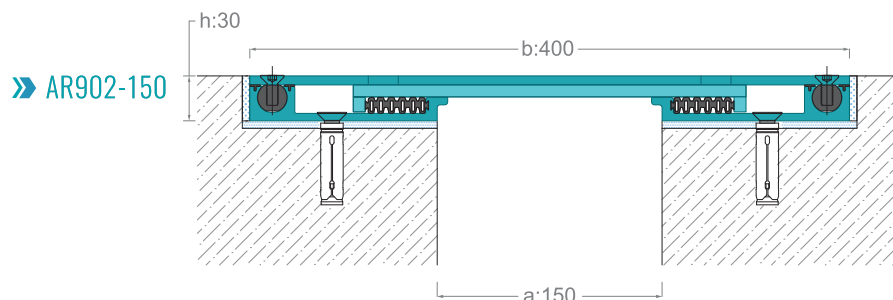
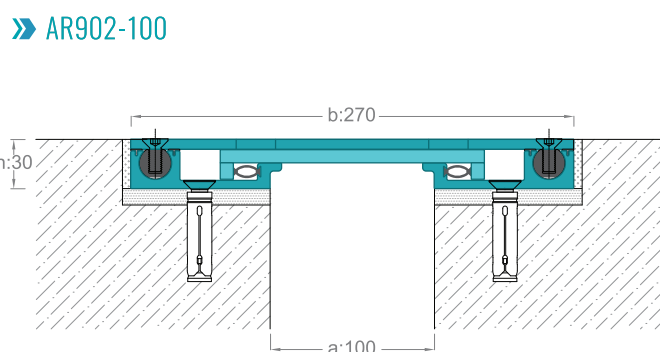
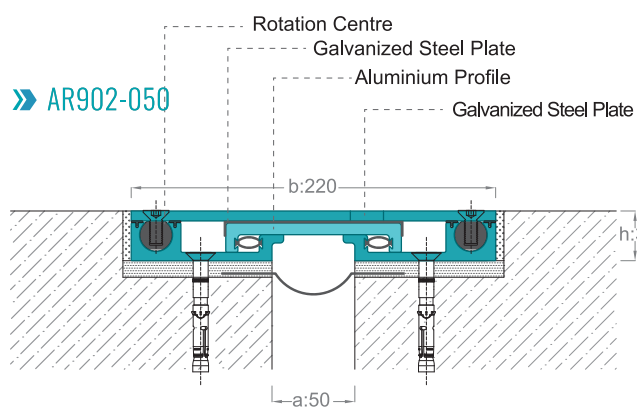
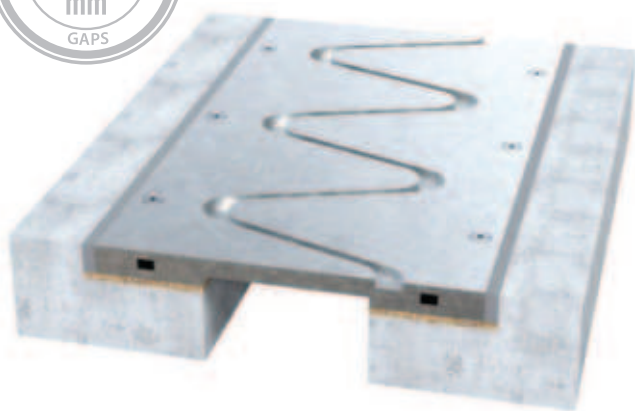
» AR841-100K



HEAVY DUTY
AND HYGIENIC
FLOOR PROFILES



APPLICATIONS

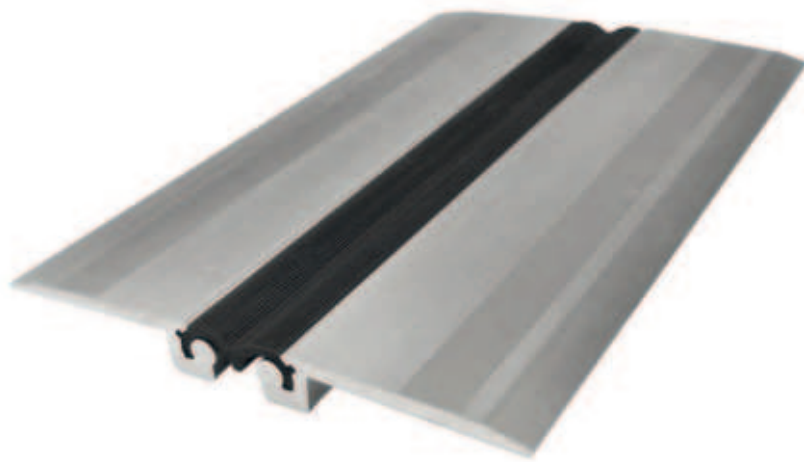


» CORNER APPLICATION

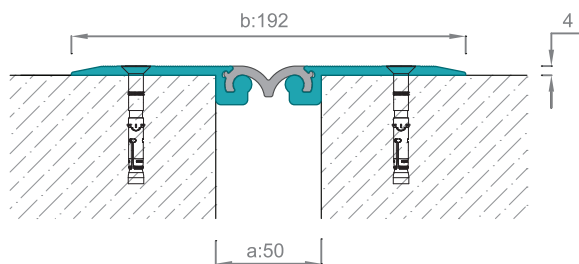
Specially designed to resist forklift loads and used in industrial structures with features of linearly curved design and steel body. Manufactured as dip galvanized and steel type. T, + joining details are also available.



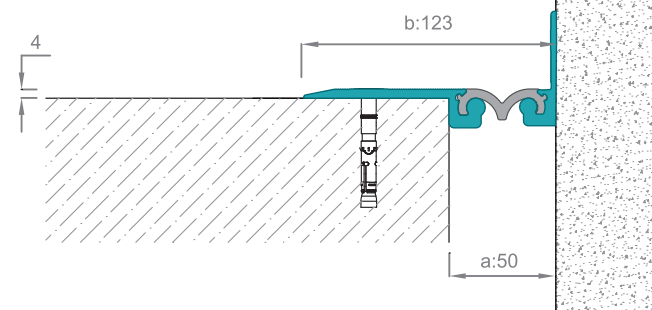
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 902 - 050	Alu. bottom part+ Galvanized top surface	50	220	30	220	Galvanized	± 20	60 Ton 9 Ton
AR 902 - 051	Alu. bottom part+ Stainless steel top surface	50	220	30	220	Stainless Steel	± 20	60 Ton 9 Ton
AR 901 - 050	Steel bottom part+ Galvanized top surface	50	200	28	200	Galvanized	± 10	60 Ton 9 Ton
AR 902 - 100	Alu. bottom part+ Galvanized top surface	100	270	30	270	Galvanized	± 25	60 Ton 9 Ton
AR 902 - 101	Alu. bottom part+ Stainless steel top surface	100	270	30	270	Stainless Steel	± 25	60 Ton 9 Ton
AR 901 - 100	Steel bottom part+ Galvanized top surface	100	300	28	300	Galvanized	± 10	60 Ton 9 Ton
AR 902 - 150	Alu. bottom part+ Galvanized top surface	150	400	30	400	Galvanized	+30/-20	60 Ton 9 Ton
AR 902 - 151	Alu. bottom part+ Stainless steel top surface	150	400	30	400	Stainless Steel	+30/-20	60 Ton 9 Ton
AR 901 - 150	Steel bottom part+ Galvanized top surface	150	350	28	350	Galvanized	± 10	60 Ton 9 Ton
AR 901 - 200	Steel bottom part+ Galvanized top surface	200	400	28	400	Galvanized	± 10	60 Ton 9 Ton



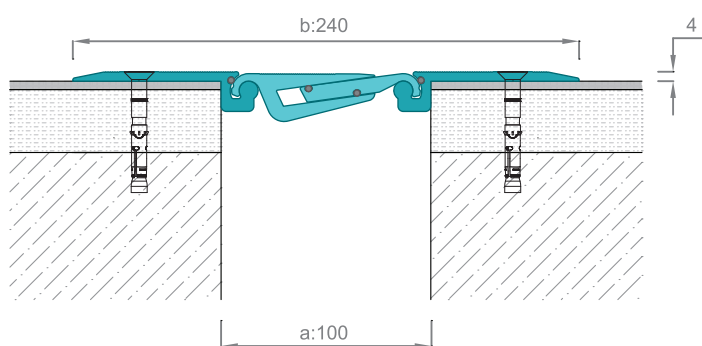
» AR753-050



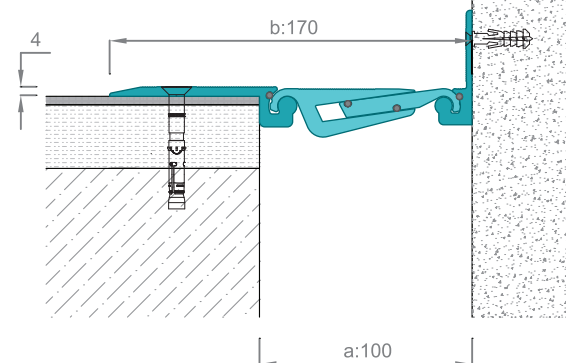
» AR753-050K



» AR773-100



» AR773-100K



HEAVY DUTY
AND HYGIENIC
FLOOR PROFILES

APPLICATIONS

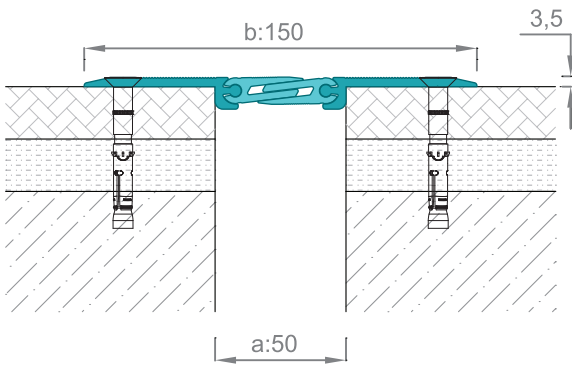


Surface mounted floor profiles are resistant to light vehicle traffic.
Can be applied on finished floor covers such as gross concrete floors.
Assembled to the floor with steel anchors.

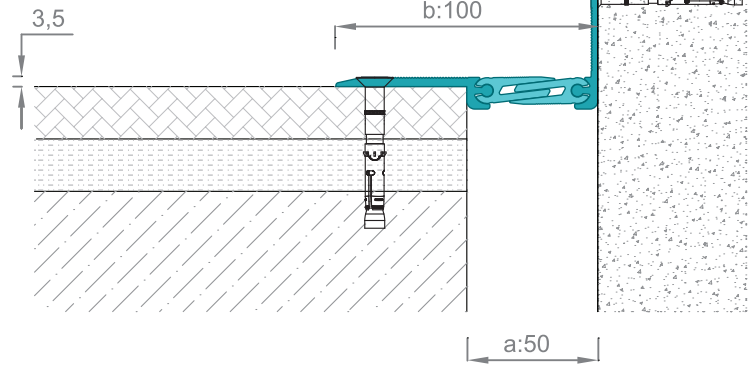
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 753 - 050	Suitable for carparks/countersink holed	50	192	14	192	Mill Finish Alu.+TPE	± 10	9 Ton 5 Ton
AR 763 - 080	Suitable for carparks/countersink holed	80	220	14	220	Mill Finish Alu.	± 10	9 Ton 3.5 Ton
AR 773 - 100	Suitable for carparks/countersink holed	100	240	14	240	Mill Finish Alu.	± 12	6 Ton 1.5 Ton



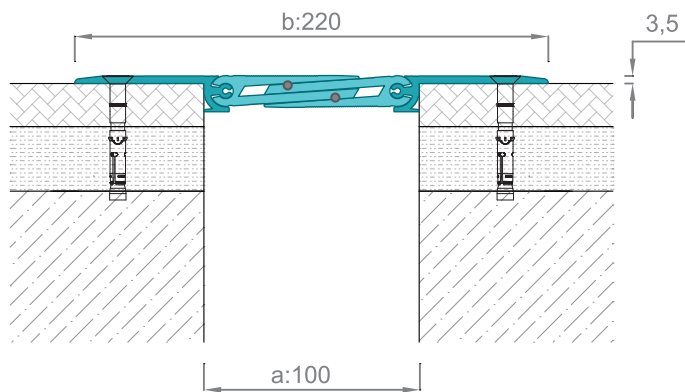
» AR883-050



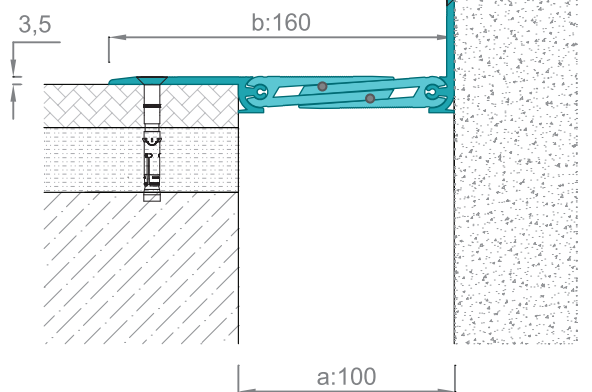
» AR883-050K



» AR883-100

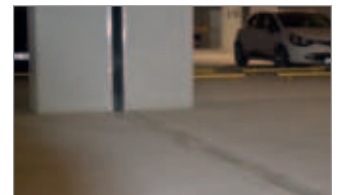


» AR883-100K

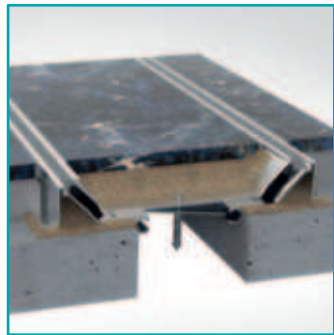
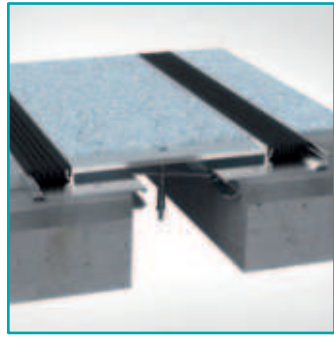
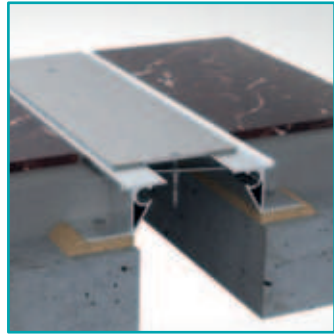
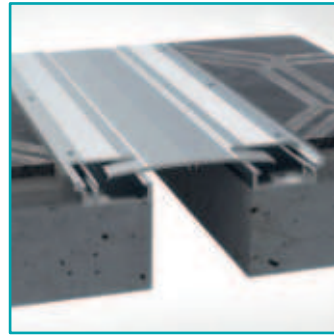
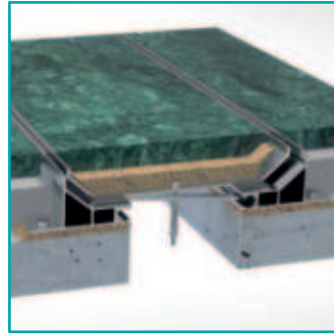


Surface Mounted floor profiles have the capacity to move in three dimensional directions.

APPLICATIONS



PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 883 - 050	Suitable for carparks/countersink holed	50	150	10	150	Mill Finish Alu.	± 5	Pedestrian Load 1.5 Ton
AR 883 - 100	Suitable for carparks/countersink holed	100	220	13	220	Mill Finish Alu.	± 12	6 Ton 1.5 Ton
AR 883 - 150	Suitable for carparks/countersink holed	150	300	20	300	Mill Finish Alu.	± 25	3.5 Ton 1.5 Ton
AR 883 - 200	Suitable for carparks/countersink holed	200	350	20	350	Mill Finish Alu.	+40/-15	3.5 Ton 2 Ton

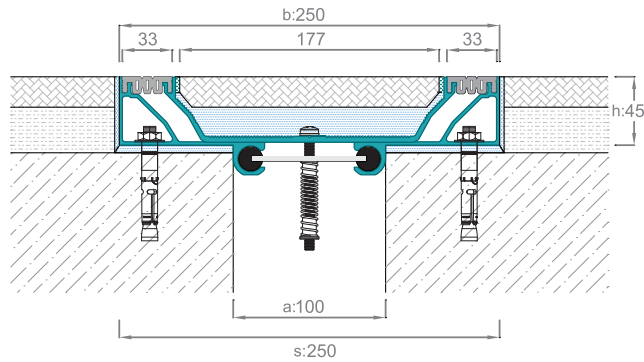


seismic expansion joint profiles

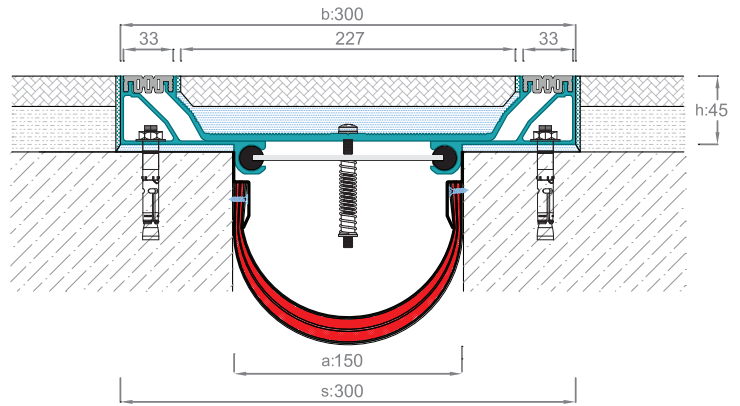
SEISMIC
EXPANSION JOINT
PROFILES



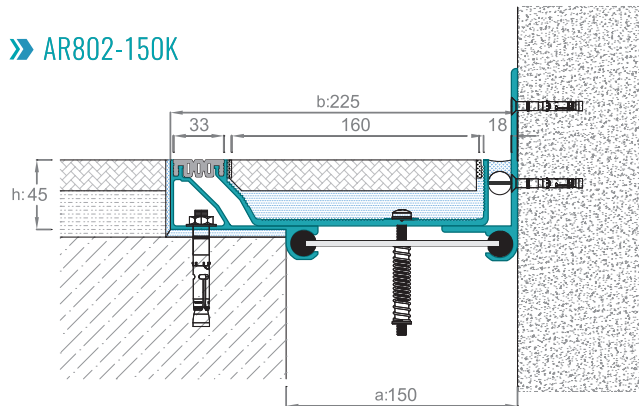
» AR802-100



» AR802-150



» AR802-150K



Suitable for low levelled floor covers such as PVC and epoxy covers. High movable capacity and large TPE gasketed profiles are usable for floors. (Please refer to page 62 for wall and ceiling options.)

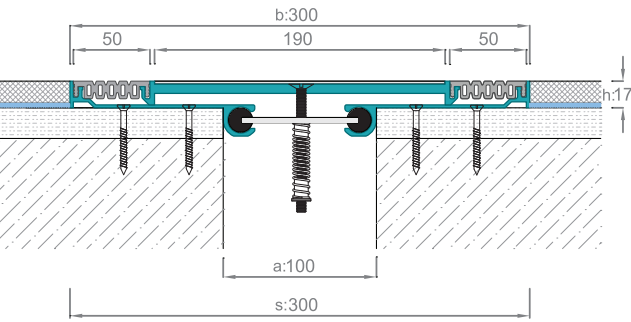
APPLICATIONS



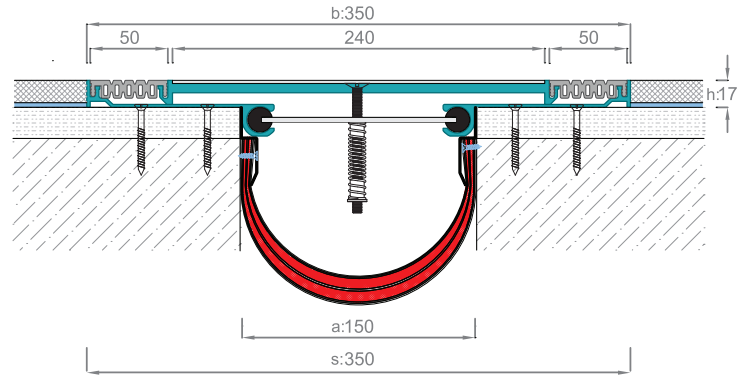
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR802-100	Seismic floor expansion joint profile with gasket	100	250	45	250	Mill Finish Alu.+TPE+Floor Covers	± 50	Pedestrian Traffic Cleaning Machine
AR802-150	Seismic floor expansion joint profile with gasket	150	300	45	300	Mill Finish Alu.+TPE+Floor Covers	± 70	Pedestrian Traffic Cleaning Machine
AR802-200	Seismic floor expansion joint profile with gasket	200	400	45	400	Mill Finish Alu.+TPE+Floor Covers	+100/-80	Pedestrian Traffic Cleaning Machine
AR802-250	Seismic floor expansion joint profile with gasket	250	550	60	550	Mill Finish Alu.+TPE+Floor Covers	± 125	Pedestrian Traffic Cleaning Machine
AR802-300	Seismic floor expansion joint profile with gasket	300	600	60	600	Mill Finish Alu.+TPE+Floor Covers	± 150	Pedestrian Traffic Cleaning Machine
AR802-350	Seismic floor expansion joint profile with gasket	350	650	60	650	Mill Finish Alu.+TPE+Floor Covers	± 175	Pedestrian Traffic Cleaning Machine
AR802-400	Seismic floor expansion joint profile with gasket	400	700	60	700	Mill Finish Alu.+TPE+Floor Covers	+175/-200	Pedestrian Traffic Cleaning Machine
AR802-450	Seismic floor expansion joint profile with gasket	450	750	60	750	Mill Finish Alu.+TPE+Floor Covers	+175/-225	Pedestrian Traffic Cleaning Machine
AR802-500	Seismic floor expansion joint profile with gasket	500	800	60	800	Mill Finish Alu.+TPE+Floor Covers	+175/-250	Pedestrian Traffic Cleaning Machine



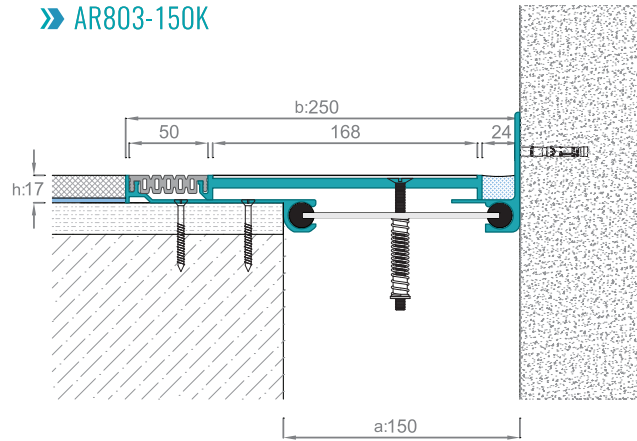
» AR803-100



» AR803-150



» AR803-150K



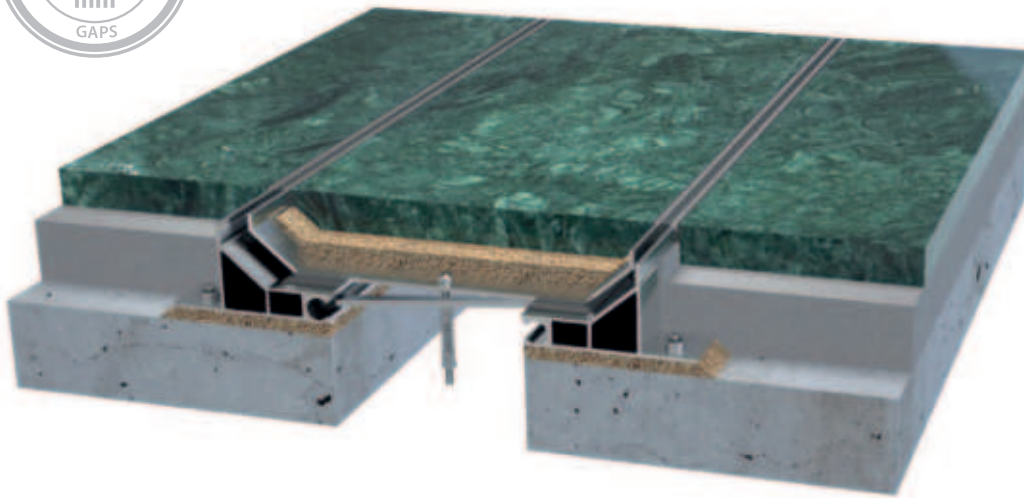
SEISMIC
EXPANSION JOINT
PROFILES

APPLICATIONS

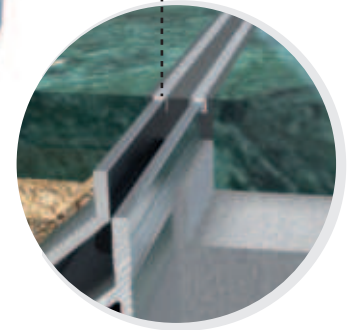


Suitable for low levelled floor covers such as PVC and epoxy covers. High movable capacity and large TPE gasketed profiles are usable for floors. (Please refer to page 62 for wall and ceiling options.)

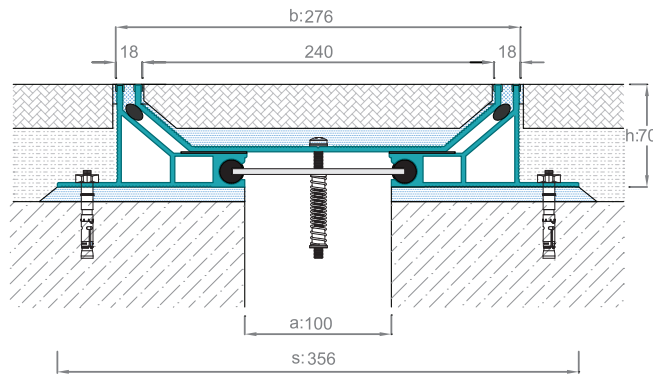
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR803-100	Suitable for PVC floor cover/ gasketed	100	300	17	300	Mill Finish Alu.+ TPE+ Cover	± 50	Pedestrian Traffic Cleaning Machine
AR803-150	Suitable for PVC floor cover/ gasketed	150	350	17	350	Mill Finish Alu.+ TPE+ Cover	± 75	Pedestrian Traffic Cleaning Machine
AR803-200	Suitable for PVC floor cover/ gasketed	200	400	17	400	Mill Finish Alu.+ TPE+ Cover	±100	Pedestrian Traffic Cleaning Machine



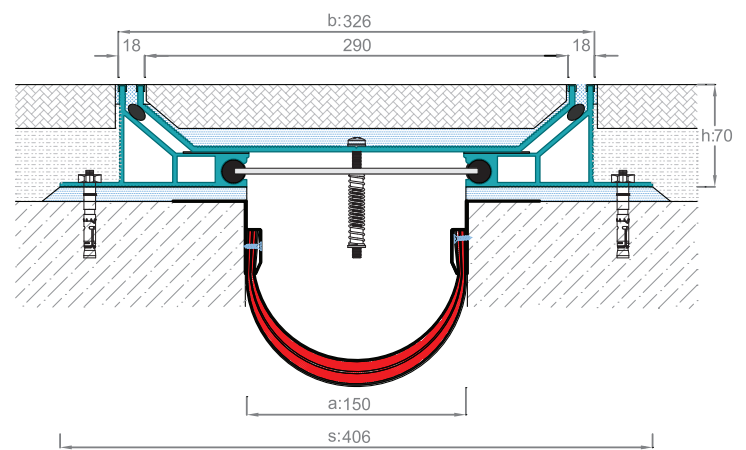
Stainless Steel U Profile



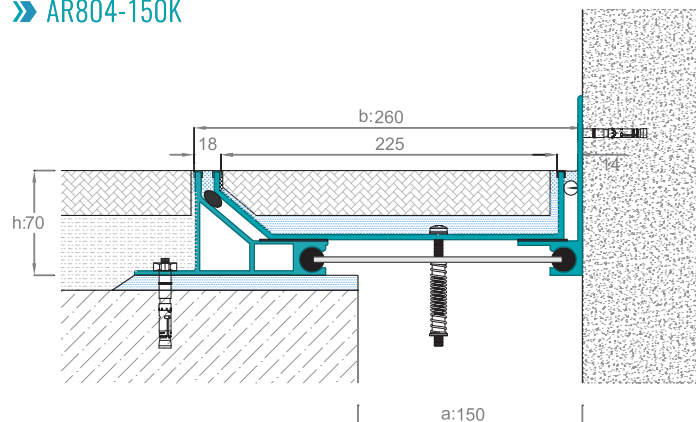
» AR804-100



» AR804-150



» AR804-150K



Designed to apply on large gaps and provide small visible portions. Even though, AR 803 series has less movement capacity compared to other seismic profiles, the decorative design still makes it special to be preferred. (Please refer to page 63 for wall and ceiling options.)

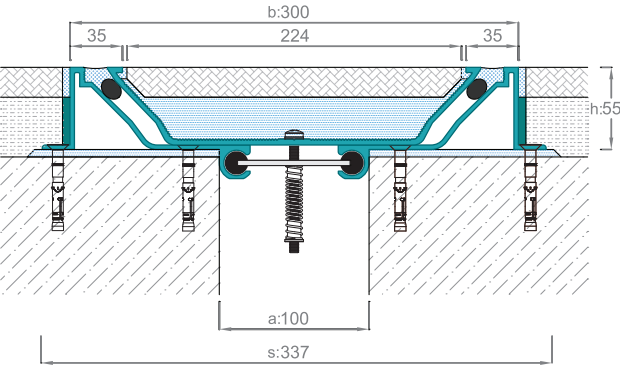
APPLICATIONS



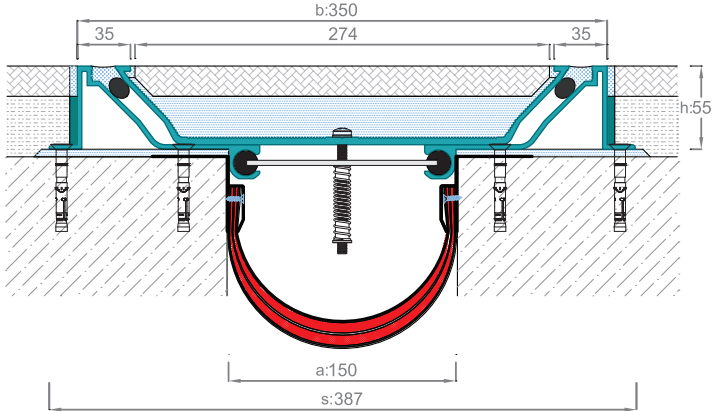
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 804 - 100	Stainless Steel top surface + sealant application	100	276	70	356	Stainless Steel + Sealant+ Floor Cover	± 50	Pedestrian Traffic Cleaning Machine
AR 804 - 150	Stainless Steel top surface + sealant application	150	326	70	406	Stainless Steel + Sealant+ Floor Cover	± 75	Pedestrian Traffic Cleaning Machine
AR 804 - 200	Stainless Steel top surface + sealant application	200	490	70	571	Stainless Steel + Sealant+ Floor Cover	± 75	Pedestrian Traffic Cleaning Machine
AR 804 - 250	Stainless Steel top surface + sealant application	250	540	70	621	Stainless Steel + Sealant+ Floor Cover	± 75	Pedestrian Traffic Cleaning Machine
AR 804 - 300	Stainless Steel top surface + sealant application	300	590	70	671	Stainless Steel + Sealant+ Floor Cover	± 75	Pedestrian Traffic Cleaning Machine



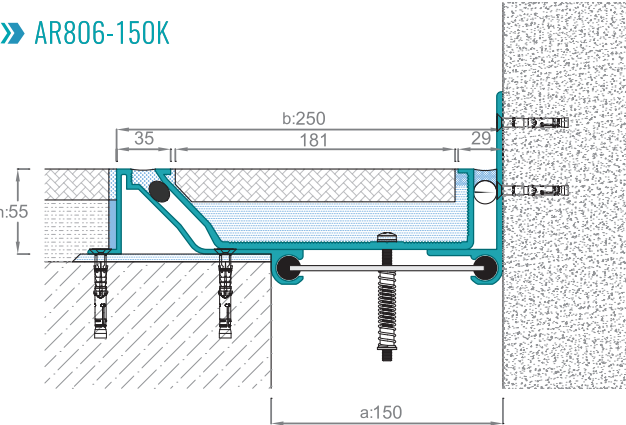
» AR806-100



» AR806-150

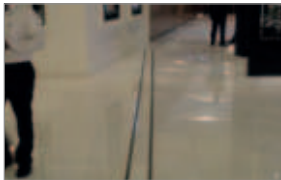


» AR806-150K

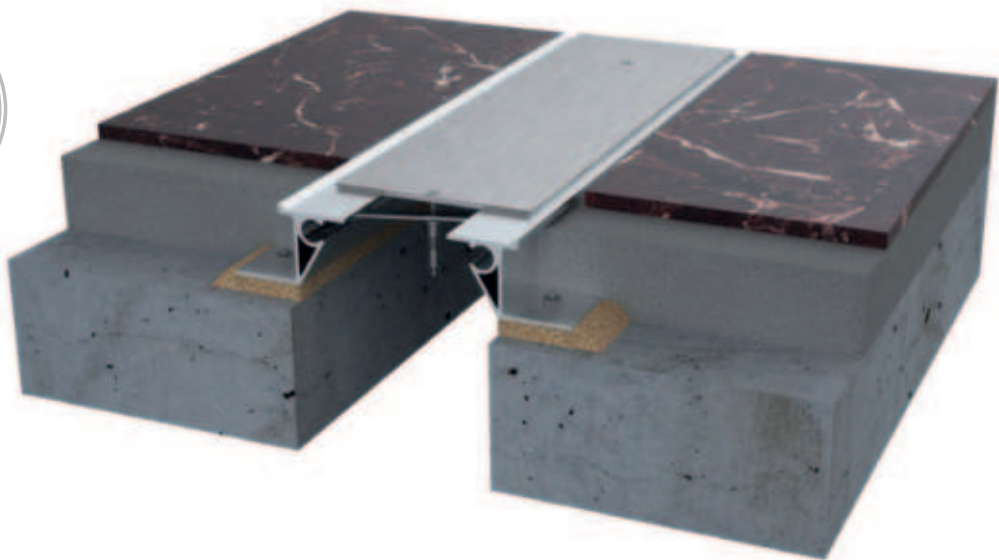


AR 806 series are economic and alternative options to Floor Seismic Expansion joint Profiles to have high movement capacity. They are applicable to large gaps with very narrow visible surface. Suitable for all flooring types. Epoxy filler used in the middle part to avoid any cracks or damages could occur to floor cover. (Please refer to page 64 for wall and ceiling options.)

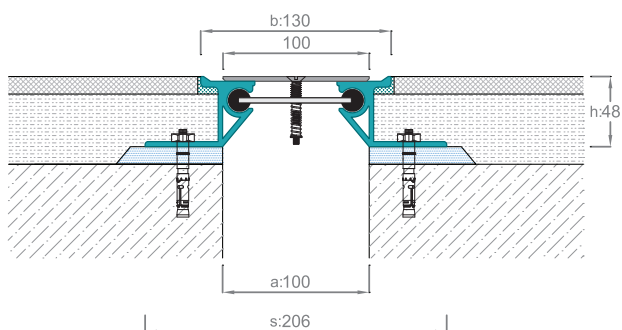
APPLICATIONS



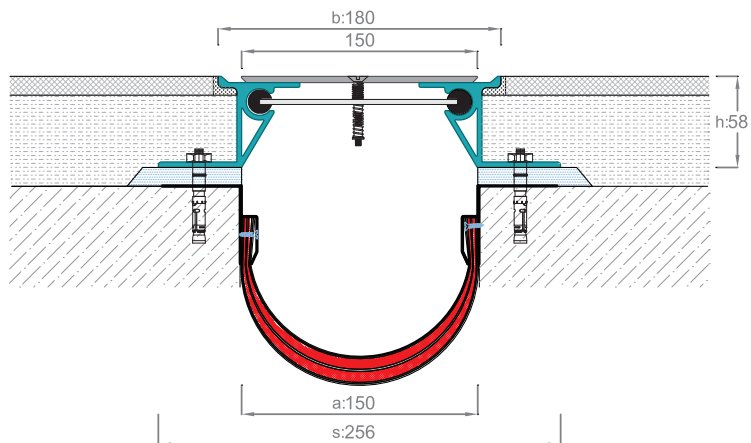
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 806 - 100	Sealant applied seismic floor profile	100	300	55	337	Mill Finish Alu.+Sealant+ Floor Cover	± 50	Pedestrian Traffic Cleaning Machine
AR 806 - 150	Sealant applied seismic floor profile	150	350	55	387	Mill Finish Alu.+Sealant+ Floor Cover	± 75	Pedestrian Traffic Cleaning Machine
AR 806 - 200	Sealant applied seismic floor profile	200	400	55	437	Mill Finish Alu.+Sealant+ Floor Cover	±100	Pedestrian Traffic Cleaning Machine
AR 806 - 250	Sealant applied seismic floor profile	250	550	65	587	Mill Finish Alu.+Sealant+ Floor Cover	±125	Pedestrian Traffic Cleaning Machine
AR 806 - 300	Sealant applied seismic floor profile	300	600	65	637	Mill Finish Alu.+Sealant+ Floor Cover	± 150	Pedestrian Traffic Cleaning Machine
AR 806 - 350	Sealant applied seismic floor profile	350	650	65	687	Mill Finish Alu.+Sealant+ Floor Cover	± 175	Pedestrian Traffic Cleaning Machine
AR 806 - 400	Sealant applied seismic floor profile	400	700	65	737	Mill Finish Alu.+Sealant+ Floor Cover	±200	Pedestrian Traffic Cleaning Machine
AR 806 - 450	Sealant applied seismic floor profile	450	750	65	787	Mill Finish Alu.+Sealant+ Floor Cover	±200	Pedestrian Traffic Cleaning Machine
AR 806 - 500	Sealant applied seismic floor profile	500	800	65	837	Mill Finish Alu.+Sealant+ Floor Cover	±200	Pedestrian Traffic Cleaning Machine



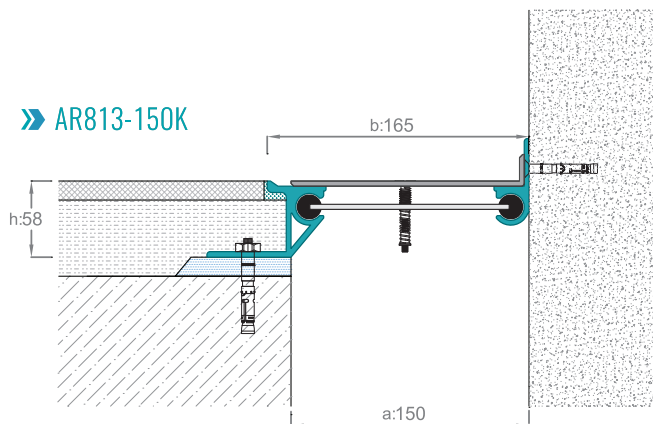
» AR813-100



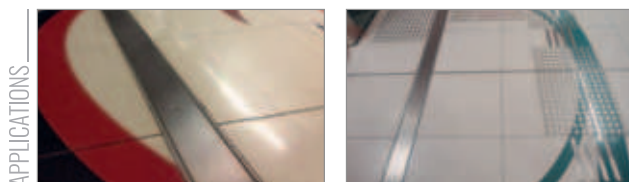
» AR813-150



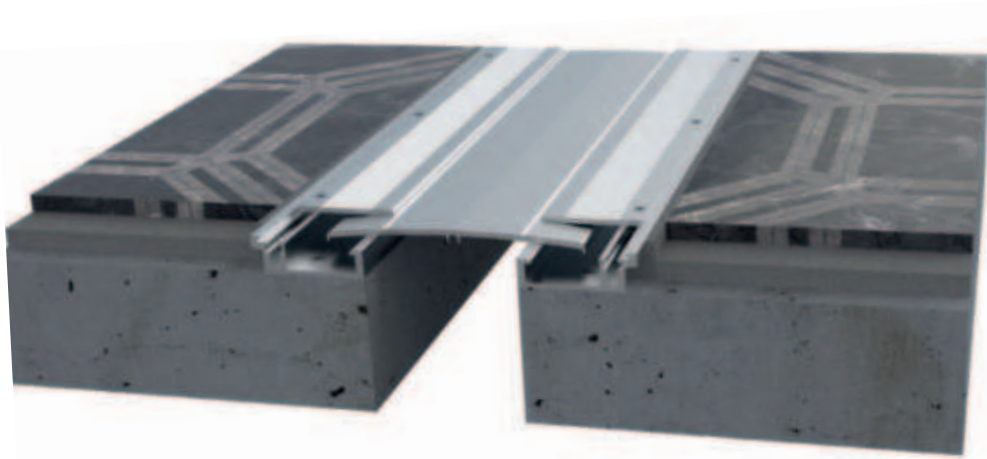
» AR813-150K



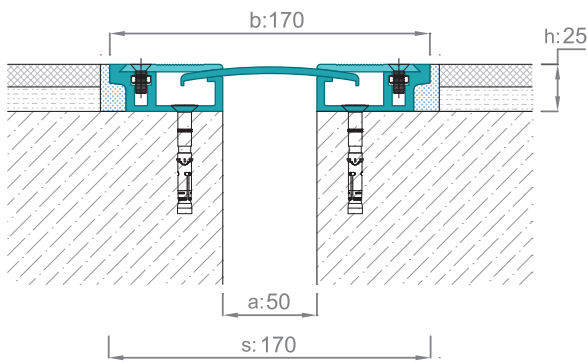
Hygienic and Decorative AR 813 series profiles are composed of aluminium bottom profile and stainless steel top plate. Especially used in metro stations, shopping centres and hospitals. (Please refer to page 65 for wall and ceiling options.)



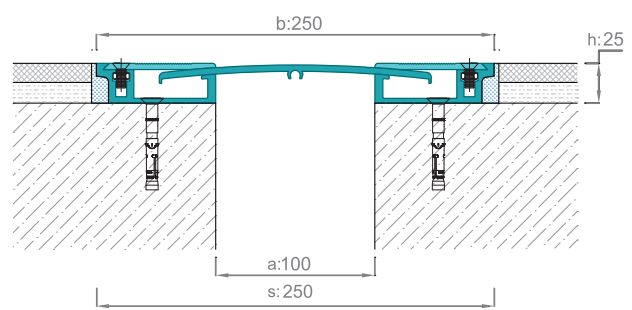
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 813 - 100	Stainless Steel top surface + Seismic floor profile	100	130	48	206	Mill Finish Alu.+ Stainless Steel	+40/-50	3,5 Ton
AR 813 - 150	Stainless Steel top surface + Seismic floor profile	150	180	58	256	Mill Finish Alu.+ Stainless Steel	+60/-60	3,5 Ton
AR 813 - 200	Stainless Steel top surface + Seismic floor profile	200	230	58	306	Mill Finish Alu.+ Stainless Steel	+60/-100	3,5 Ton
AR 813 - 250	Stainless Steel top surface + Seismic floor profile	250	280	58	356	Mill Finish Alu.+ Stainless Steel	+60/-125	Pedestrian Traffic Cleaning Machine
AR 813 - 300	Stainless Steel top surface + Seismic floor profile	300	330	58	406	Mill Finish Alu.+ Stainless Steel	+60/-150	Pedestrian Traffic Cleaning Machine



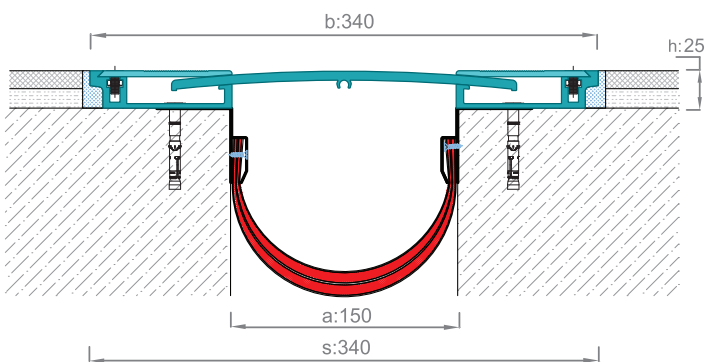
» AR851-050



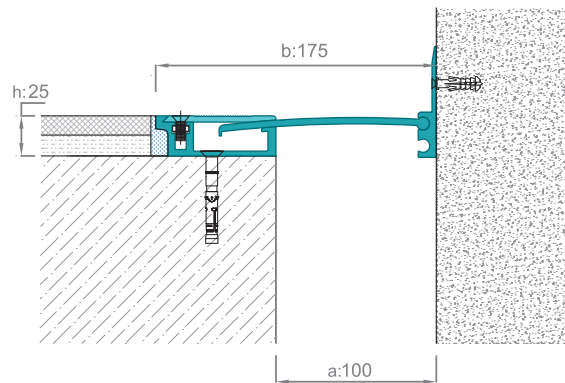
» AR851-100



» AR851-150



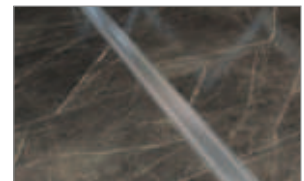
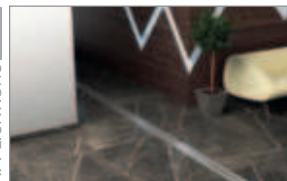
» AR851-100K



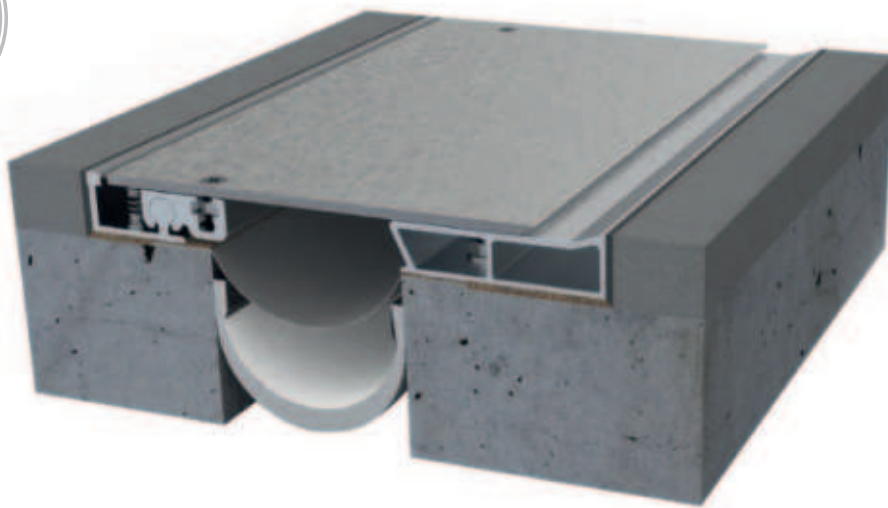
SEISMIC
EXPANSION JOINT
PROFILES

Seismic floor expansion joint profiles have the features of high movement capacity and resistant to heavy loads with completely aluminium top surface. (Please refer to page 66 for wall and ceiling options.)

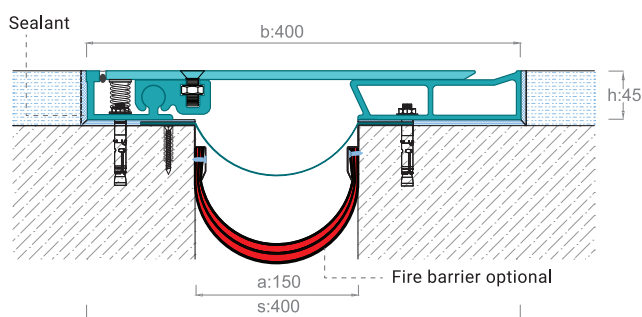
APPLICATIONS



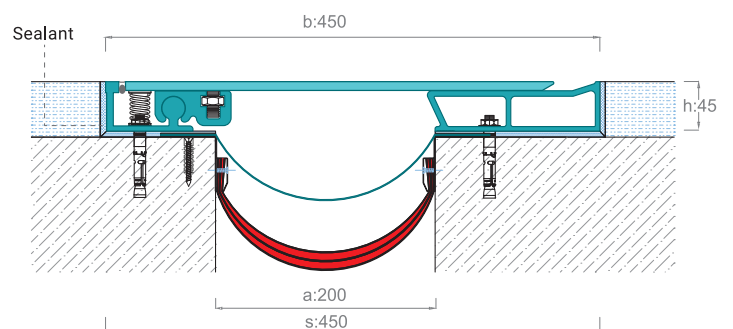
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR851-050	Aluminium top surfaced Seismic floor profile	50	170	25	170	Mill Finish Alu.	± 25	3 Ton
AR851-100	Aluminium top surfaced Seismic floor profile	100	250	25	250	Mill Finish Alu.	+50/-30	2,5 Ton
AR851-101	Aluminium top surfaced Seismic floor profile	100	290	25	290	Mill Finish Alu.	±60	2,5 Ton
AR851-125	Aluminium top surfaced Seismic floor profile	125	330	25	330	Mill Finish Alu.	±60	2,5 Ton
AR851-150	Aluminium top surfaced Seismic floor profile	150	340	25	340	Mill Finish Alu.	±60	2,5 Ton
AR851-200	Aluminium top surfaced Seismic floor profile	200	390	25	390	Mill Finish Alu.	± 60	1,5 Ton Pedestrian Traffic



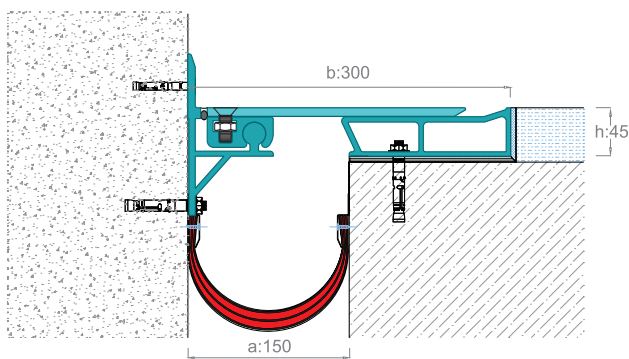
» AR931-150



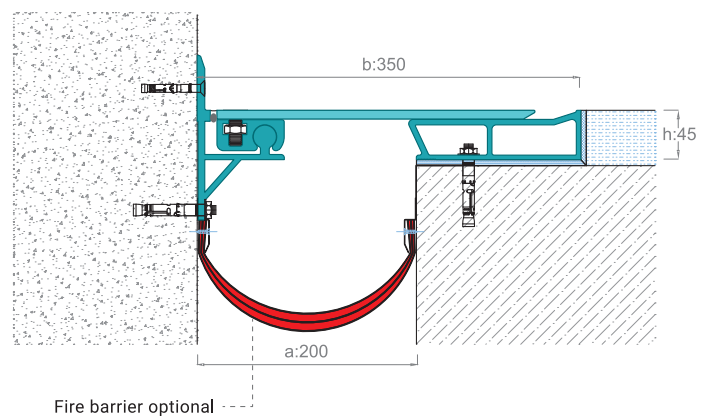
» AR931-200



» AR931-150K



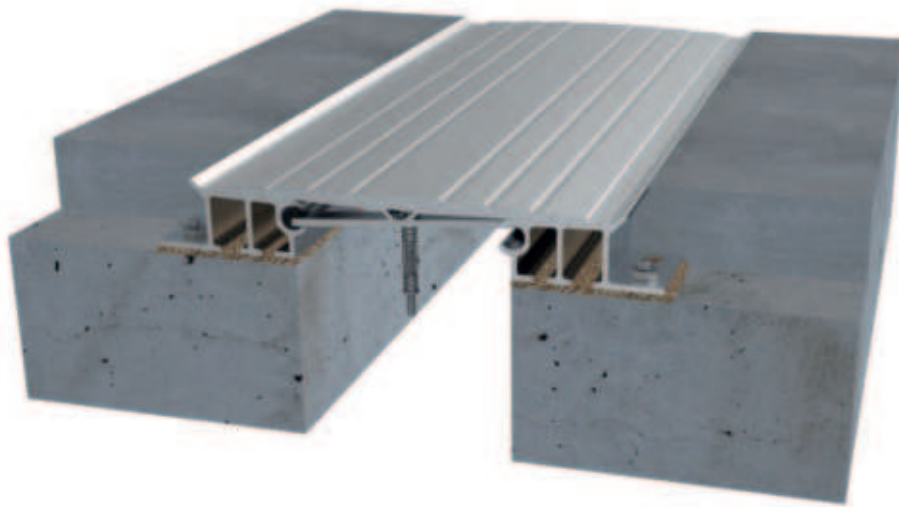
» AR931-200K



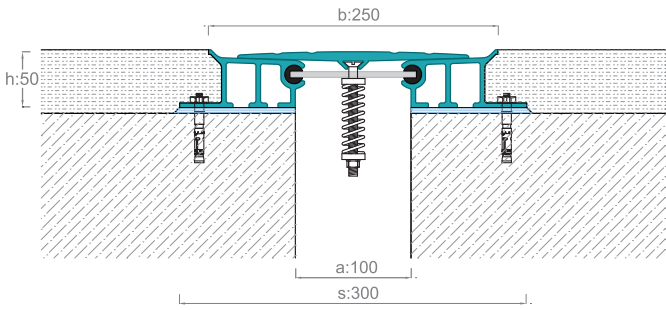
Flush mounted floor profiles are one sided articulated and have alternative top surface options made of galvanize steel and aluminium.



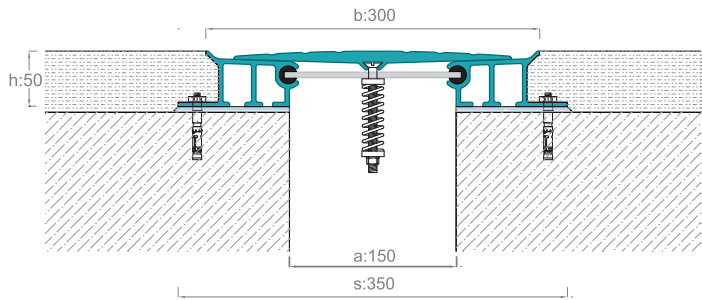
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR931-100	Suitable for Industrial structures and carparks	100	350	45	350	Mill Finish Alu.	± 50	30 Ton 6.5 Ton
AR931-150	Suitable for Industrial structures and carparks	150	400	45	400	Mill Finish Alu.+Galvanized Steel	±75	30 Ton 6.5 Ton
AR931-200	Suitable for Industrial structures and carparks	200	450	45	450	Mill Finish Alu.+Galvanized Steel	±100	15 Ton 3.5 Ton
AR931-250	Suitable for Industrial structures and carparks	250	550	45	550	Mill Finish Alu.+Galvanized Steel	±100	15 Ton 3.5 Ton
AR931-300	Suitable for Industrial structures and carparks	300	600	45	600	Mill Finish Alu.+Galvanized Steel	±100	15 Ton 3.5 Ton



» AR932-100

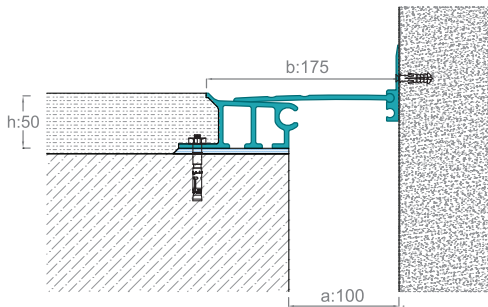


» AR932-150

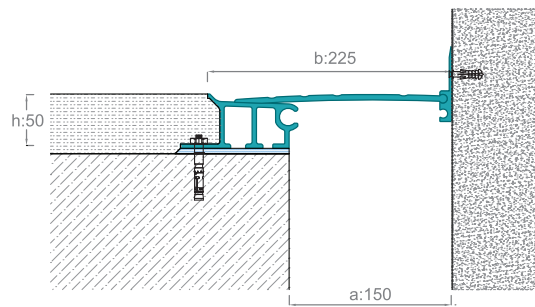


SEISMIC
EXPANSION JOINT
PROFILES

» AR932-100 K



» AR932-150 K



APPLICATIONS

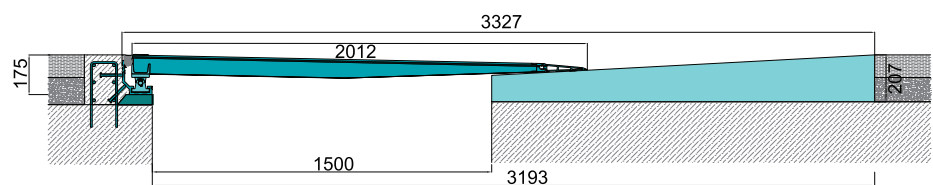
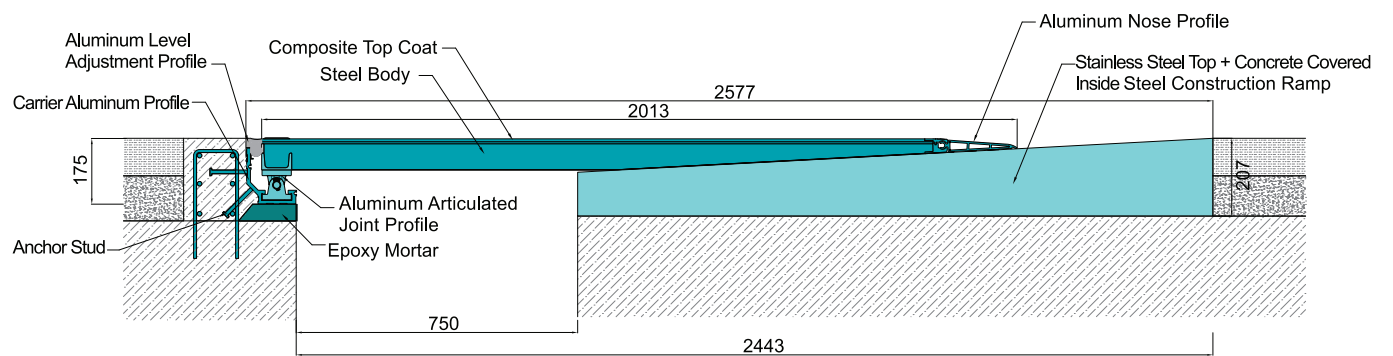
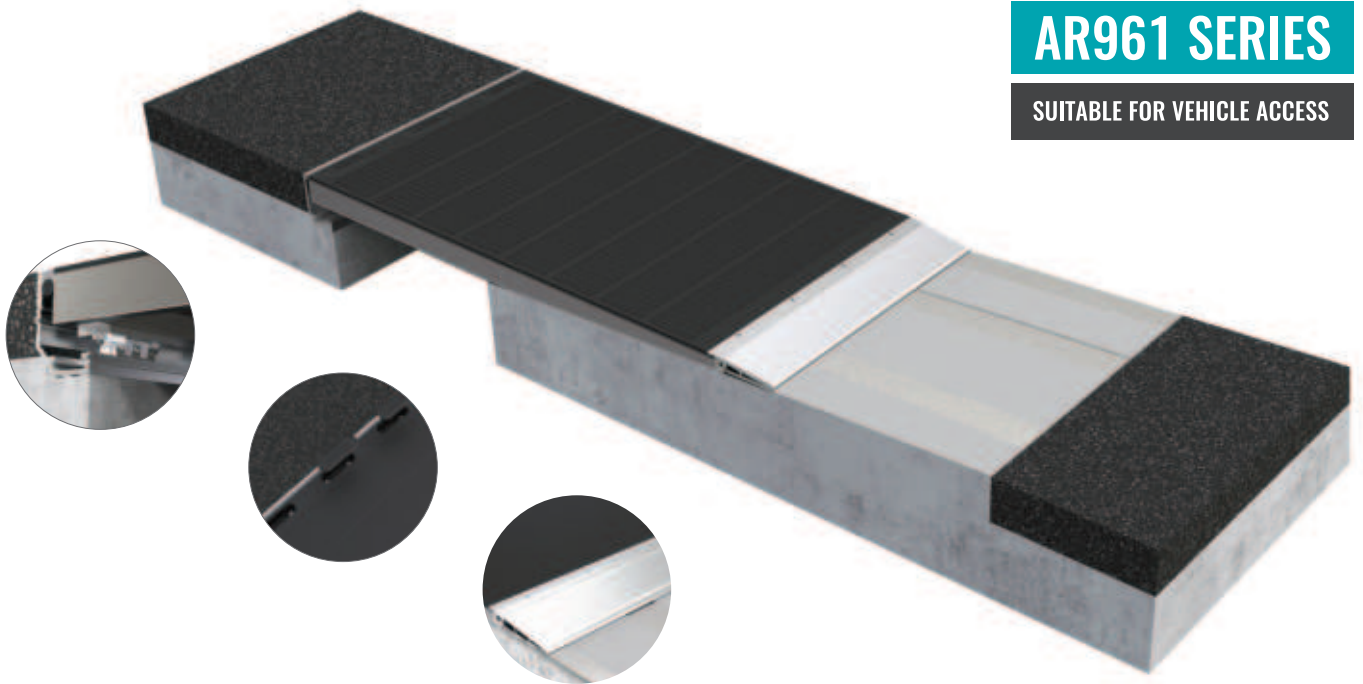


AR 932 series are composed of large Aluminium top surface and have the capacity to move in 3 dimensional directions. (Please refer to page 66 for wall and ceiling options.)

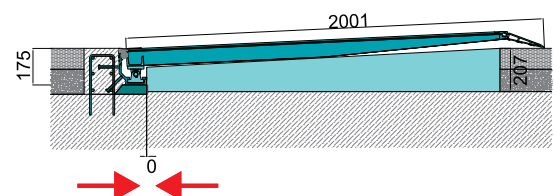
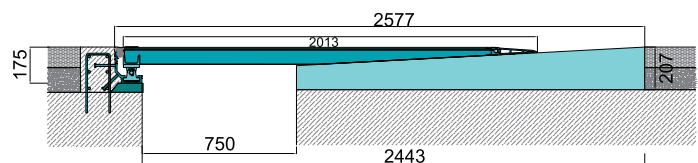
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 932 - 100	High load capacity seismic profiles	100	250	50	300	Mill Finish Alu.	± 50	9 Ton
AR 932 - 150	High load capacity seismic profiles	150	300	50	350	Mill Finish Alu.	± 75	9 Ton
AR 932 - 200	High load capacity seismic profiles	200	350	50	400	Mill Finish Alu.	± 100	9 Ton

AR961 SERIES

SUITABLE FOR VEHICLE ACCESS



We manufacture custom sizes tailored to your projects, with the desired range of motion. For more detailed information, please feel free to contact us.

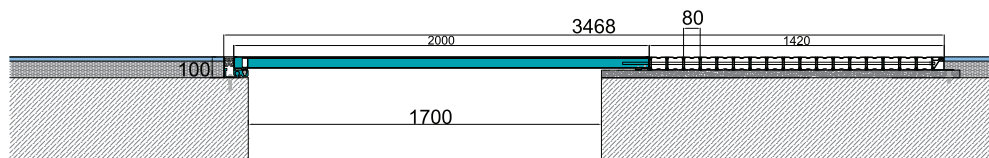
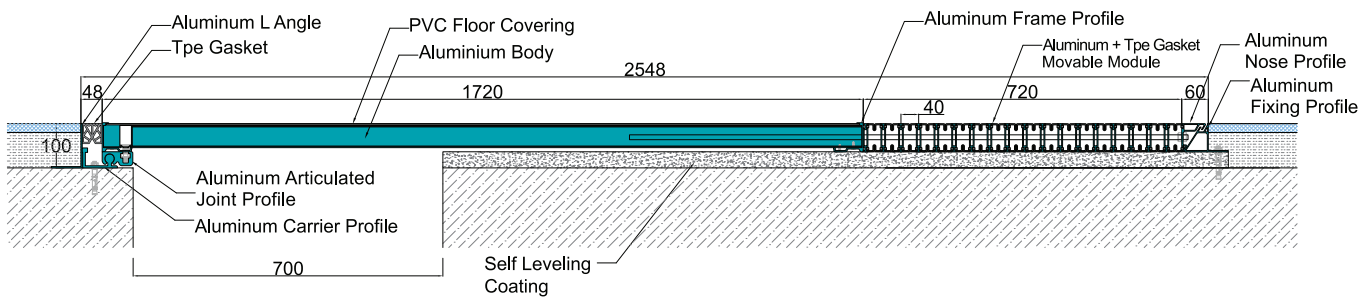
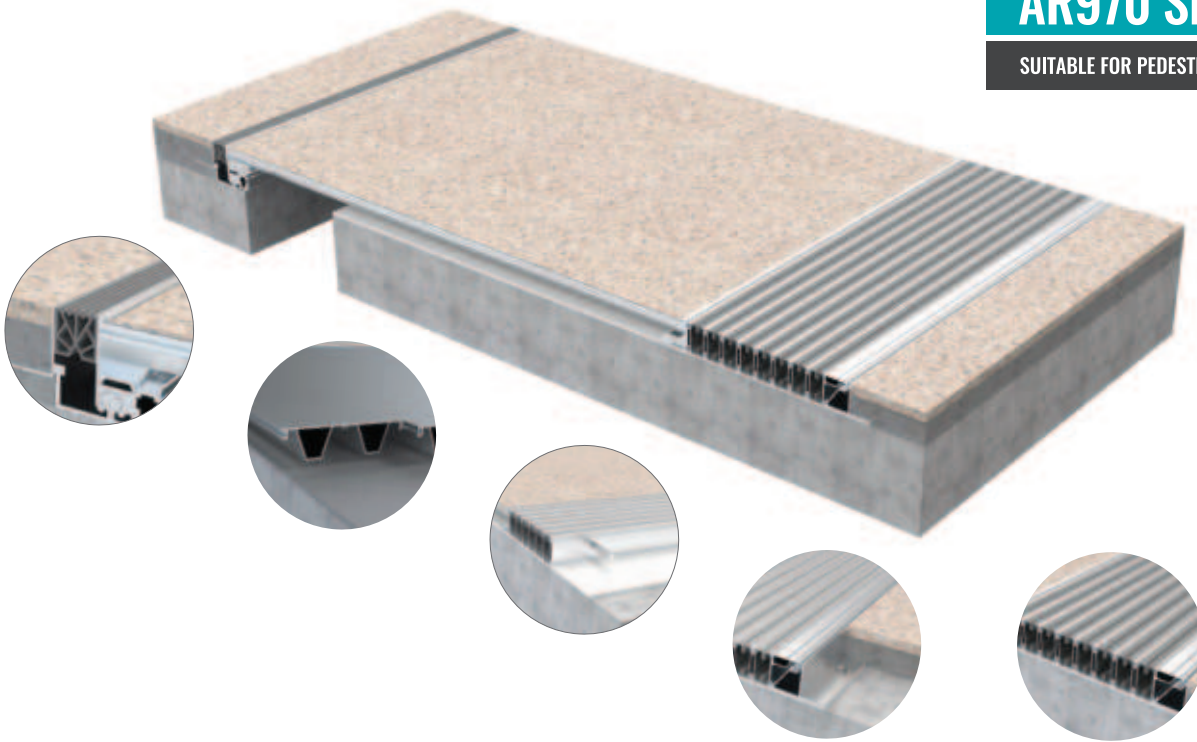


FOR A DETAILED VIDEO

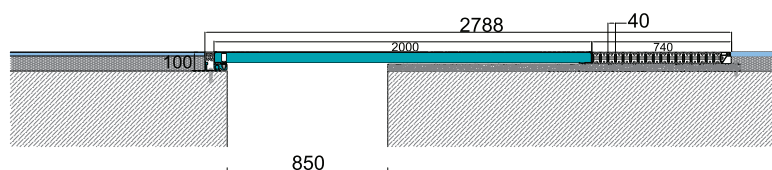


AR970 SERIES

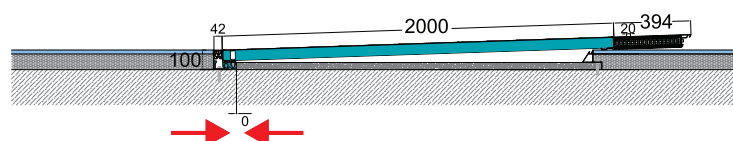
SUITABLE FOR PEDESTRIAN ACCESS



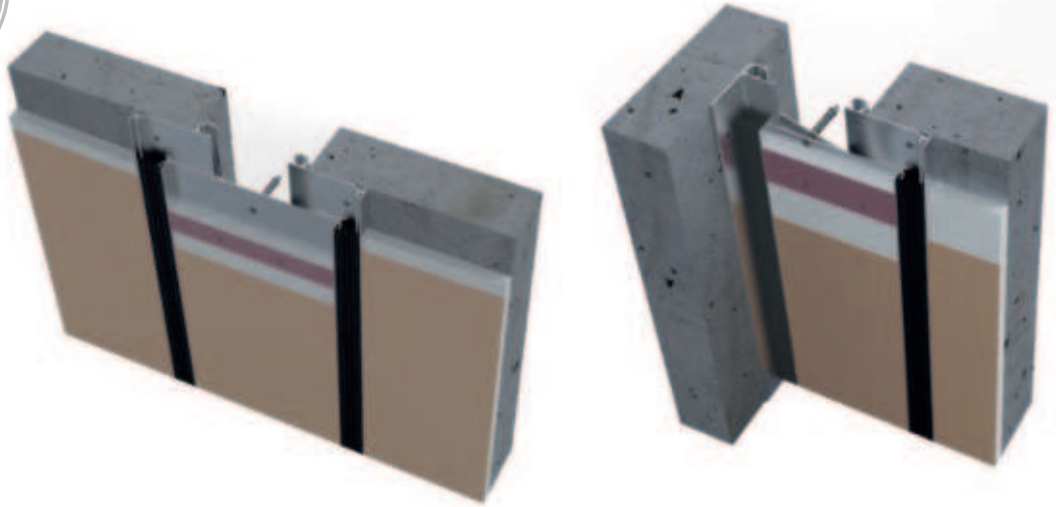
We manufacture custom sizes tailored to your projects, with the desired range of motion. For more detailed information, please feel free to contact us.



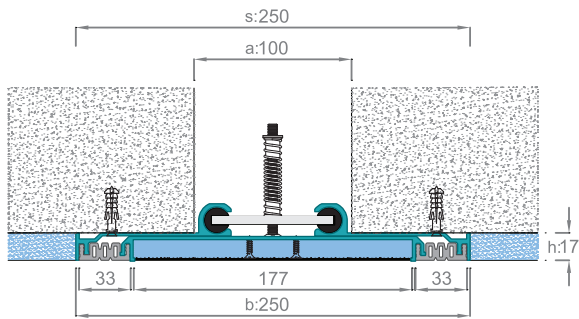
FOR A DETAILED VIDEO



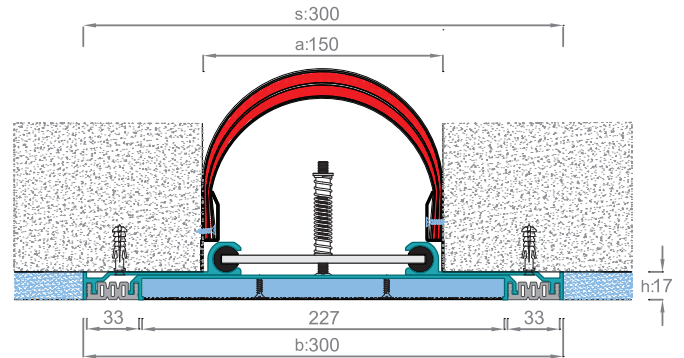
SEISMIC
EXPANSION JOINT
PROFILES



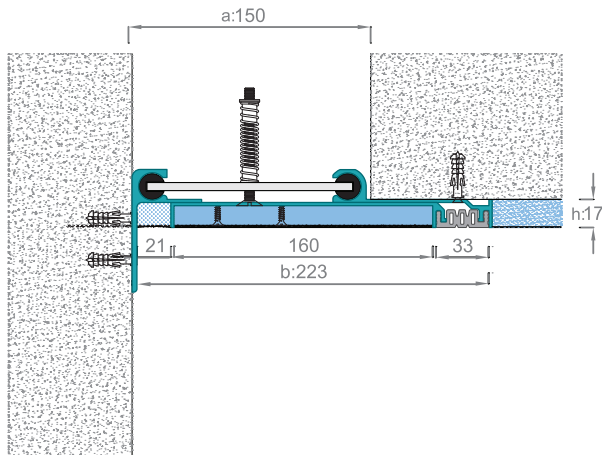
» AR232-100



» AR232-150



» AR232-150K

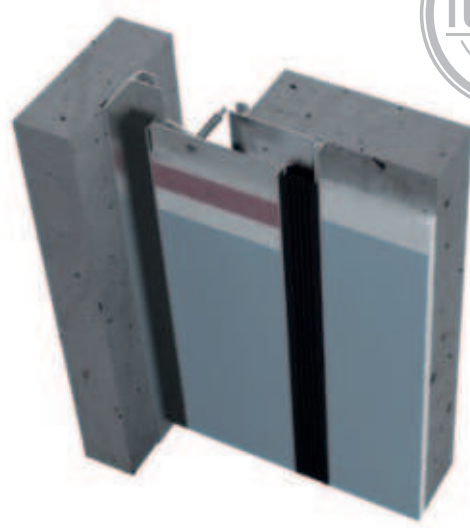
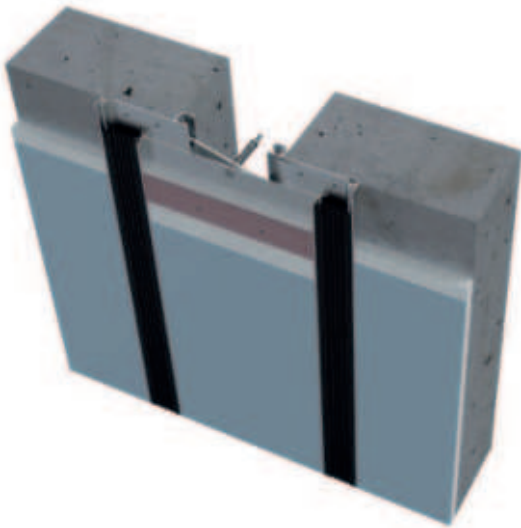


AR 232 series are the wall and ceiling solutions of AR 802 seismic expansion joint series.
(Please refer to page 51 for detailed information.)

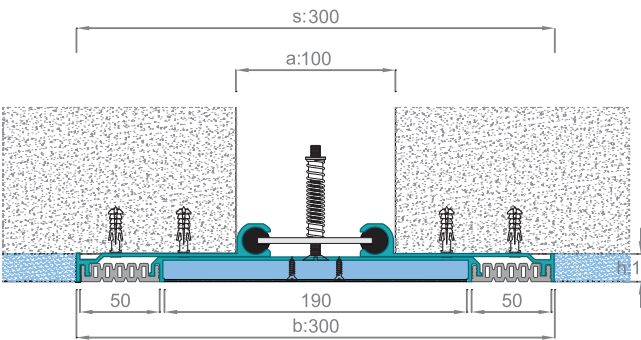
APPLICATIONS



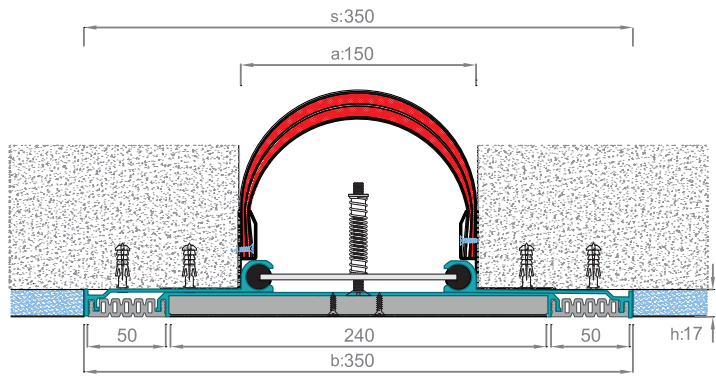
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 232 - 100	Suitable with screed, drywall and etc./gasketed	100	250	17	250	Mill Finish Alu.+TPE+Cover	± 50
AR 232 - 150	Suitable with screed, drywall and etc./gasketed	150	300	17	300	Mill Finish Alu.+TPE+Cover	± 70
AR 232 - 200	Suitable with screed, drywall and etc./gasketed	200	400	20	400	Mill Finish Alu.+TPE+Cover	+100/-80
AR 232 - 250	Suitable with screed, drywall and etc./gasketed	250	550	20	550	Mill Finish Alu.+TPE+Cover	+125/-80
AR 232 - 300	Suitable with screed, drywall and etc./gasketed	300	600	20	600	Mill Finish Alu.+TPE+Cover	± 150
AR 232 - 350	Suitable with screed, drywall and etc./gasketed	350	650	20	650	Mill Finish Alu.+TPE+Cover	± 175
AR 232 - 400	Suitable with screed, drywall and etc./gasketed	400	700	20	700	Mill Finish Alu.+TPE+Cover	+175/-200
AR 232 - 450	Suitable with screed, drywall and etc./gasketed	450	750	20	750	Mill Finish Alu.+TPE+Cover	+175/-225
AR 232 - 500	Suitable with screed, drywall and etc./gasketed	500	800	20	800	Mill Finish Alu.+TPE+Cover	+175/-250



» AR233-100

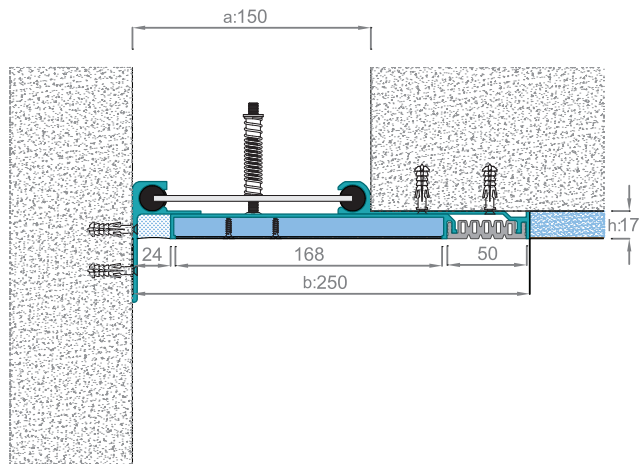


» AR233-150



SEISMIC
EXPANSION JOINT
PROFILES

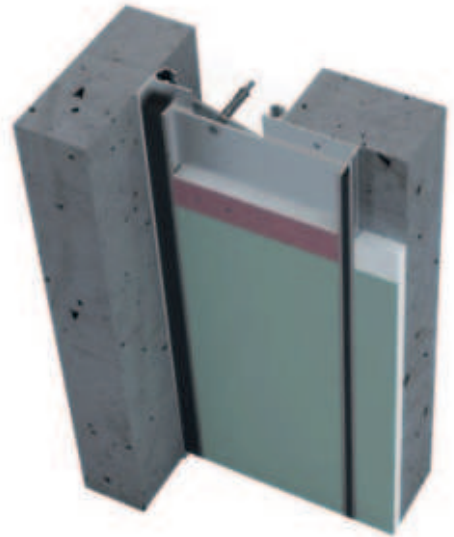
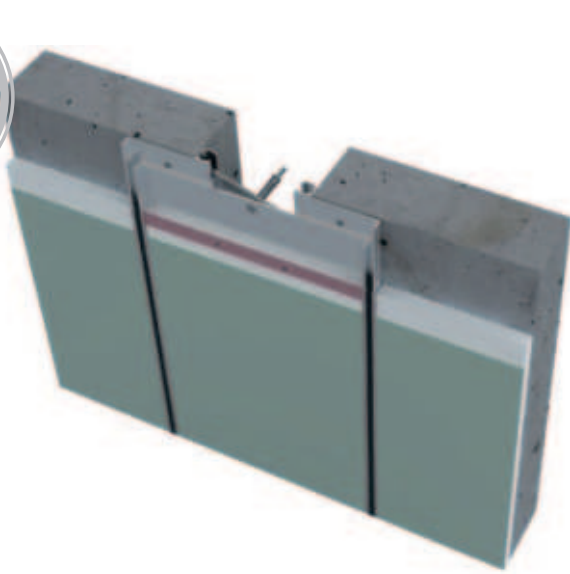
» AR233-150K



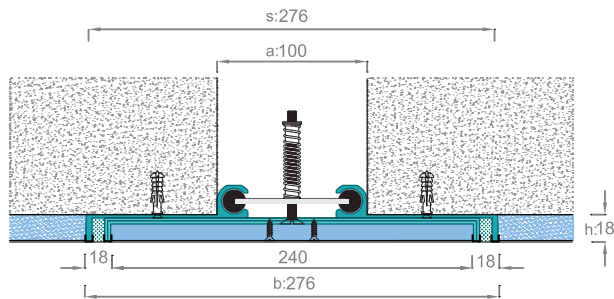
AR 233 wall and ceiling series are applicable to the projects where AR 803 seismic floor profiles have been used.
(Please refer to page 52 for detailed information.)



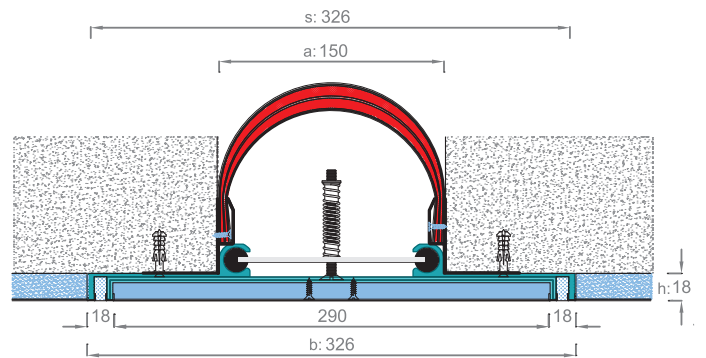
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR233-100	Suitable with screed, drywall and etc./gasketed	100	300	17	300	Mill Finish Alu.+TPE+Cover	± 50
AR233-150	Suitable with screed, drywall and etc./gasketed	150	350	17	350	Mill Finish Alu.+TPE+Cover	± 75
AR233-200	Suitable with screed, drywall and etc./gasketed	200	400	20	400	Mill Finish Alu.+TPE+Cover	±100



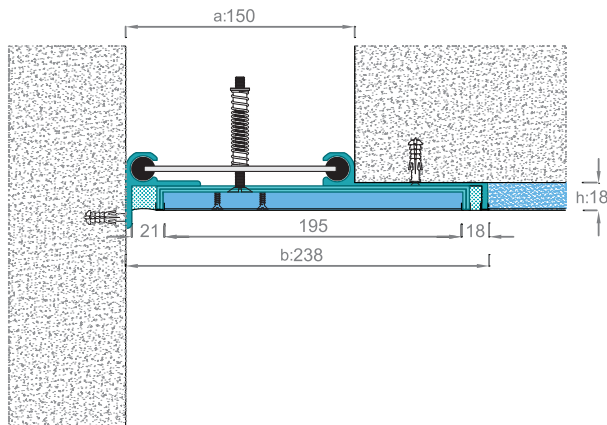
» AR234-100



» AR234-150

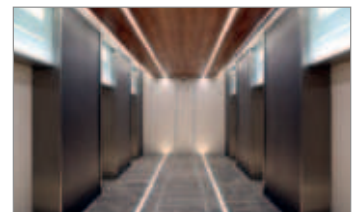


» AR234-150K

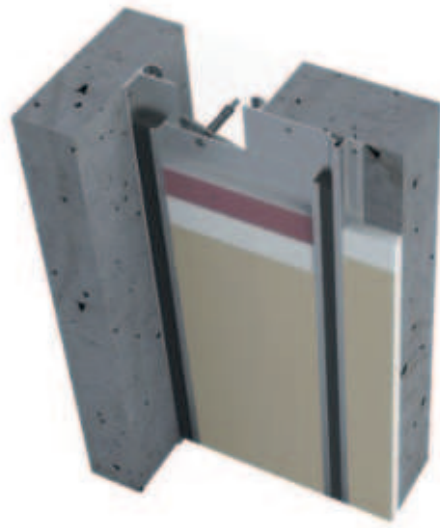


AR 234 seismic series are compatible with AR 804 series floor expansion joint profiles.
(Please refer to page 53 for detailed information.)

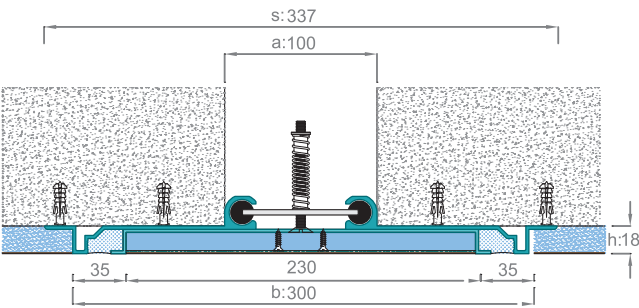
APPLICATIONS



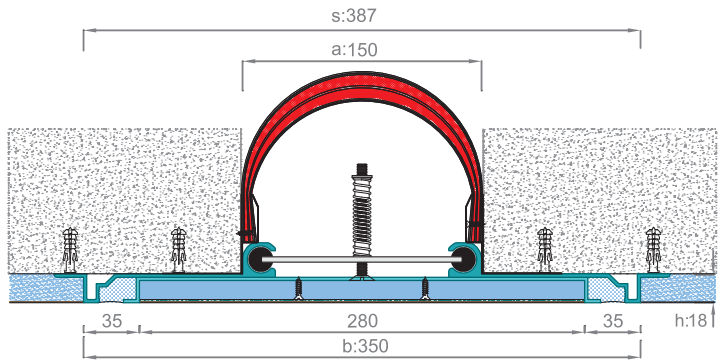
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR234-100	Suitable with ceramic, drywall and etc./Stainless Steel Surface	100	276	18	276	Stainless Steel+Sealant+Cover	± 50
AR234-150	Suitable with ceramic, drywall and etc./Stainless Steel Surface	150	326	18	326	Stainless Steel+Sealant+Cover	± 75
AR234-200	Suitable with ceramic, drywall and etc./Stainless Steel Surface	200	490	18	490	Stainless Steel+Sealant+Cover	± 75
AR234-250	Suitable with ceramic, drywall and etc./Stainless Steel Surface	250	540	18	540	Stainless Steel+Sealant+Cover	± 75
AR234-300	Suitable with ceramic, drywall and etc./Stainless Steel Surface	300	590	18	590	Stainless Steel+Sealant+Cover	± 75



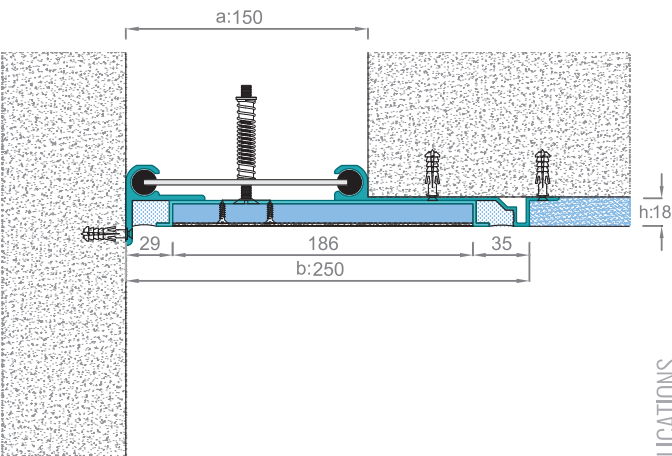
» AR236-100



» AR236-150



» AR236-150K



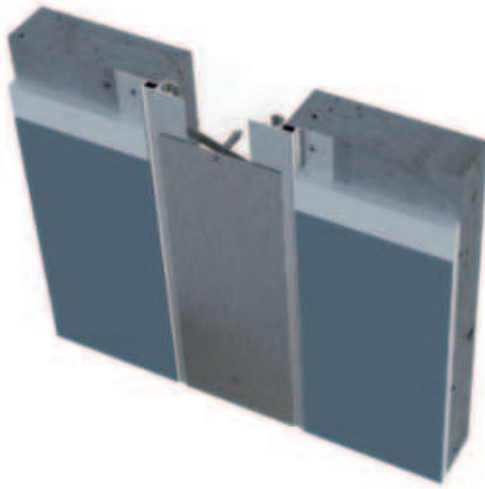
SEISMIC
EXPANSION JOINT
PROFILES

AR 236 wall and ceiling series are suitable to places where AR 806 seismic floor expansion joint profiles have been used.
(Please refer to page 54 for detailed information.)

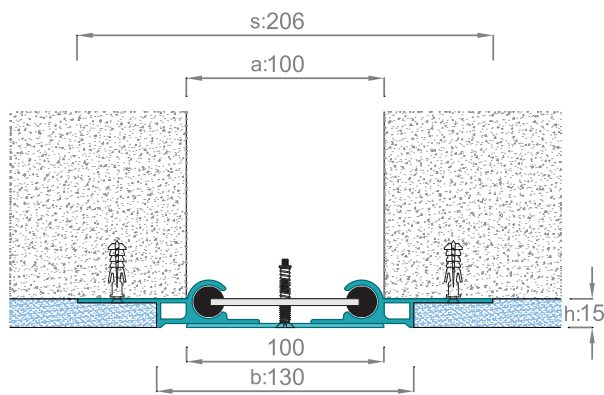
APPLICATIONS



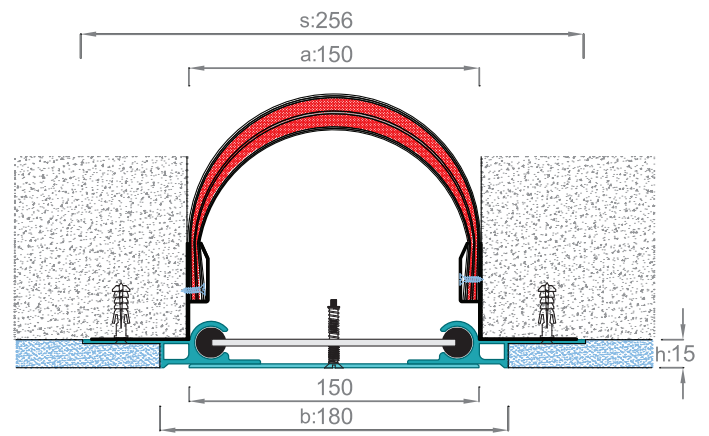
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR236-100	Suitable with screed, ceramic, drywall, and etc. / Sealant Application	100	300	18	337	Mill Finish Alu.+ Sealant+ Cover	± 50
AR236-150	Suitable with screed, ceramic, drywall, and etc. / Sealant Application	150	350	18	387	Mill Finish Alu.+ Sealant+ Cover	± 75
AR236-200	Suitable with screed, ceramic, drywall, and etc. / Sealant Application	200	400	18	437	Mill Finish Alu.+ Sealant+ Cover	±100
AR236-250	Suitable with screed, ceramic, drywall, and etc. / Sealant Application	250	550	18	587	Mill Finish Alu.+ Sealant+ Cover	±125
AR236-300	Suitable with screed, ceramic, drywall, and etc. / Sealant Application	300	600	18	637	Mill Finish Alu.+ Sealant+ Cover	± 150
AR236-350	Suitable with screed, ceramic, drywall, and etc. / Sealant Application	350	650	18	687	Mill Finish Alu.+ Sealant+ Cover	± 175
AR236-400	Suitable with screed, ceramic, drywall, and etc. / Sealant Application	400	700	18	737	Mill Finish Alu.+ Sealant+ Cover	±200
AR236-450	Suitable with screed, ceramic, drywall, and etc. / Sealant Application	450	750	18	787	Mill Finish Alu.+ Sealant+ Cover	±200
AR236-500	Suitable with screed, ceramic, drywall, and etc. / Sealant Application	500	800	18	837	Mill Finish Alu.+ Sealant+ Cover	±200



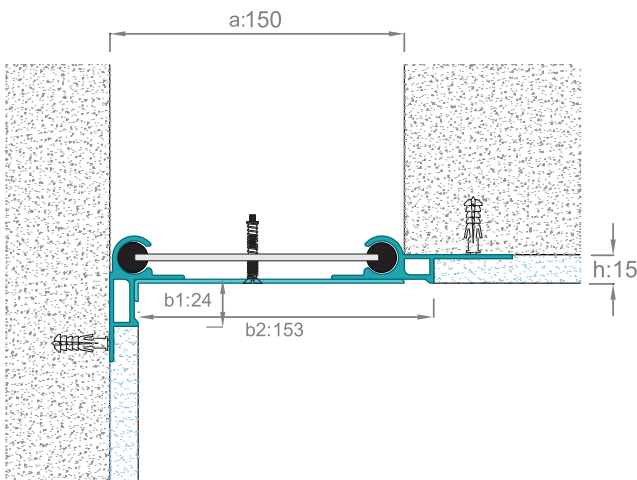
» AR243-100



» AR243-150



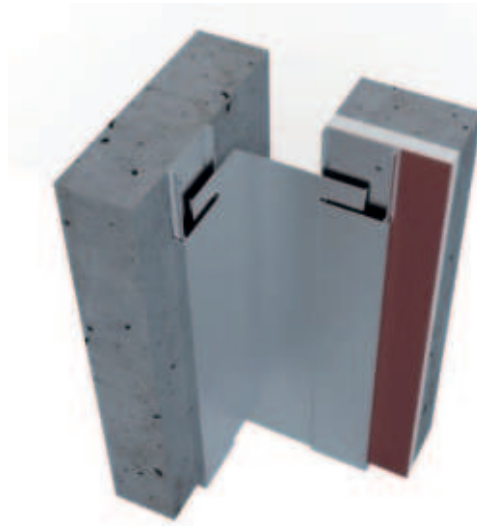
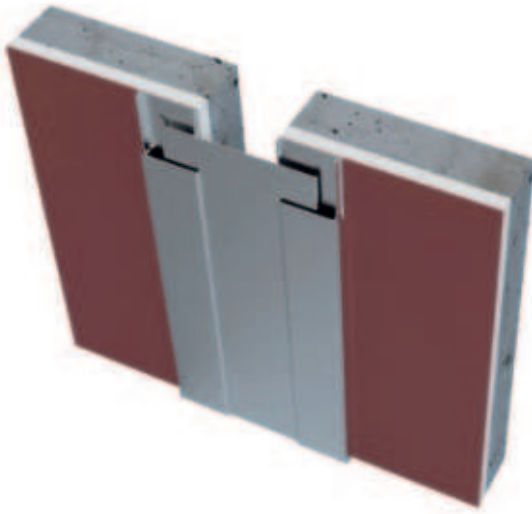
» AR243-150K



AR 243 series are preferred with its shiny top surface where AR 813 series has been used on the floor. (Please refer to page 55 for detailed information.)

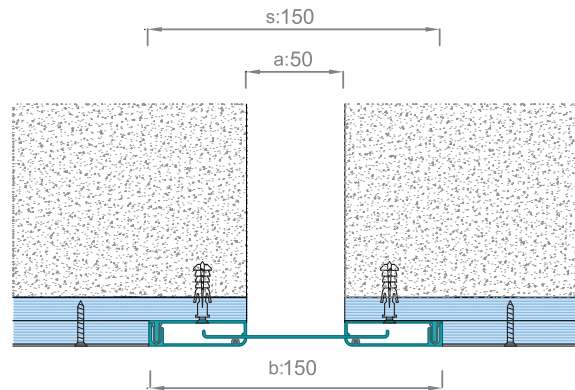
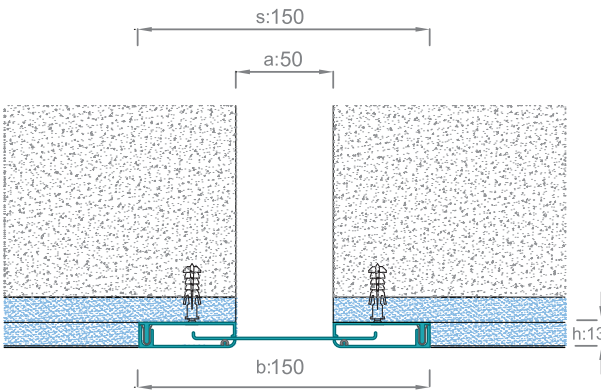


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR243-100	Suitable with screed, ceramic, drywall, and etc. / Stainless Steel top surface	100	130	15	206	Mill Finish Alu.+Stainles Steel	+40/-50
AR243-150	Suitable with screed, ceramic, drywall, and etc. / Stainless Steel top surface	150	180	15	256	Mill Finish Alu.+Stainles Steel	+60/-75
AR243-200	Suitable with screed, ceramic, drywall, and etc. / Stainless Steel top surface	200	230	15	306	Mill Finish Alu.+Stainles Steel	+60/-100
AR243-250	Suitable with screed, ceramic, drywall, and etc. / Stainless Steel top surface	250	280	15	356	Mill Finish Alu.+Stainles Steel	+60/-125
AR243-300	Suitable with screed, ceramic, drywall, and etc. / Stainless Steel top surface	300	330	15	406	Mill Finish Alu.+Stainles Steel	+60/-150

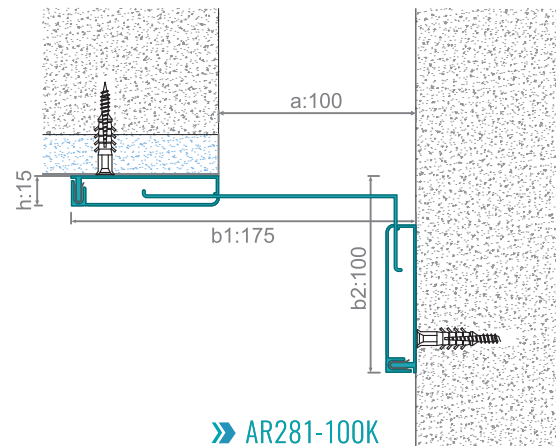
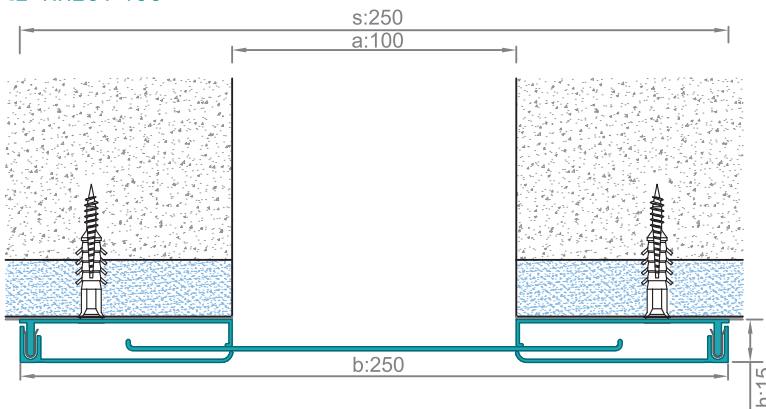


» AR281-050

» AR281-050 - DOUBLE LAYERED DRYWALL APPLICATION ALTERNATIVE

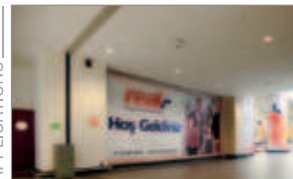


» AR281-100



» AR281-100K

APPLICATIONS

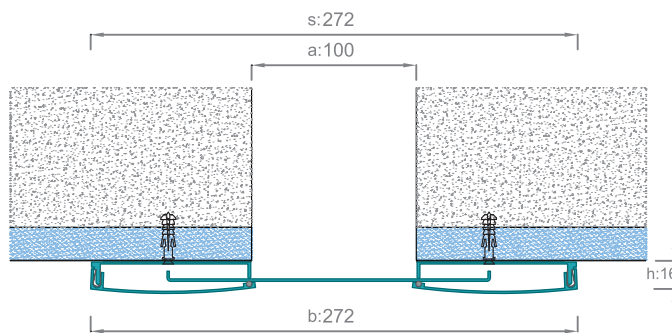


Wall and Ceiling profiles are suitable for all kinds of wall coverings with the special Aluminium top surface. Can be delivered by anodised or powder coated. Adoptable with most types of floor Expansion Joint Profiles

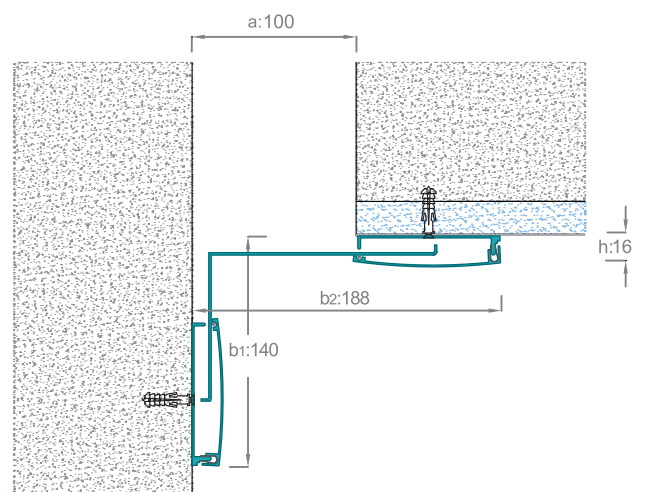
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR281-050	Aluminium top surface, anodised seismic wall and ceiling profile	50	150	13	150	Anodised Alu.	± 40
AR281-100	Aluminium top surface, anodised seismic wall and ceiling profile	100	250	15	250	Anodised Alu.	± 50
AR281-150	Aluminium top surface, anodised seismic wall and ceiling profile	150	300	15	300	Anodised Alu.	± 65
AR281-200	Aluminium top surface, anodised seismic wall and ceiling profile	200	350	15	350	Anodised Alu.	± 65
AR281-250	Aluminium top surface, anodised seismic wall and ceiling profile	250	400	15	400	Anodised Alu.	± 65
AR281-300	Aluminium top surface, anodised seismic wall and ceiling profile	300	450	15	450	Anodised Alu.	± 65



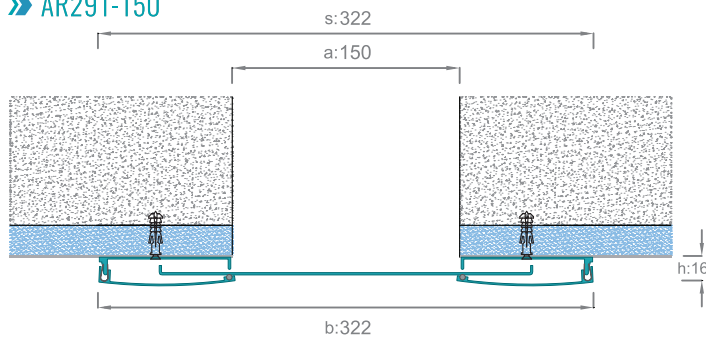
» AR291-100



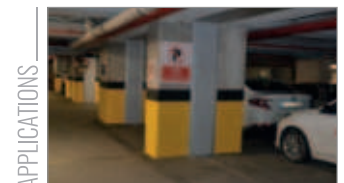
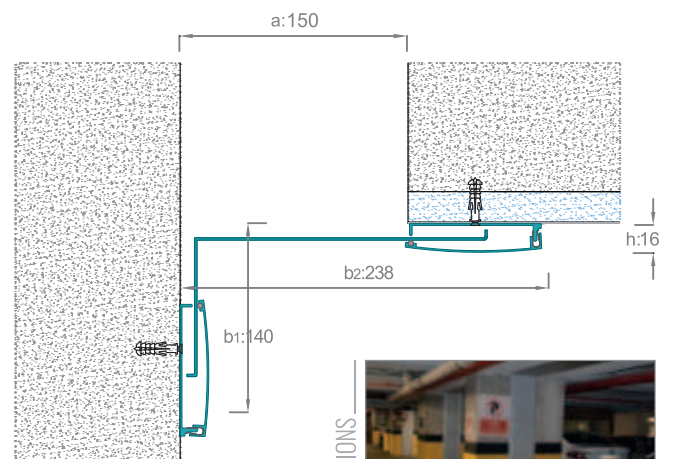
» AR291-100K



» AR291-150

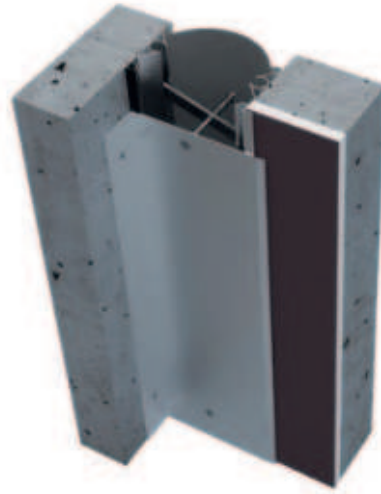
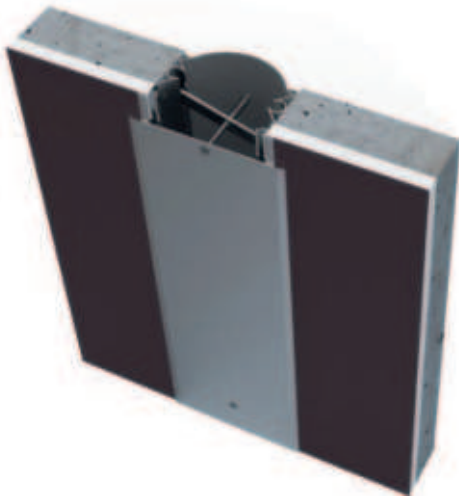


» AR291-150K

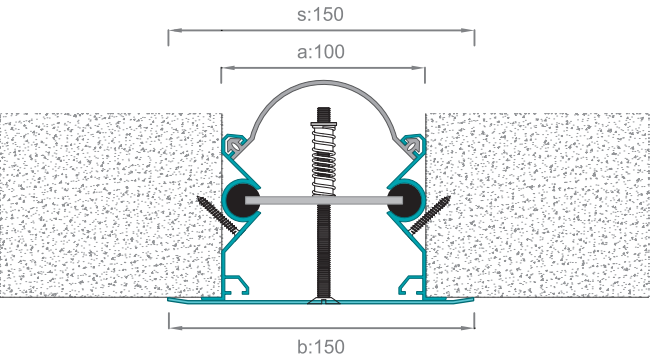


Seismic wall and ceiling profiles have the wide and decorative side surface. Can be delivered by powder coated or anodised.

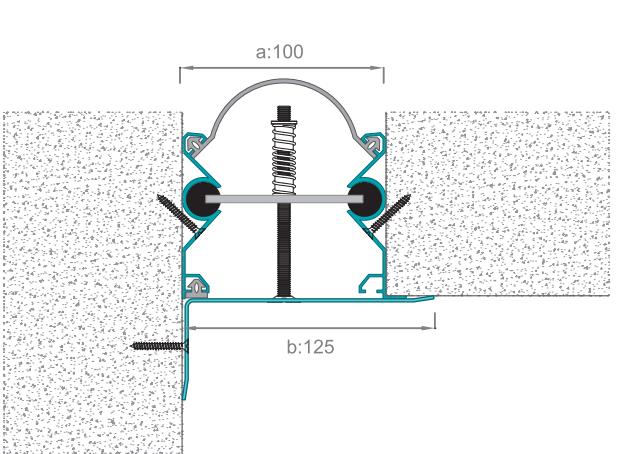
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR291-050	Aluminium top surface, anodised seismic wall and ceiling profile	50	222	16	222	Anodised Alu.	± 50
AR291-100	Aluminium top surface, anodised seismic wall and ceiling profile	100	272	16	272	Anodised Alu.	± 75
AR291-150	Aluminium top surface, anodised seismic wall and ceiling profile	150	322	16	322	Anodised Alu.	± 75
AR291-200	Aluminium top surface, anodised seismic wall and ceiling profile	200	372	16	372	Anodised Alu.	± 75
AR291-250	Aluminium top surface, anodised seismic wall and ceiling profile	250	422	16	422	Anodised Alu.	± 75
AR291-300	Aluminium top surface, anodised seismic wall and ceiling profile	300	472	16	472	Anodised Alu.	± 75
AR291-350	Aluminium top surface, anodised seismic wall and ceiling profile	350	522	16	522	Anodised Alu.	± 75
AR291-400	Aluminium top surface, anodised seismic wall and ceiling profile	400	572	16	572	Anodised Alu.	± 75



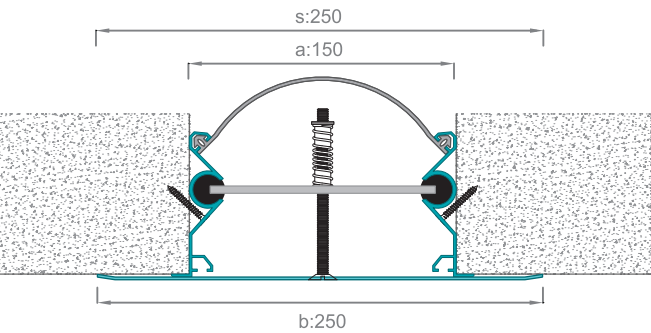
» AR286-100



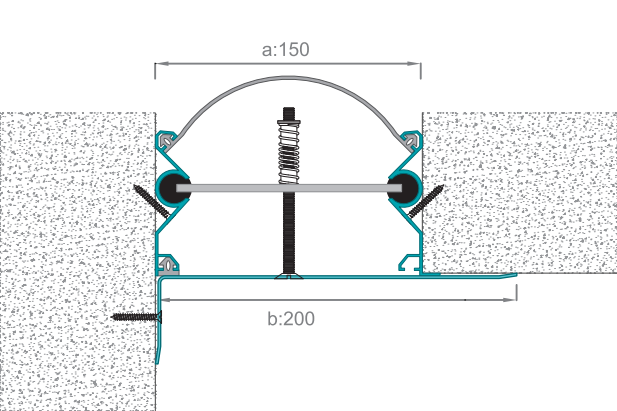
» AR286-100K



» AR286-150



» AR286-150K



SEISMIC
EXPANSION JOINT
PROFILES

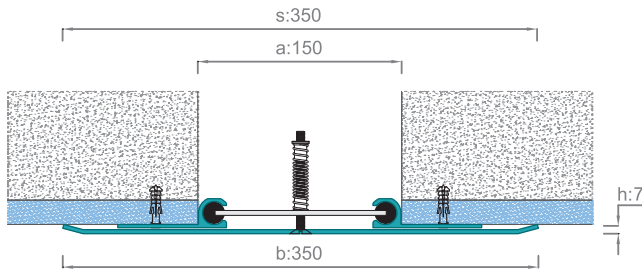
AR 286 Wall and ceiling expansion joint profiles have vapour barriers and movement capacity in 3 dimensional direction. (with screw mounted in the middle). Especially suitable for facade.



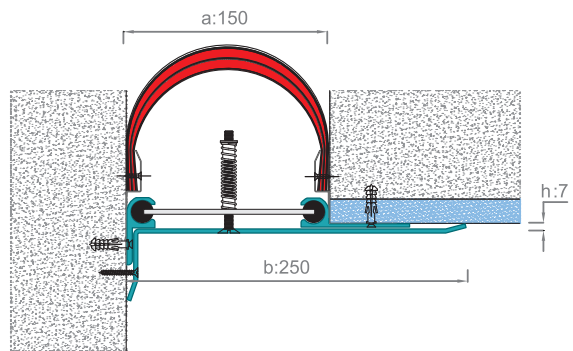
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR286-100	Anodised, aluminium top surface seismic wall and ceiling profile	100	150	150	Anodised Alu.	± 50
AR286-150	Anodised, aluminium top surface seismic wall and ceiling profile	150	250	250	Anodised Alu.	± 75
AR286-200	Anodised, aluminium top surface seismic wall and ceiling profile	200	350	350	Anodised Alu.	± 100
AR286-250	Anodised, aluminium top surface seismic wall and ceiling profile	250	400	400	Anodised Alu.	± 125
AR286-300	Anodised, aluminium top surface seismic wall and ceiling profile	300	500	500	Anodised Alu.	± 150



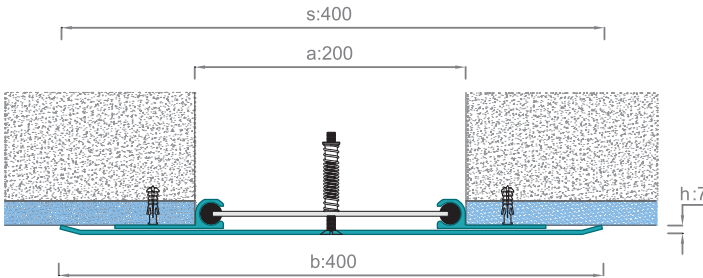
» AR293-150



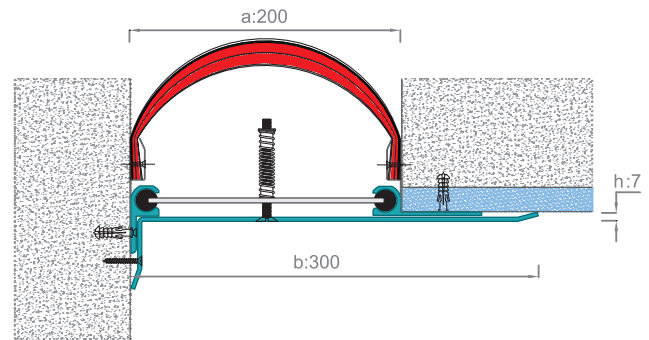
» AR293-150K



» AR293-200



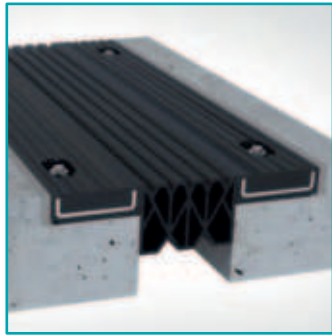
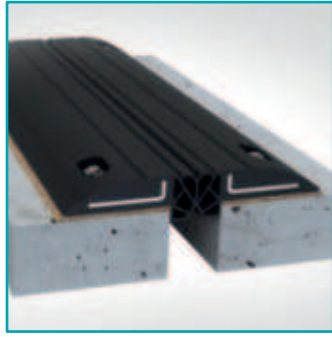
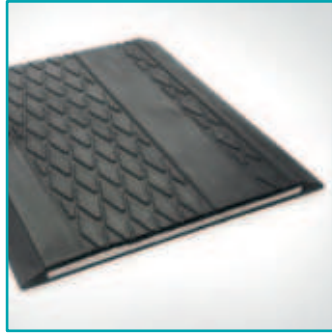
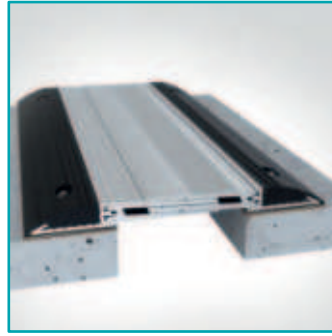
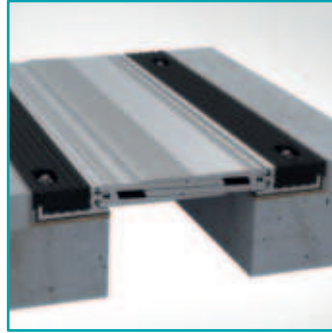
» AR293-200K



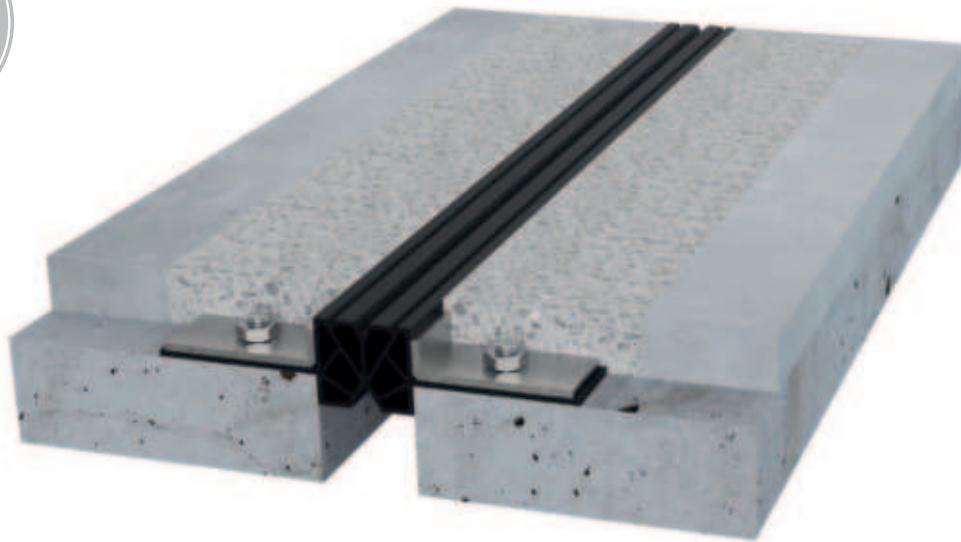
Cover Expansion joint profiles are suitable for carpark walls and ceilings & walls where large movement capacity is being required. Can be produced by anodised or powder coated in required colour.



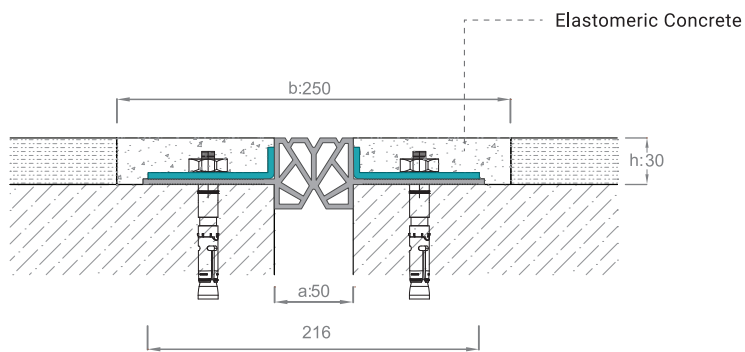
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR293-100	Anodised, wide aluminium top surface, seismic wall-ceiling profile	100	300	7	300	Anodised Alu.	± 50
AR293-150	Anodised, wide aluminium top surface, seismic wall-ceiling profile	150	350	7	350	Anodised Alu.	± 75
AR293-200	Anodised, wide aluminium top surface, seismic wall-ceiling profile	200	400	7	400	Anodised Alu.	± 100
AR293-250	Anodised, wide aluminium top surface, seismic wall-ceiling profile	250	500	7	500	Anodised Alu.	± 125
AR293-300	Anodised, wide aluminium top surface, seismic wall-ceiling profile	300	600	7	600	Anodised Alu.	± 150



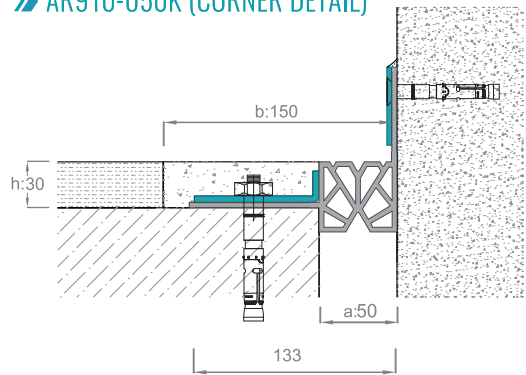
carpark expansion joint profiles



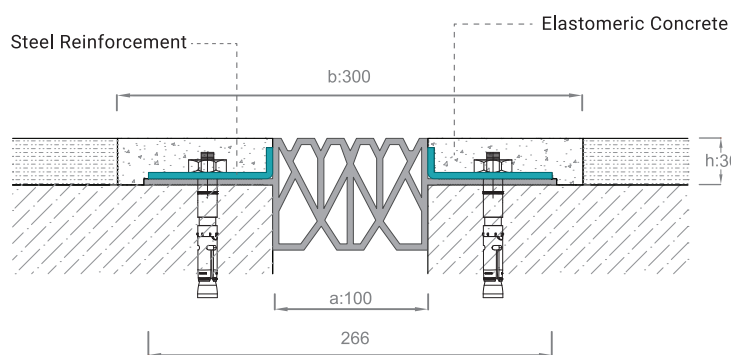
» AR910-050



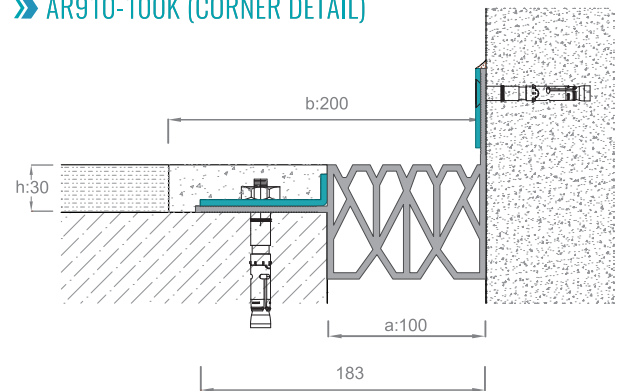
» AR910-050K (CORNER DETAIL)



» AR910-100



» AR910-100K (CORNER DETAIL)



TPE and TPV based Carpark Expansion Joint Profiles are able to settle to the ground only in an hour time. Having such characteristics as high capacity to bend&shrink and resistant to corrosion make AR 910 series suitable to apply on highly polymeric based concrete.

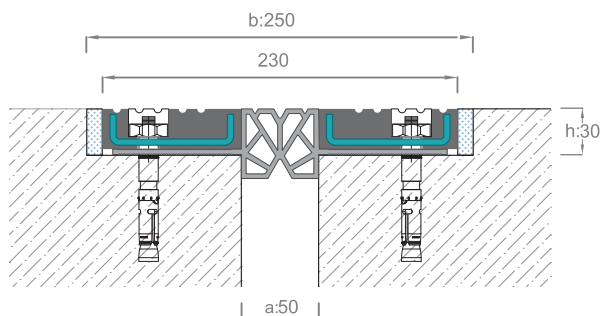
APPLICATIONS



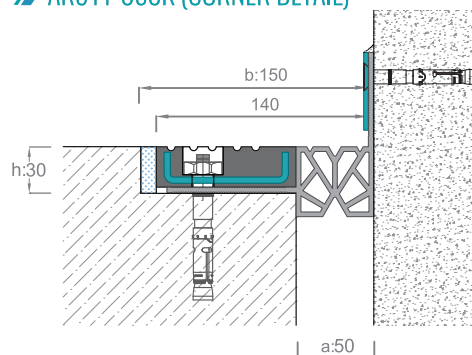
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 910 - 050	Assembled with steel profiles	50	250	30	216	TPE+Steel	± 25	30 Ton
AR 910 - 100	Assembled with steel profiles	100	300	30	266	TPE+Steel	± 50	30 Ton



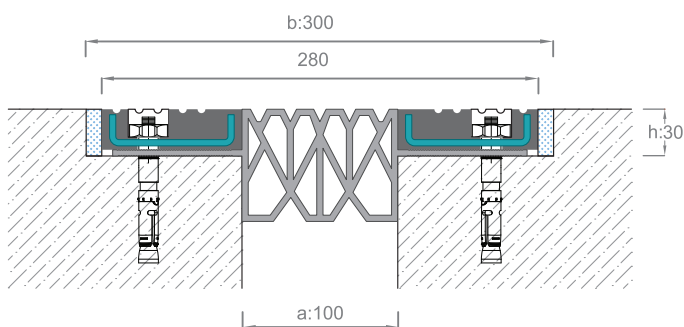
» AR911-050



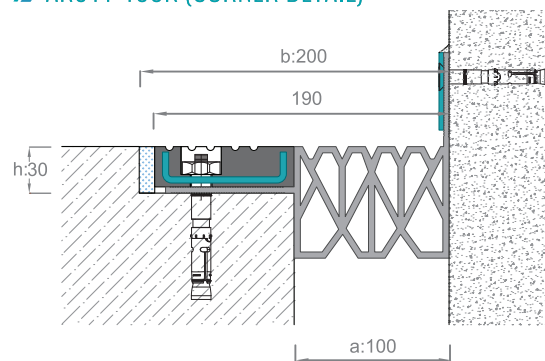
» AR911-050K (CORNER DETAIL)



» AR911-100



» AR911-100K (CORNER DETAIL)



CARPARK
EXPANSION JOINT
PROFILES

TPV and TPE middle parts are resistant to heavy loads, comfortable, quite and waterproofing when mounted properly. Furthermore, Volcanized side profiles are reinforced with steel plates.

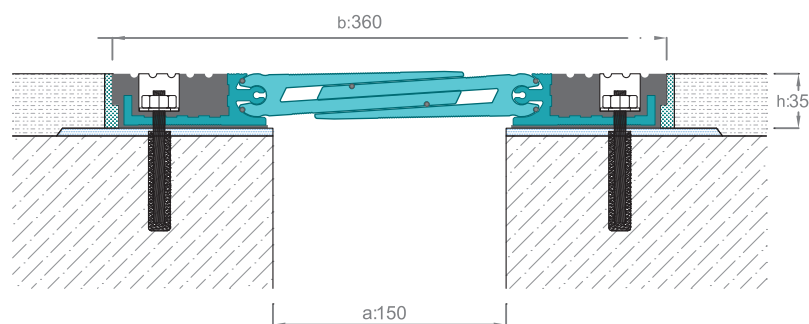
APPLICATIONS



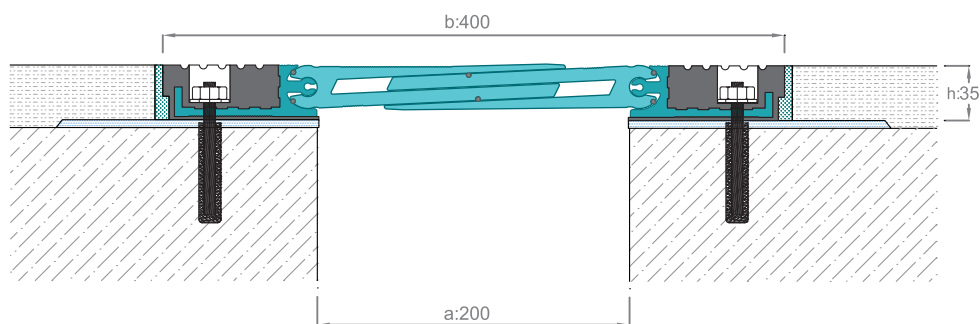
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 911 - 050	Steel reinforced composite floor profile	50	250	30	250	Rubber + TPE	± 25	30 Ton
AR 911 - 051	Steel reinforced composite floor profile	50	250	30	250	Rubber + TPE	± 40	30 Ton
AR 911 - 100	Steel reinforced composite floor profile	100	300	30	300	Rubber + TPE	± 50	30 Ton



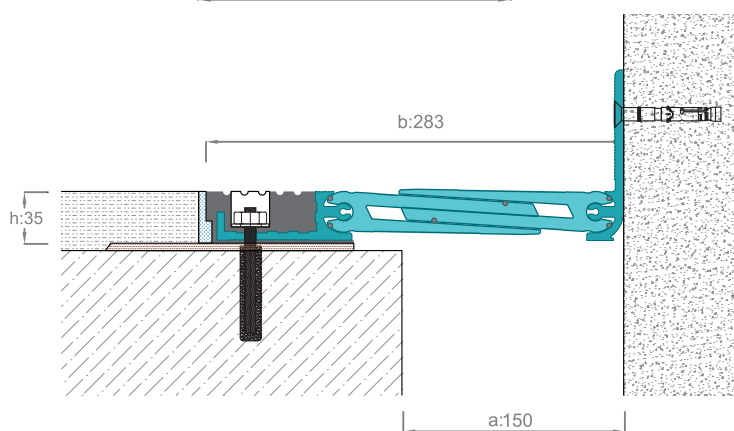
» AR911-150



» AR911-200



» AR911-150K



Created for the first time in the WORLD by ARFEN. These rubber + aluminium dilatation profiles successfully applied to wide expansion joint gaps in car parks and industrial structures. Provide opportunity to be quite and comfortable.

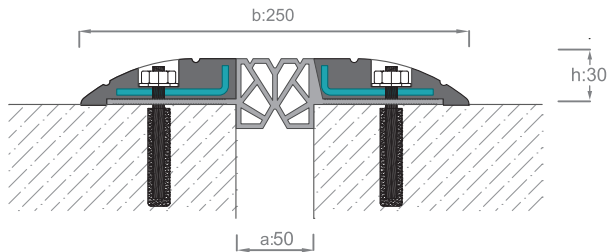
APPLICATIONS



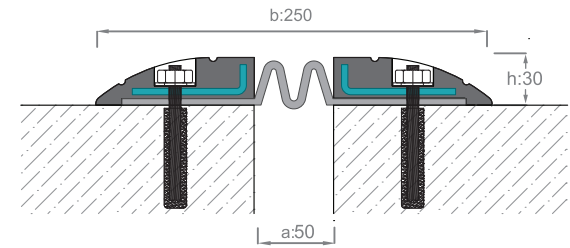
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 911 - 150	Composite, rubber, aluminium floor profile	150	360	35	360	Mill Finish Alu.+Rubber	+35/-25	30 Ton
AR 911 - 200	Composite, rubber, aluminium floor profile	200	400	35	400	Mill Finish Alu.+Rubber	± 40	16 Ton
AR 911 - 250	Composite, rubber, aluminium floor profile	250	450	35	450	Mill Finish Alu.+Rubber	± 40	9 Ton
AR 911 - 300	Composite, rubber, aluminium floor profile	300	500	35	500	Mill Finish Alu.+Rubber	± 50	6,5 Ton



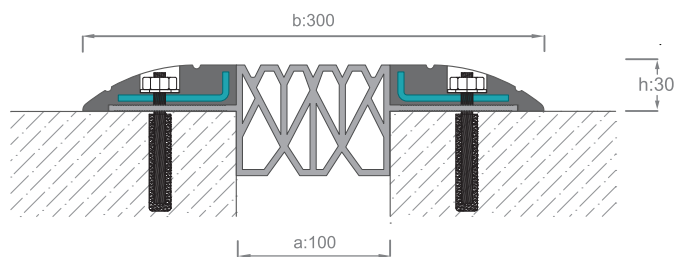
» AR921-050



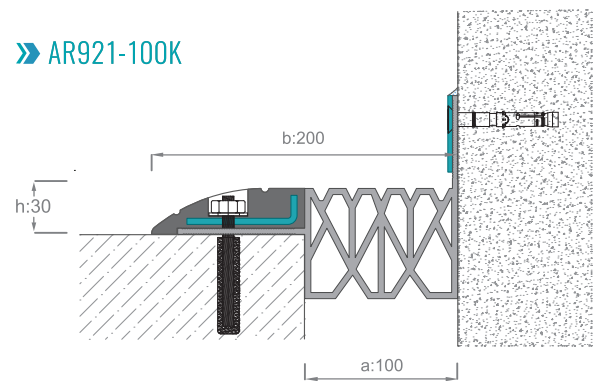
» AR921-051



» AR921-100



» AR921-100K



CARPARK
EXPANSION JOINT
PROFILES

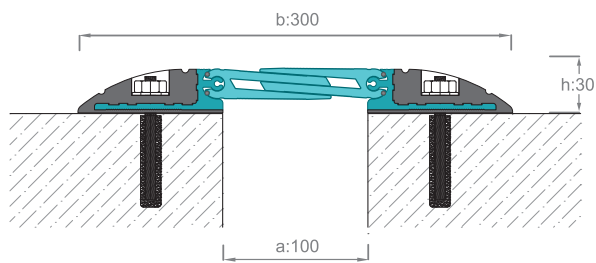
AR 921 series are Rubber + Steel composite Expansion Joint Profiles. Applied to floors as over finish profiles and can be used as a speed bumper. As well assembled to the floor by appropriate steel anchors of having 25 cm gaps in between.



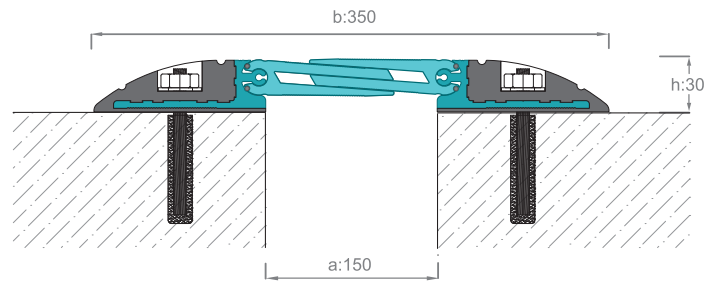
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR921-050	Speed bumper, composite, rubber, steel profile	50	250	30	250	Rubber+TPE	± 25	9 Ton
AR921-051	Speed bumper, composite, rubber, steel profile	50	250	30	250	Rubber+TPE	± 40	9 Ton
AR921-100	Speed bumper, composite, rubber, steel profile	100	300	30	300	Rubber+TPE	± 50	9 Ton
AR921-101	Speed bumper, composite, rubber, aluminium	100	300	30	300	Mill Finish Alu.+Rubber	± 20	12 Ton
AR921-150	Speed bumper, composite, rubber, aluminium	150	350	30	350	Mill Finish Alu.+Rubber	± 20	12 Ton
AR921-200	Speed bumper, composite, rubber, aluminium	200	462	35	462	Mill Finish Alu.+Rubber	± 40	9 Ton
AR921-250	Speed bumper, composite, rubber, aluminium	250	512	35	512	Mill Finish Alu.+Rubber	± 50	9 Ton
AR921-300	Speed bumper, composite, rubber, aluminium	300	562	35	562	Mill Finish Alu.+Rubber	± 50	9 Ton



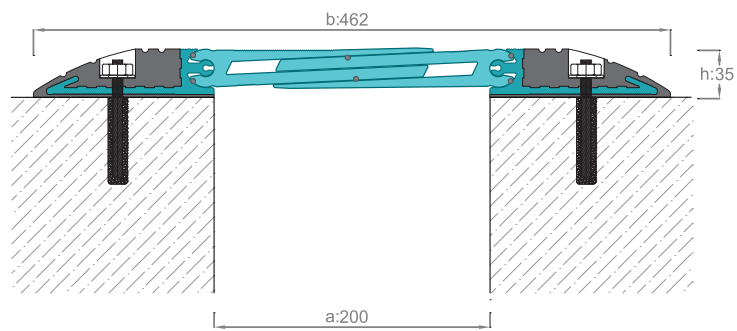
» AR921-101



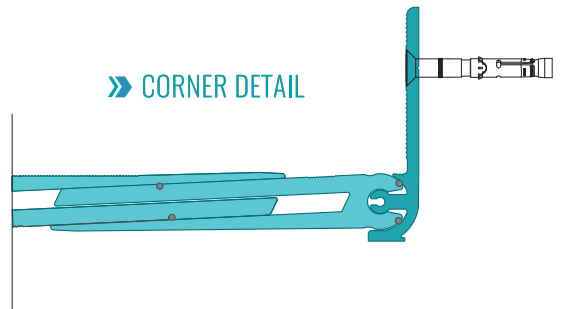
» AR921-150



» AR921-200



» CORNER DETAIL



Developed for the first time In the World by ARFEN. Aluminium + TPE rubber Expansion joint profiles also have the corner detail in each design.

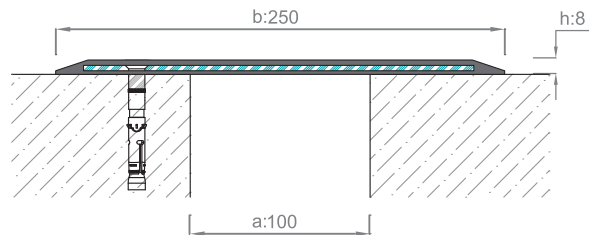
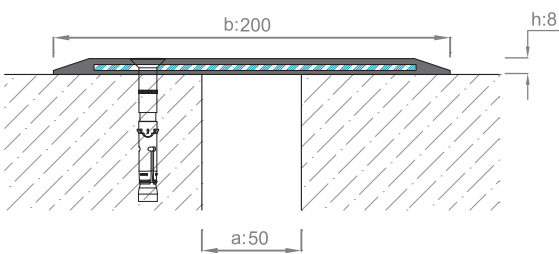
APPLICATIONS





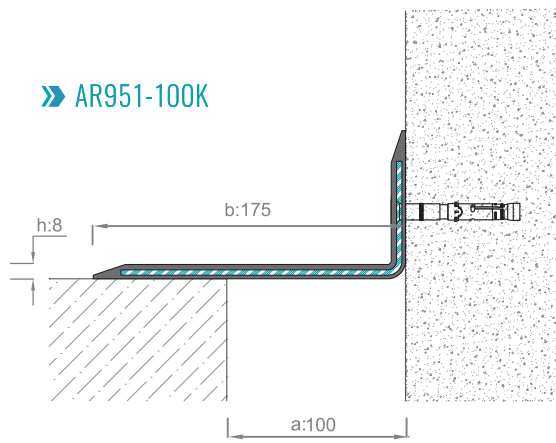
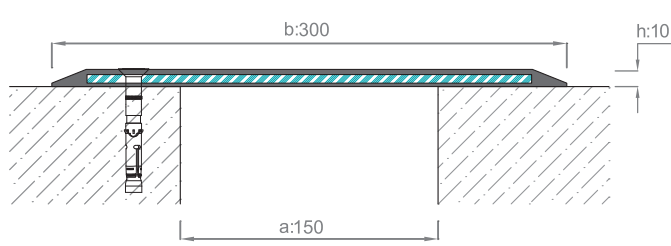
» AR951-050

» AR951-100



» AR951-150

» AR951-100K



CARPARK
EXPANSION JOINT
PROFILES

AR 951 series are Rubber + Steel composite Expansion Joint Profiles. Applied to floors and can be used as a speed bumper. Assembled to the floor by appropriate steel anchors of having 25 cm intervals.

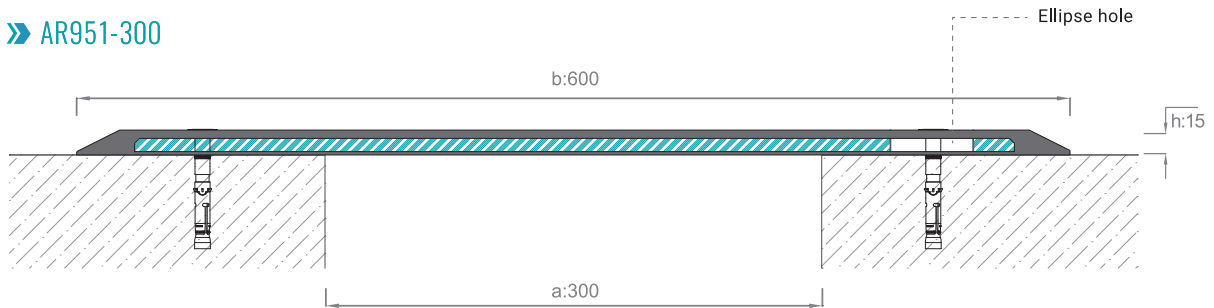
APPLICATIONS



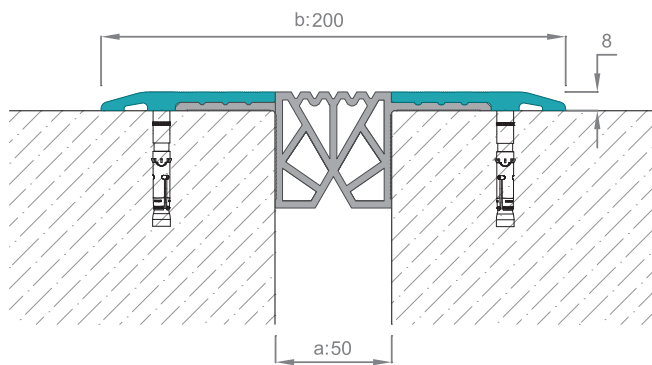
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	ST 37 STEEL THICKNESS mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR951-050	Composite, Rubber, Steel floor profile	50	200	8	3	200	Rubber	± 50	9 Ton
AR951-100	Composite, Rubber, Steel floor profile	80-100	250	8	3	250	Rubber	+50/-100	9 Ton
AR951-150	Composite, Rubber, Steel floor profile	120-150	300	10	4	300	Rubber	+50/-150	6 Ton
AR951-180	Composite, Rubber, Steel floor profile	180-200	350	12	5	350	Rubber	+65/-180	3,5 Ton
AR951-250	Composite, Rubber, Steel floor profile	250	400	12	6	400	Rubber	+65/-250	3,5 Ton
AR951-300	Composite, Rubber, Steel floor profile	300	600	15	8	600	Rubber	± 28 mm	3,5 Ton



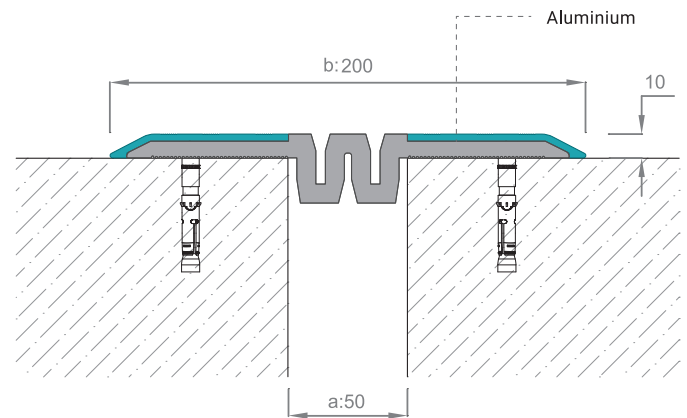
» AR951-300



» AR192-050



» AR194-050



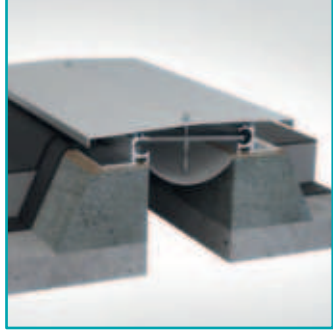
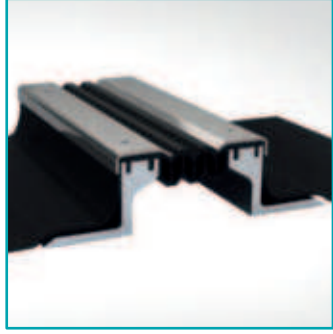
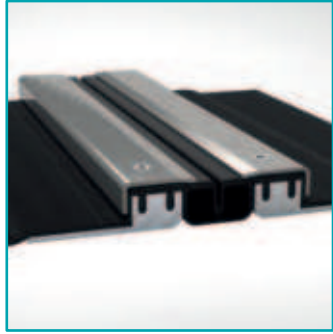
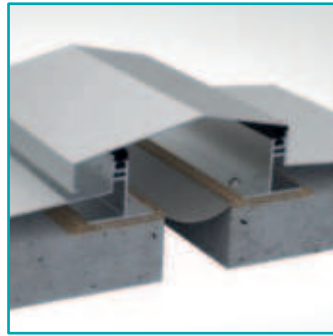
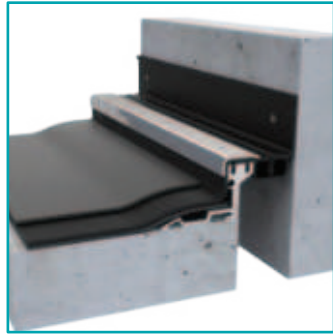
- Stainless Steel top profile can be produced by request.

Aluminium or stainless steel top surfaced expansion joint profiles are suitable for surface mounted floor carpark profiles.

APPLICATIONS

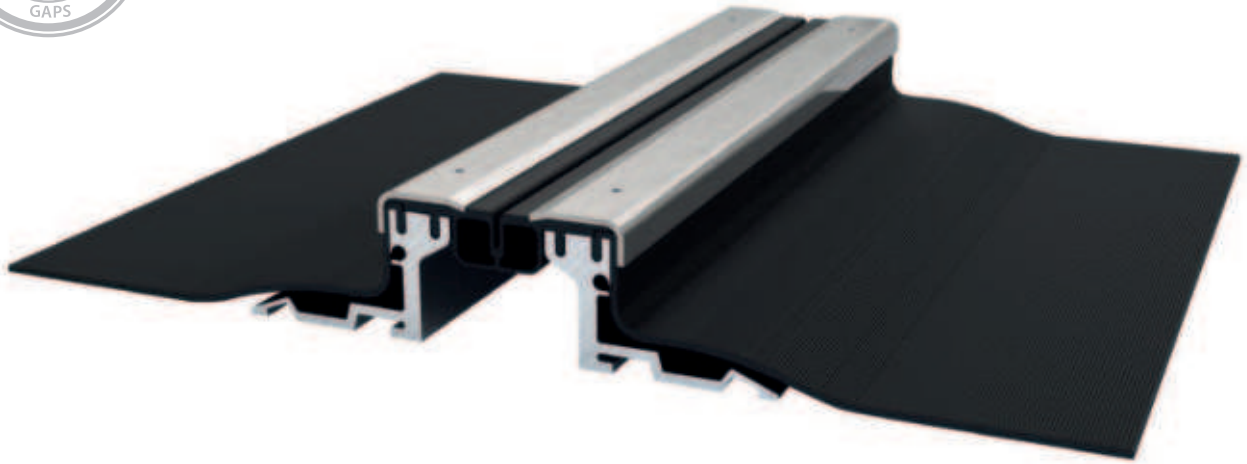


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 192 - 050	Mill Finish Flush Mounted Floor Profile	50	200	45	200	Mill Finish Alu.+TPE	± 25	9 Ton
AR 193 - 050	Galvanized Flush Mounted Floor Profile	50	170	45	170	Galvanized	± 20	6 Ton
AR 194 - 050	Mill Finish Flush Mounted Floor Profile	50	200	20	200	Mill Finish Alu.+TPE	± 25	9 Ton

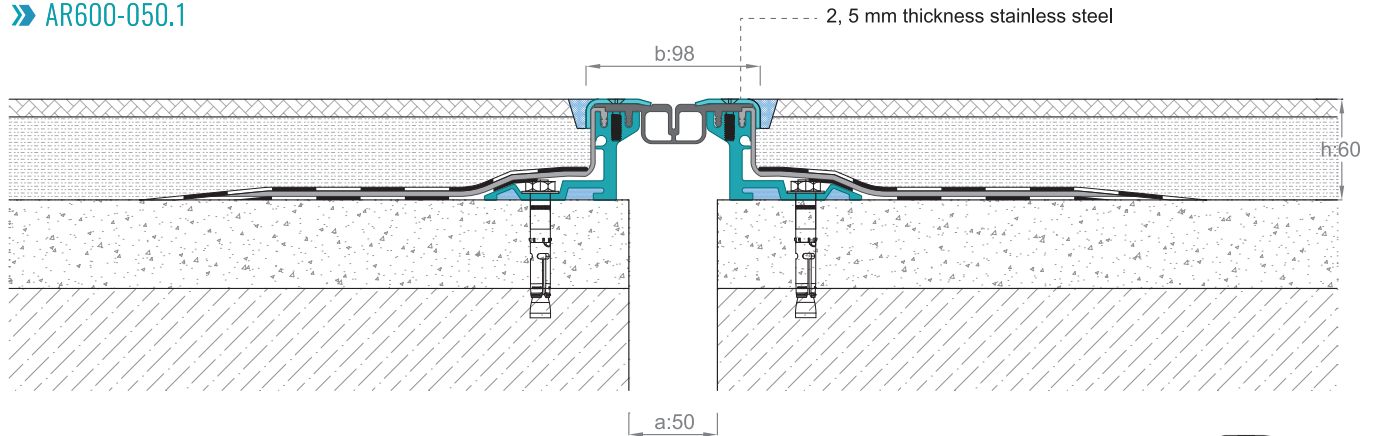


watertight and terrace expansion joint profiles

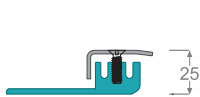
WATERTIGHT
AND TERRACE
EXPANSION
JOINT PROFILES



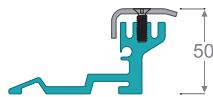
» AR600-050.1



Hygienic gasket alternative



» AR600-050.4



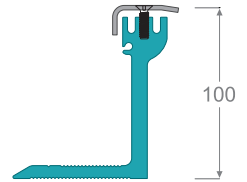
» AR600-050



» AR600-050.1

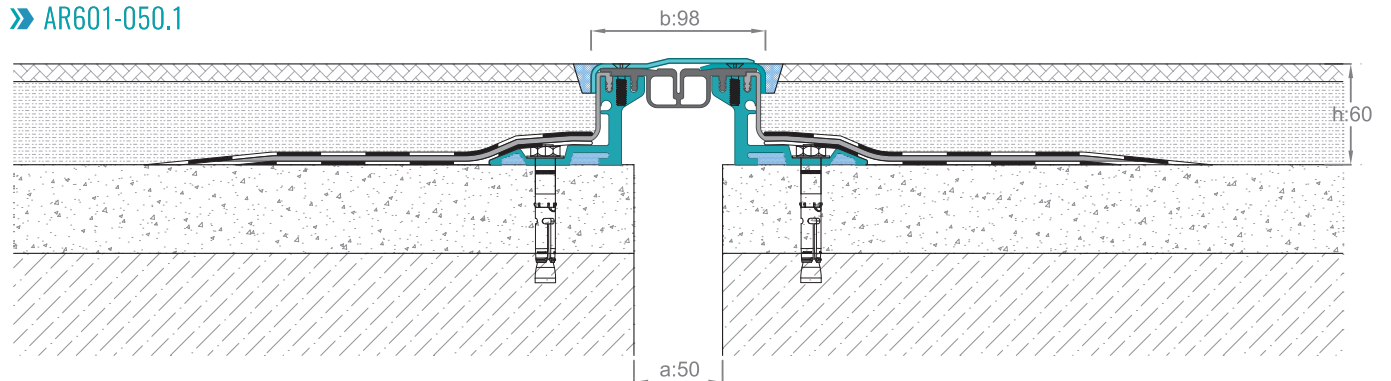


» AR600-050.2



» AR600-050.3

» AR601-050.1

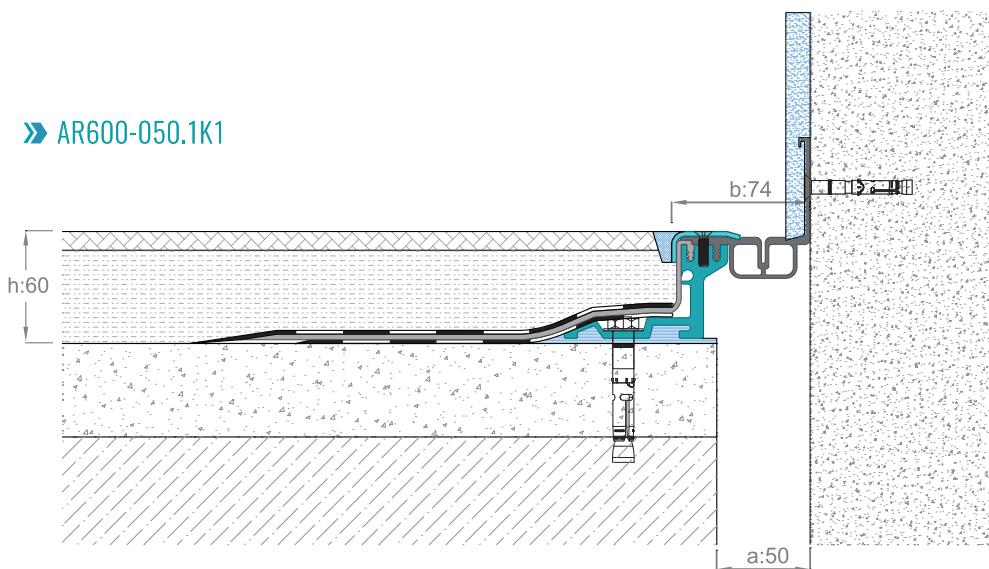


SS 304 quality stainless steel being used. Adoptable with rubber mixture bitumen membrane.

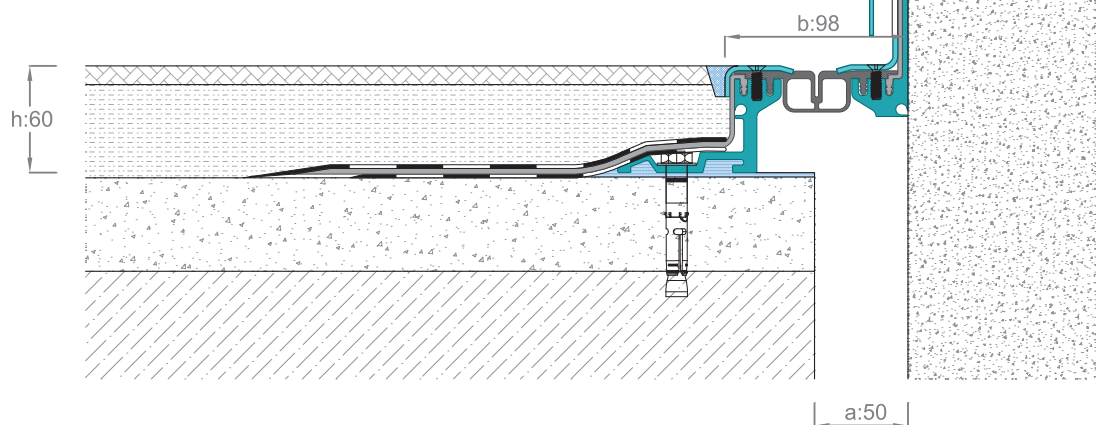
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR600-050.4	Ideal for ceramic applications	50	97	25	580	TPV + Stainless Steel	± 20	3.5 Ton
AR600-050	Suitable for granite, marble, concrete and etc.	50	98	50	560	TPV + Stainless Steel	± 20	15 Ton 6 Ton
AR601-050	Suitable for granite, marble with stainless steel top surface	50	98	50	560	Stainless Steel	± 20	15 Ton 6 Ton
AR600-050.1	Suitable for granite, marble, concrete and etc.	50	98	60	540	TPV + Stainless Steel	± 20	15 Ton 6 Ton
AR600-050.2	Suitable for granite, marble, concrete and etc.	50	98	70	520	TPV + Stainless Steel	± 20	15 Ton 6 Ton
AR600-050.3	Suitable for granite, marble, concrete and etc.	50	98	100	460	TPV + Stainless Steel	± 20	15 Ton 6 Ton



» AR600-050.1K1



» AR600-050.1K

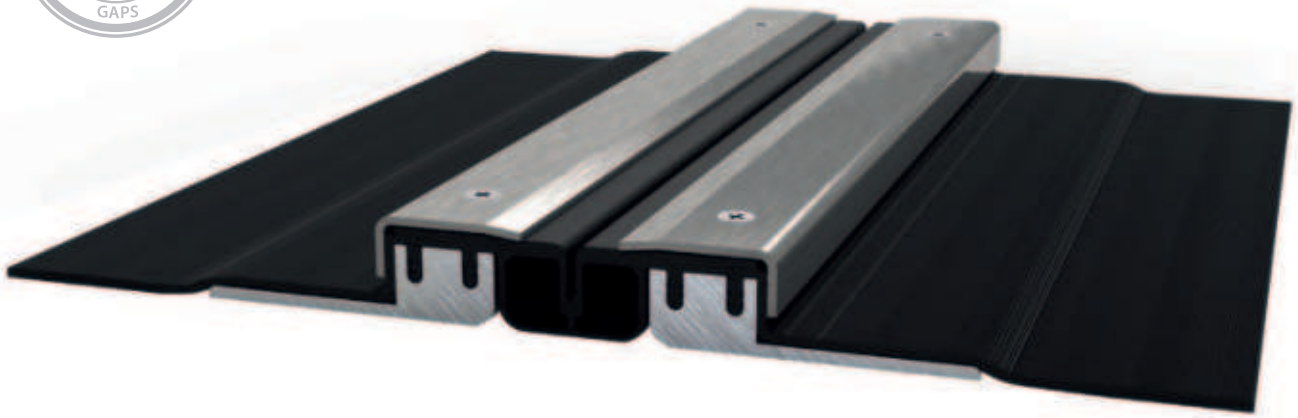


WATERTIGHT
AND TERRACE
EXPANSION
JOINT PROFILES

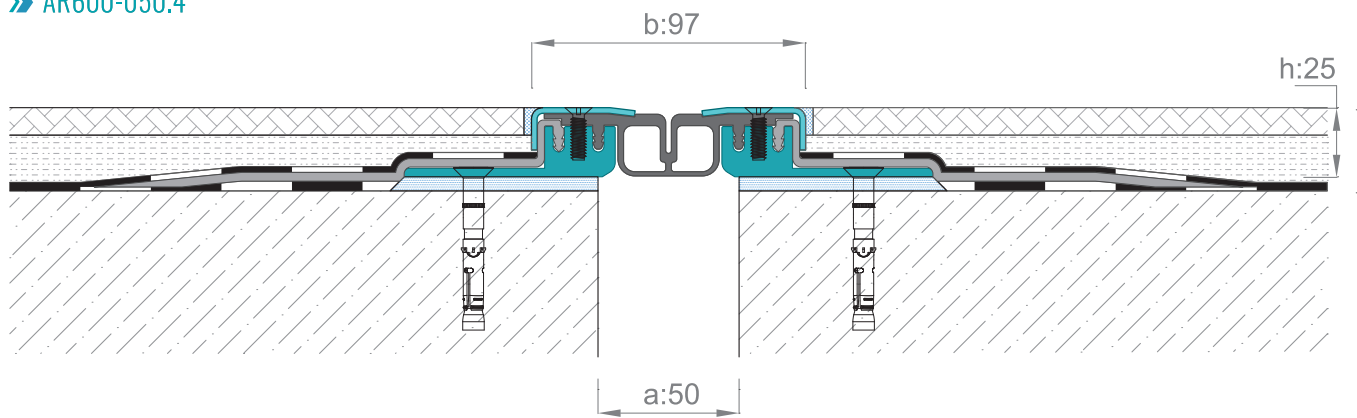
Floor to Floor Thermoplastic side winged Expansion Joint Profiles are composite of aluminium and stainless steel (SS304). Materials hygienic and complete watertight floor expansion joint profiles are connected to isolation materials by side wings and used in wet areas and terraces. Profiles produced in 3 meters lengths and gaskets in 15 meters by rolls.

APPLICATIONS

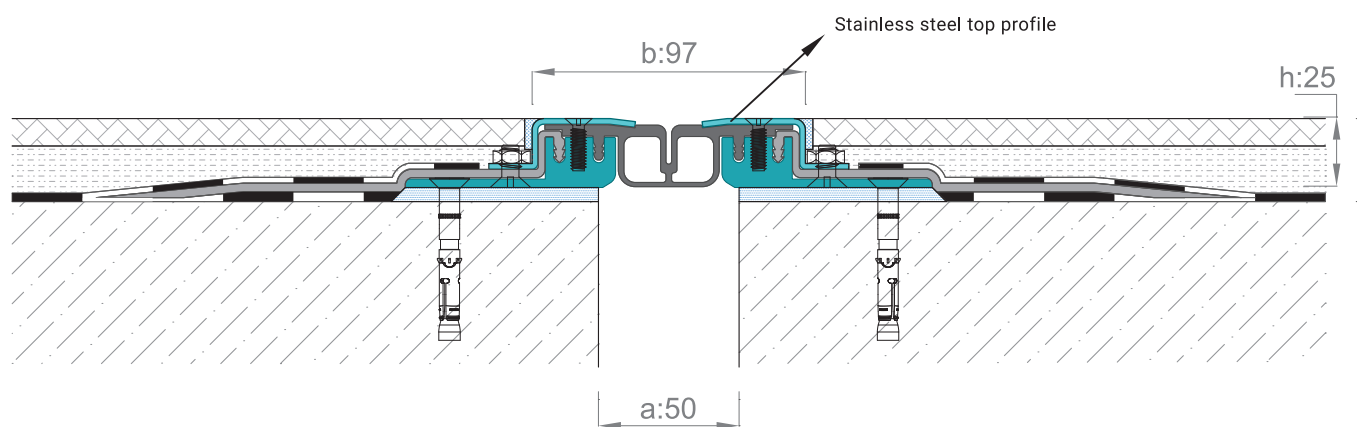




» AR600-050.4



» AR600-050 A2



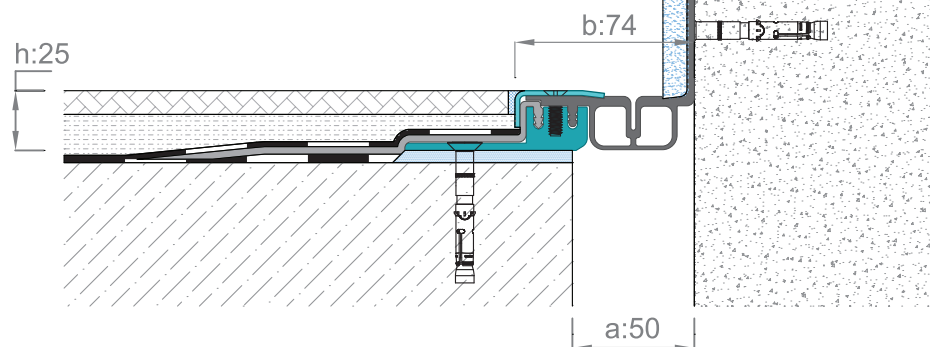
These Flush mounted and TPE inserted Expansion joint Profiles used for wet areas and terraces with low covering height.

APPLICATIONS

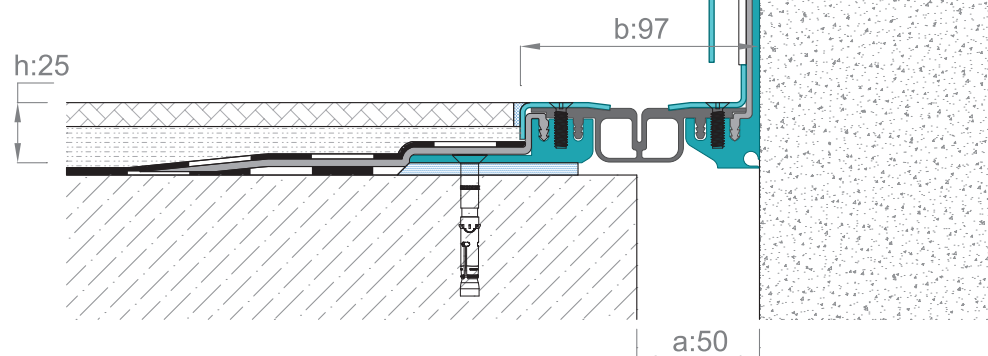




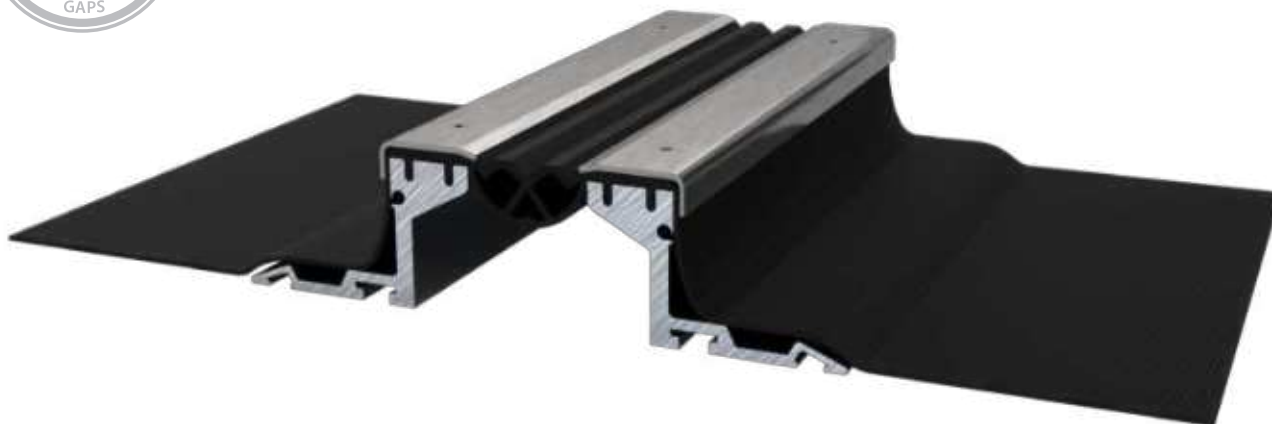
» AR600-050.4K1



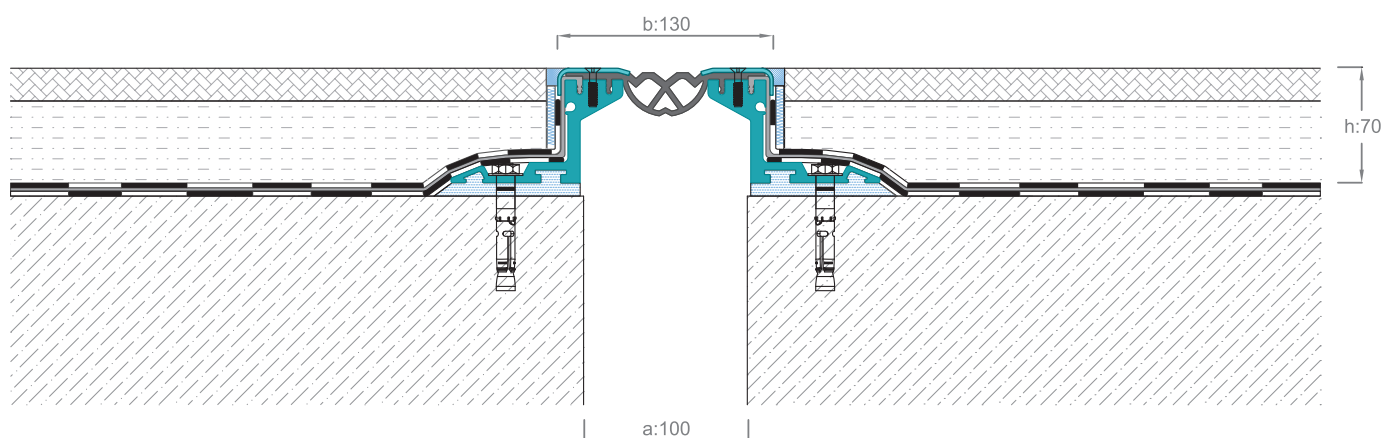
» AR600-050.4K



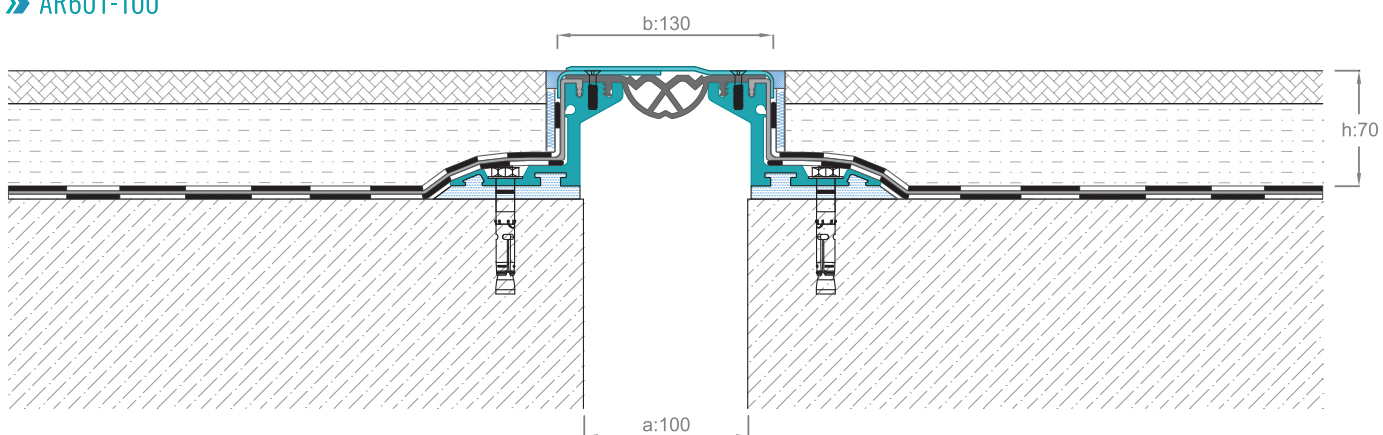
WATERTIGHT
AND TERRACE
EXPANSION
JOINT PROFILES



» AR600-100



» AR601-100

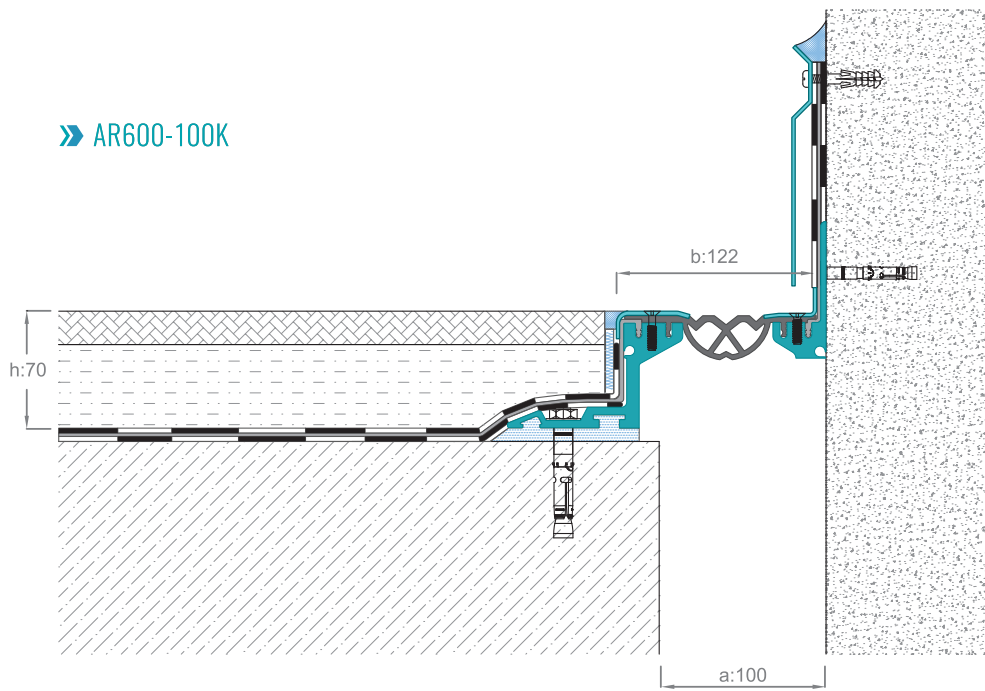


Economic stainless steel top surfaced flush mounted expansion joint profiles are used for 100 mm joint gaps. Additionally, suitable with rubber mixture bitumen membrane.

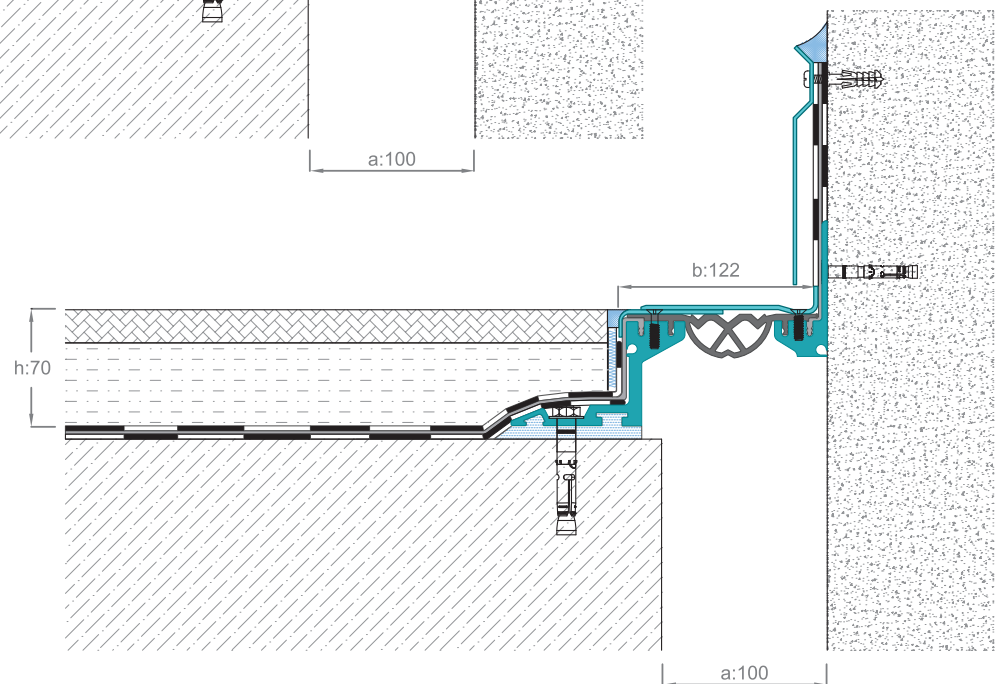
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR600-100	Suitable for granite, ceramic, concrete and etc.	100	130	70	580	TPV+Stainless Steel	± 20	9 Ton 3.5 Ton
AR601-100	Suitable for granite, marble and etc, with S. Steel top surface	100	130	70	580	Stainless Steel	± 20	9 Ton 3.5 Ton



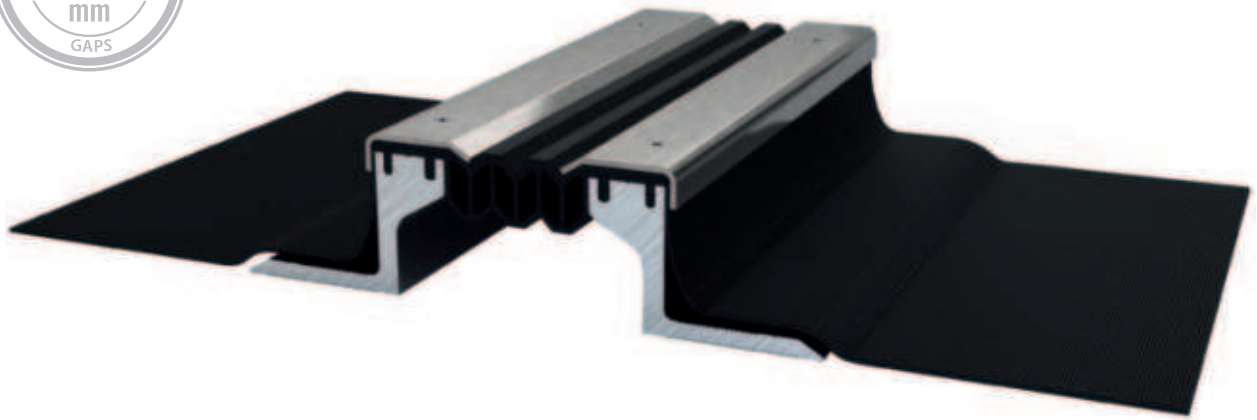
» AR600-100K



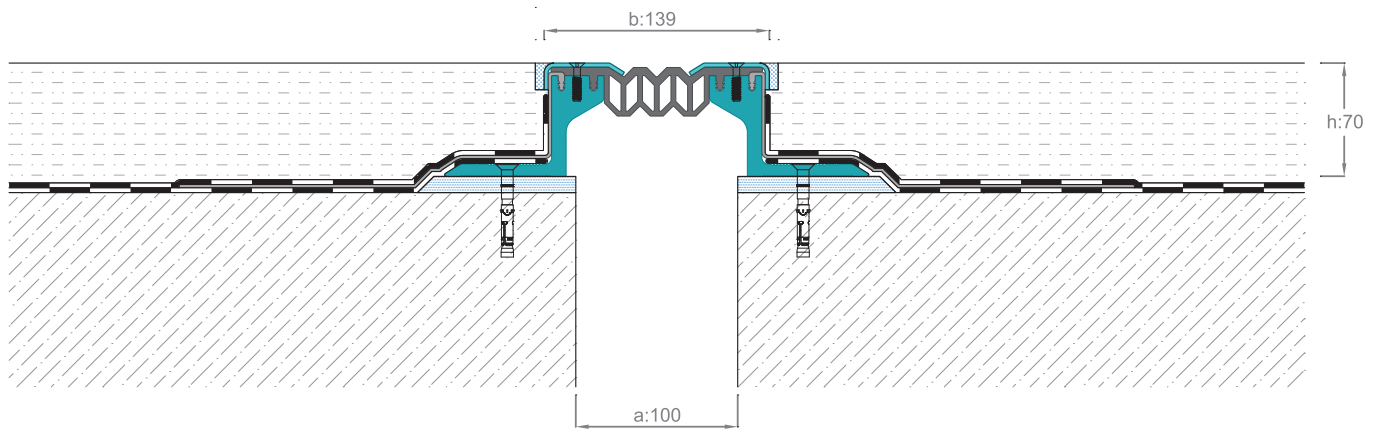
» AR601-100K



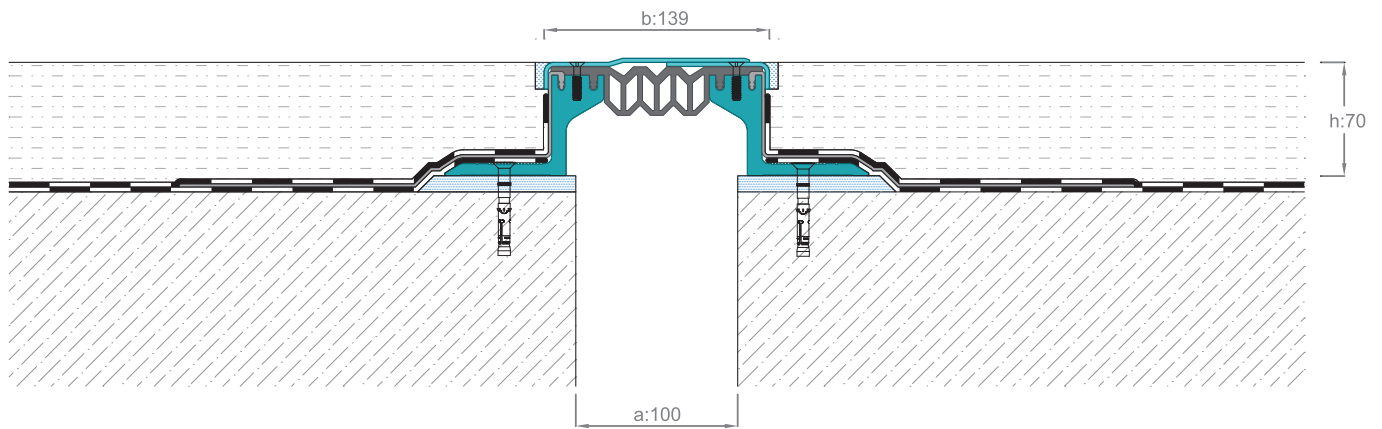
WATERTIGHT
AND TERRACE
EXPANSION
JOINT PROFILES



» AR600-101

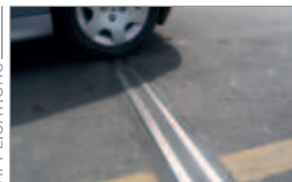


» AR601-101



TPE inserted and completely watertight Expansion Joint Profiles have the high capacity to move. Mechanical damages (screws and etc.) are prevented by hygienic top surface and TPE insert. The alternative complete stainless steel option is also available.

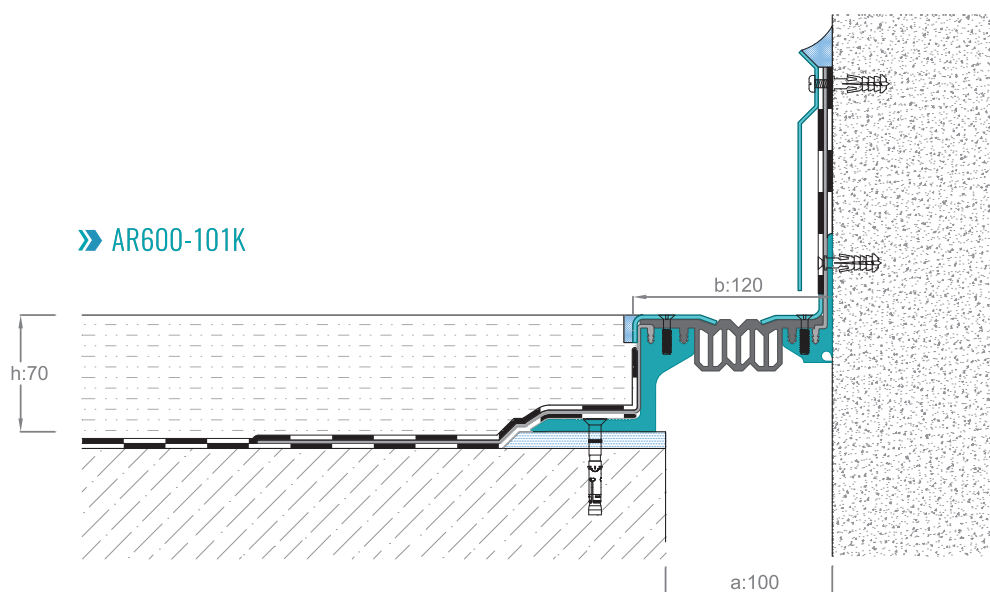
APPLICATIONS



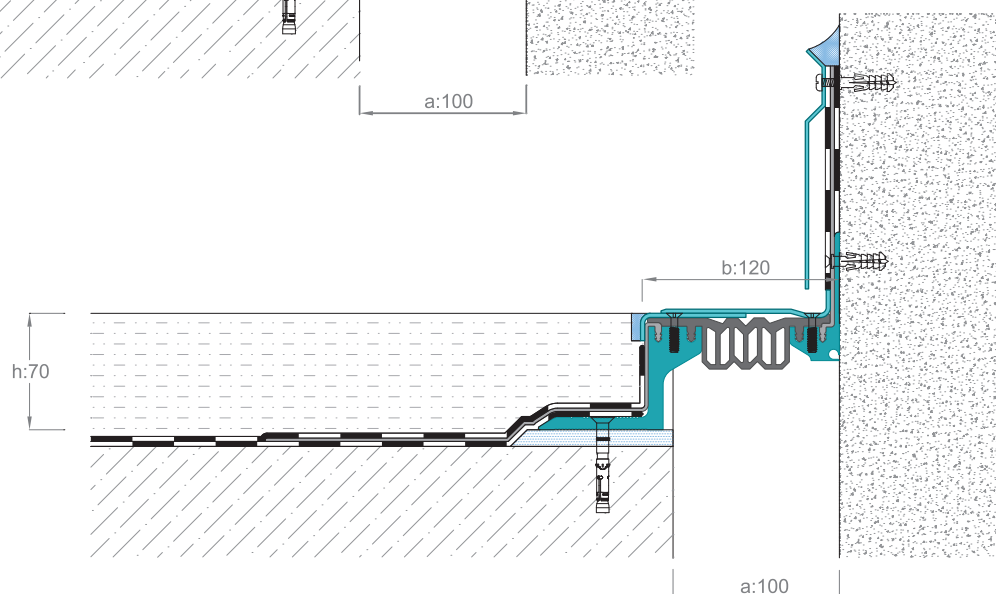
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR600-101	Suitable for granite, marble, ceramic, concrete and etc.	100	139	70	590	TPV+Stainless Steel	± 30	15 Ton 6 Ton
AR601-101	Suitable for granite, marble and etc. with Stainless steel top surface	100	139	70	590	Stainless Steel	± 30	15 Ton 6 Ton
AR600-150	Suitable for granite, marble, ceramic, concrete and etc.	150	184	70	630	TPV+Stainless Steel	± 50	15 Ton 6 Ton
AR601-150	Suitable for granite, marble and etc. with Stainless steel top surface	150	184	70	630	Stainless Steel	± 50	15 Ton 6 Ton
AR600-200	Suitable for granite, marble, ceramic, concrete and etc.	200	234	70	680	TPV+Stainless Steel	± 50	9 Ton 3.5 Ton
AR601-200	Suitable for granite, marble and etc. with Stainless steel top surface	200	234	70	680	Stainless Steel	± 50	9 Ton 3.5 Ton



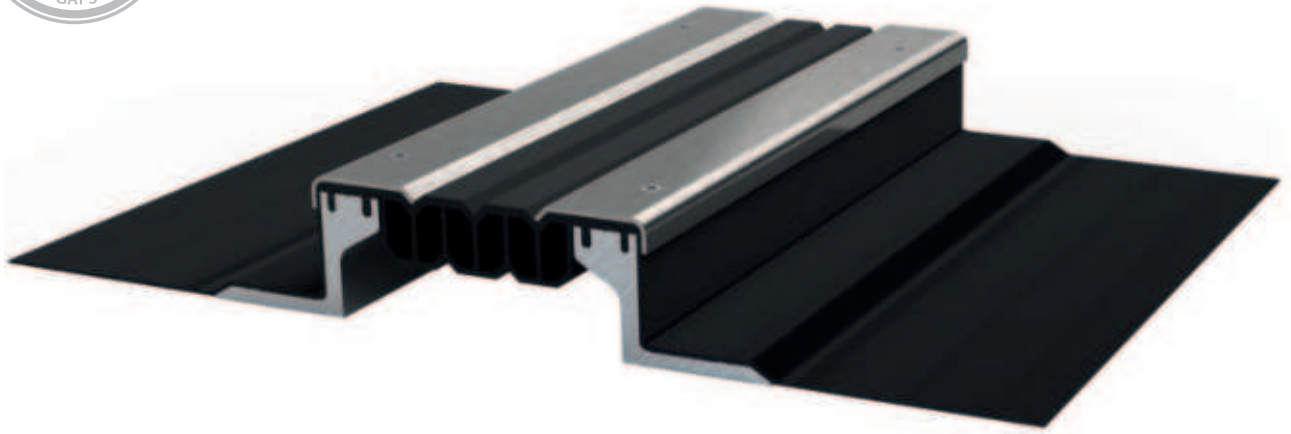
» AR600-101K



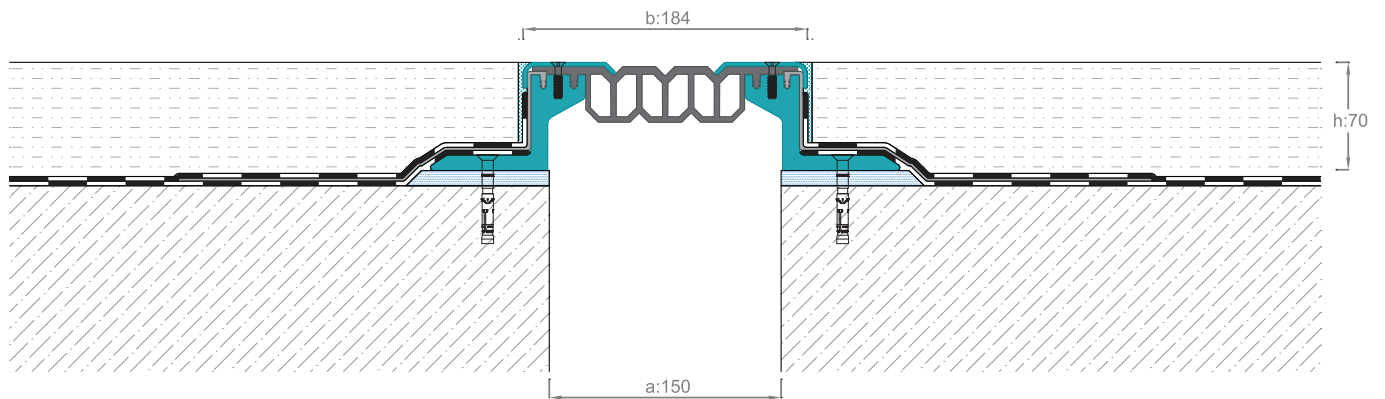
» AR601-101K



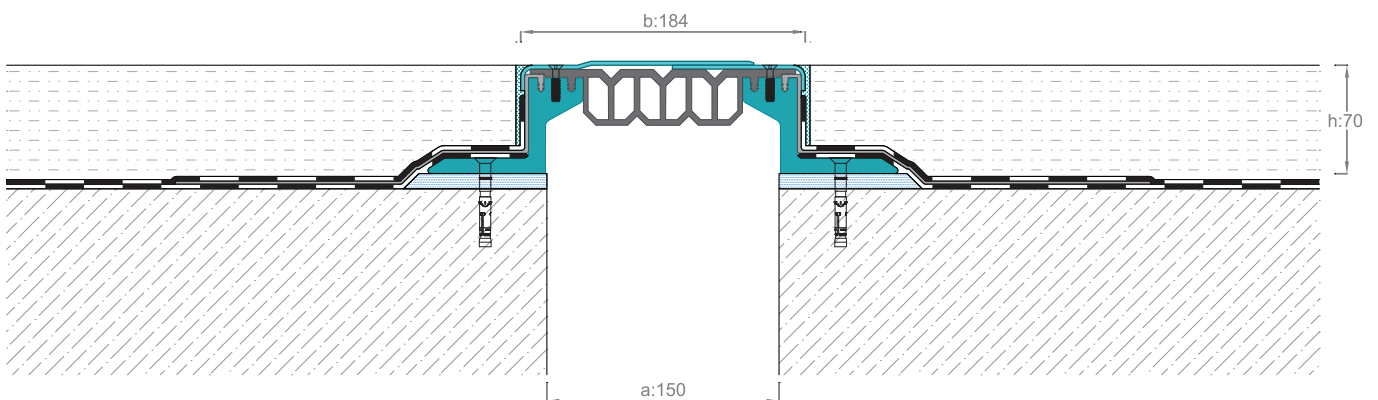
WATERTIGHT
AND TERRACE
EXPANSION
JOINT PROFILES



» AR600-150



» AR601-150



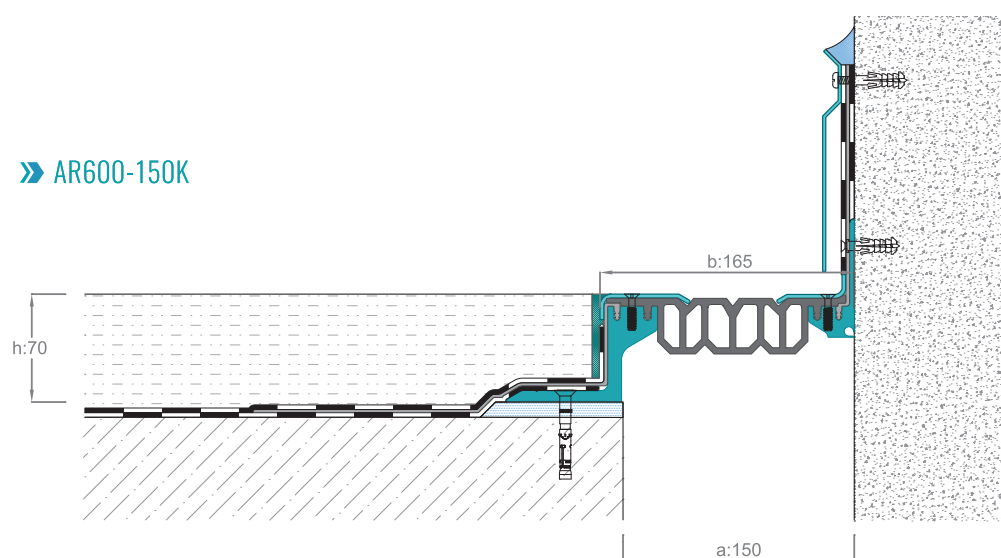
Flush mounted floor and completely watertight Expansion Joint Profiles are suitable for 15 cm gaps and resistant to heavy loads by having special TPE insert in the middle. They can comfortably be used in open and closed areas. Connection of T and L details are also available. Movement capacity and load capacity details can be found in page 85.

APPLICATIONS

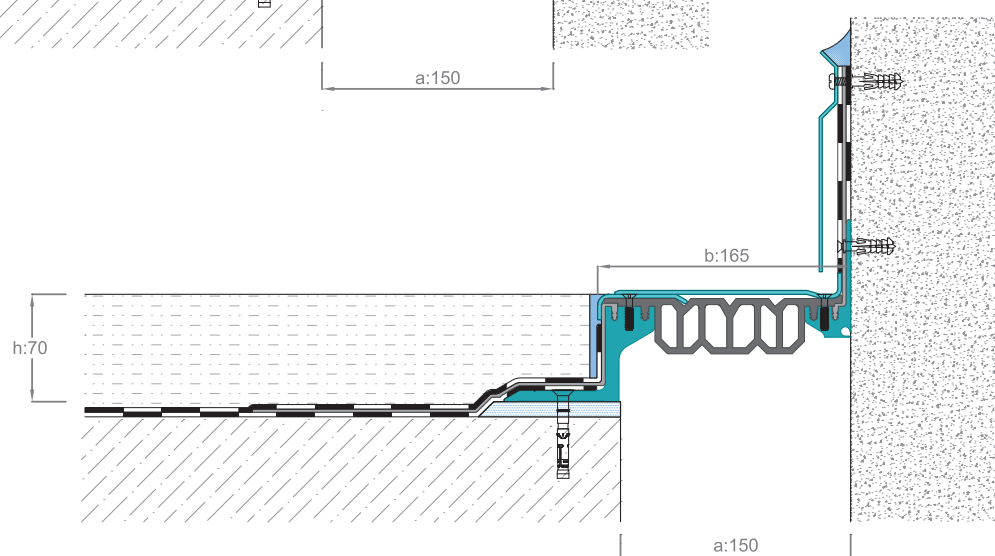




» AR600-150K

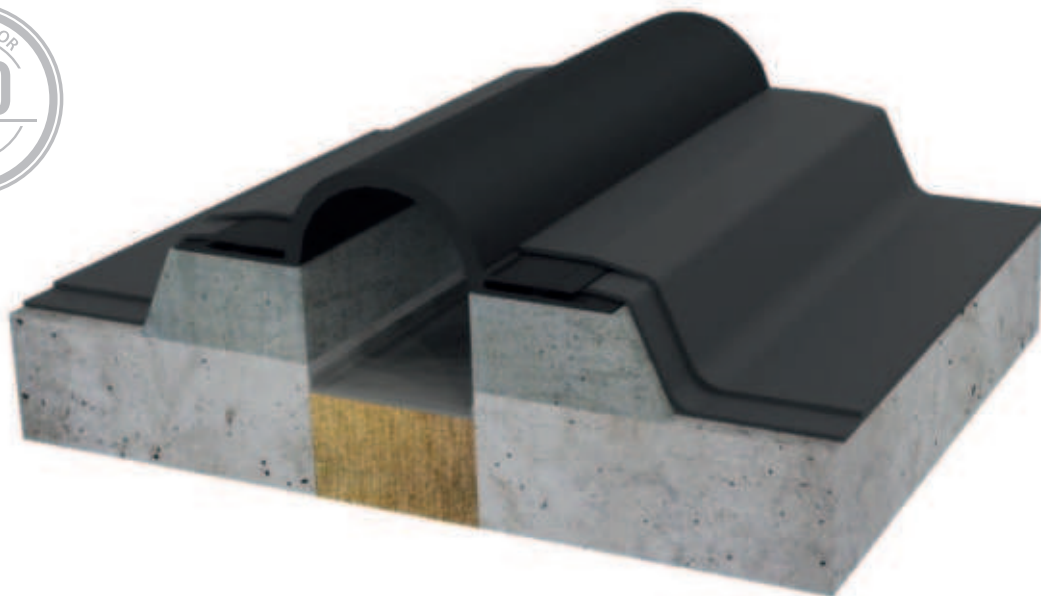


» AR601-150K

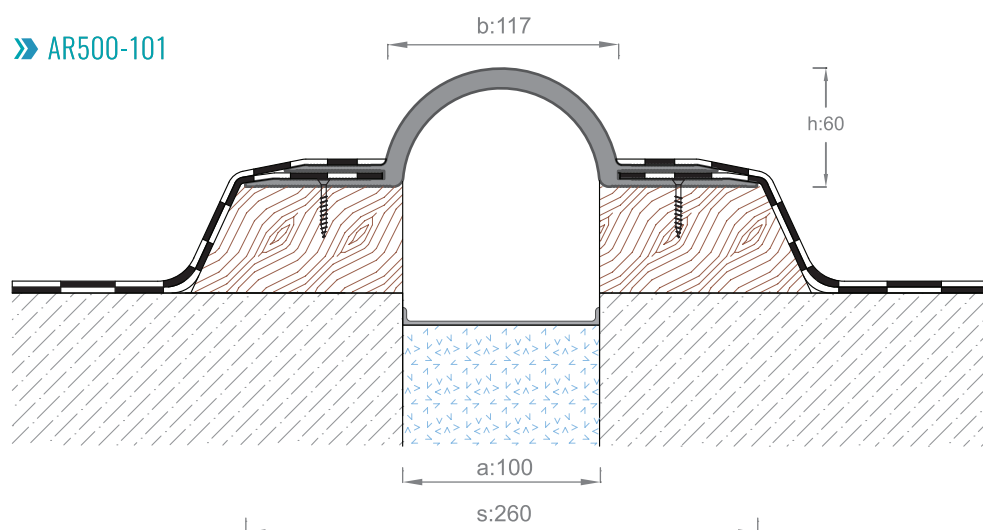


WATERTIGHT
AND TERRACE
EXPANSION
JOINT PROFILES

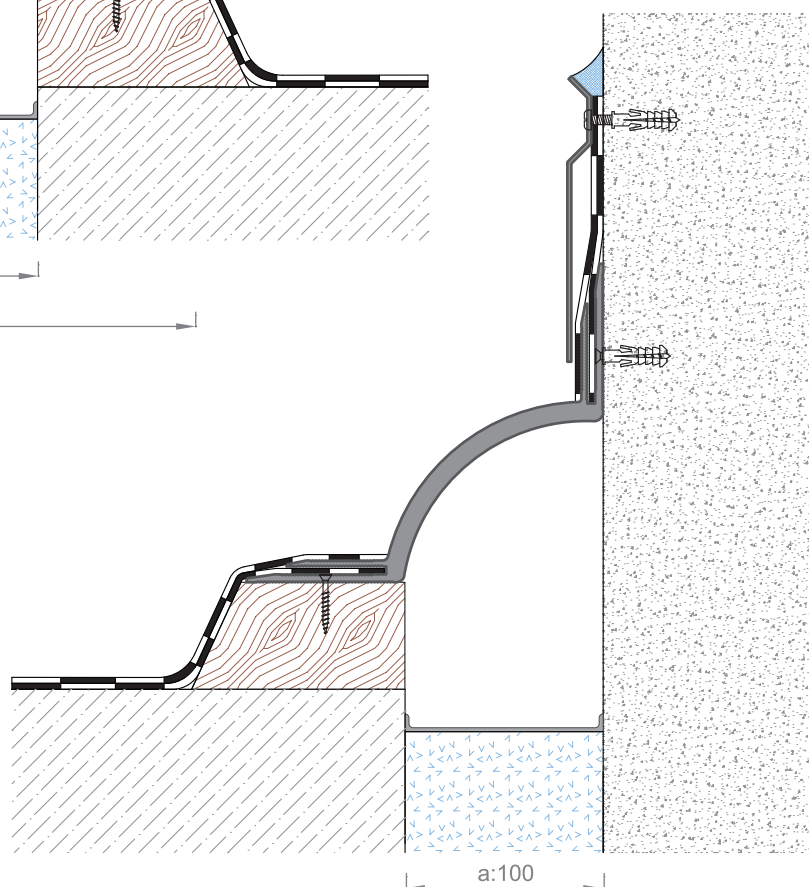
Additional bits can be melted by only using hot air supply and does not require any other extra source.



» AR500-101

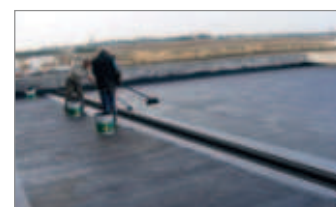


» AR500-101 CORNER DETAIL



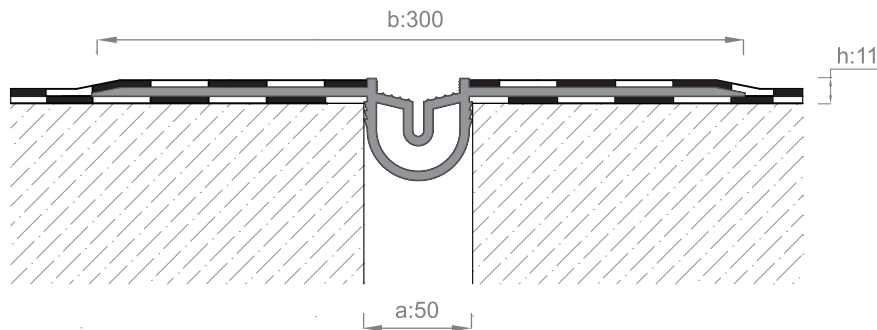
10 mm thick omega terrace thermoplastic pvc bands are resistant to impacts and tearing risks with its strong middle part. Produced in 15 meter lengths.

APPLICATIONS





» AR500-030



TS 3078-1

November 2018 -Turkish Standard

» AK 20/2

» AK 20/3

» A 24/4

» AA 24/4

» A 20/5

» I 20/4

» DA 24/4

» D 24/4

WATERTIGHT
AND TERRACE
EXPANSION
JOINT PROFILES

ARFEN's different typed and dimensioned watertight bands are suitable for International standards and Turkish standards. Utilized in foundation to retaining wall, foundation to foundation and retaining wall to retaining wall. Delivered in 25 meters length as a roll.

APPLICATIONS





Purpose of use: For several reasons (settlement, earthquake and etc.) many structures face with horizontal or vertical gaps. To maintain watertightness in these gaps ARFEN's PVC watertight bands are applied.

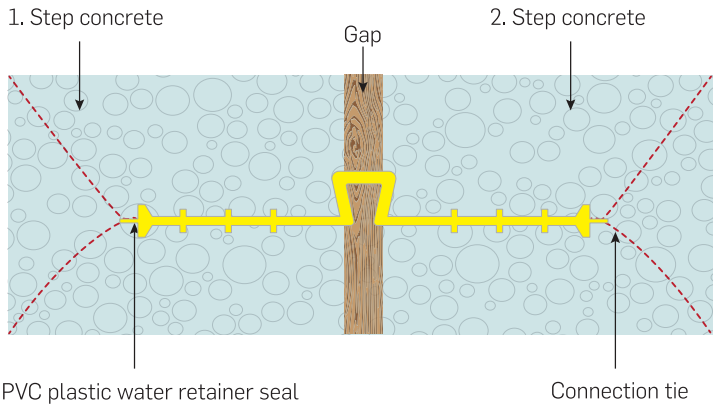
Material: Extruded by maintaining appropriate temperature and pressure using mixture of Polyvinyl chloride (PVC) resin, various catalysts, stabilizer, antioxidants, stain, hardener and plasticizer.

» APPLICATION AREAS

Hydraulic power plants, Bridges, Underground constructions, Viaducts, Retaining walls, Flooring and bases sitting on the ground, hydraulic power stations, underground water below the groundwater level, Drainage, Water reservoirs, Reservoirs, Water treatment facilities, Swimming pools, Waterfalls, curtain compositions, Industrial constructions.

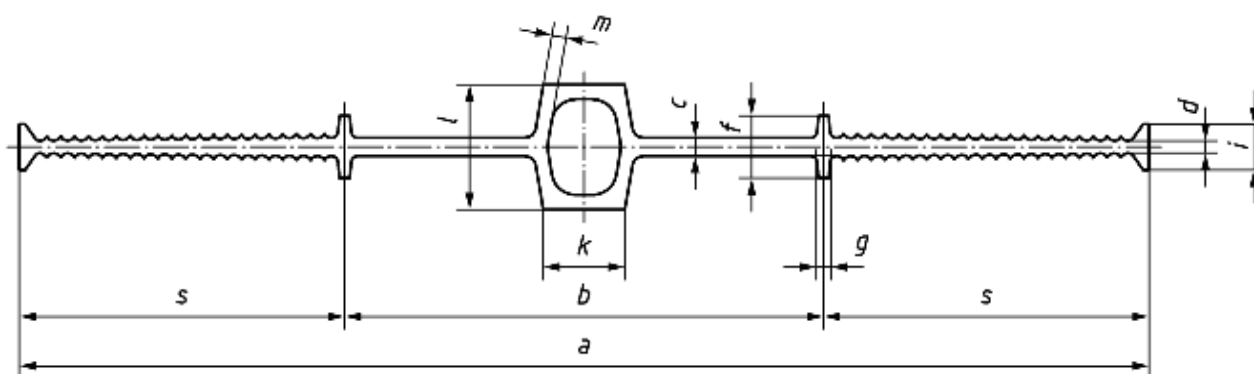
» TECHNICAL SPECIFICATION

Tensile strength	Average value	Min. 14	N/mm2
	The smallest value	Min. 12	N/mm2
Stretching capacity	Average value	Min. 225	%
	The smallest value	Min. 200	%
Type A Shore durometer Hardness grade		75±5	Shore "A"
Unit volume of mass (density)		1,27±0,04	g/cm3
Mass to water absorption ratio		Max. 1,5	%
Mass to ash ratio suture		Max. 5,0 (m/m)	%




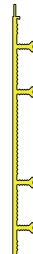


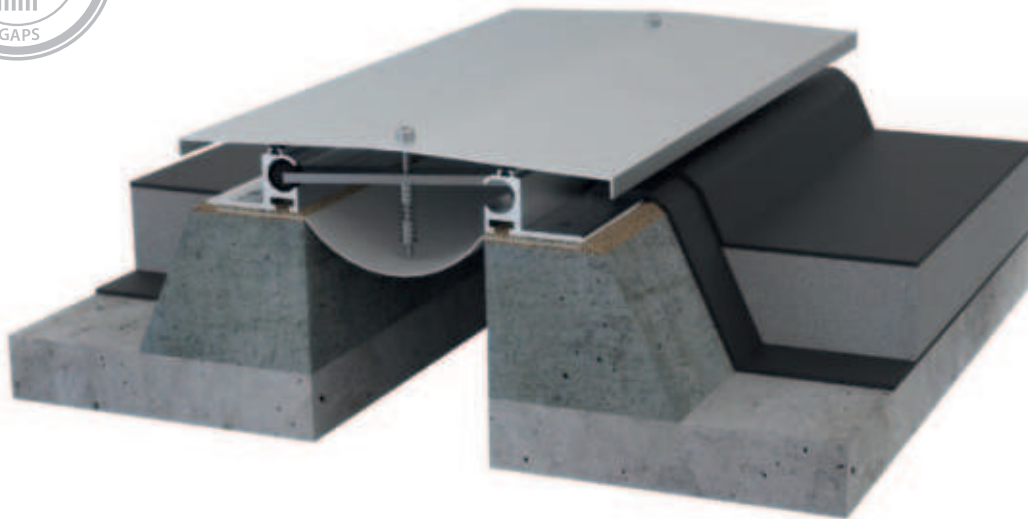
APPLICATIONS



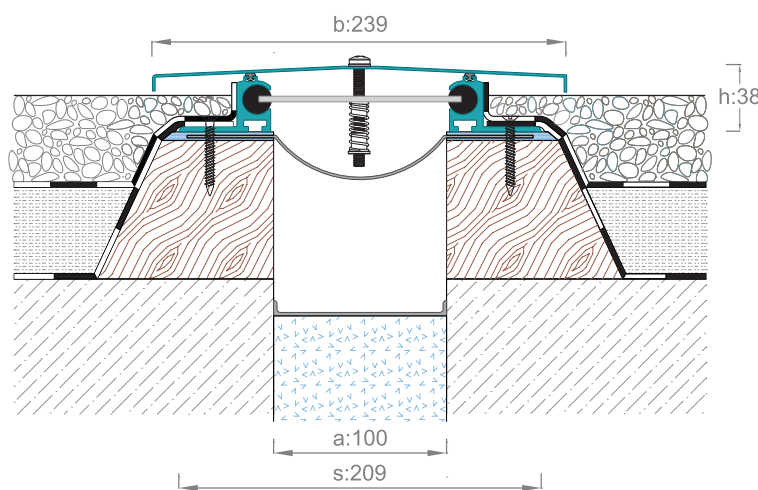


- a** Total width
b Expansion area width
c Thickness of the thinnest part in expansion area
d Thickness of the thinnest part in fastening area
e Height of flat anchoring (fastening) nail
f Width of the fastening area - Middle axis
g Width of the anchoring nail
h Thickness of the thinnest part in expansion gap area
i Thickness of side anchoring bit
k Expansion gap width
l Height of expansion gap area
m Thickness of the thinnest part in expansion gap area

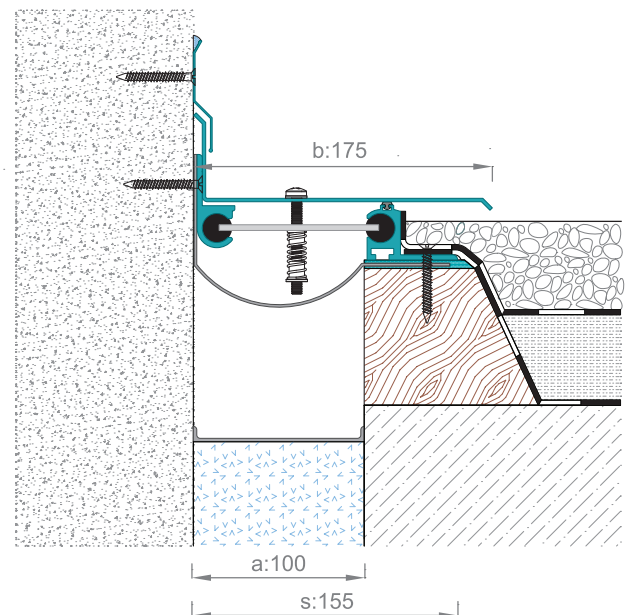
Type	Width			Thickness	Profile				Expansion Gap				
D 	a	b	s	c	d ^a	f	g	i	k	l	m ^b		
	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum		
	240	80	62,5	4	3	15	≥c	11 ≥d+ 6	20	30	3,5		
	320	100	75	5	3,5	≥3 c				35	4		
500	150	100	6	4,5	18 ≥3 c	45				4,5			
A 	Width			Thickness			Profile						
	a	b	s	c	d ^a	f	g	i					
	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum					
	240	80	62,5	3,5	2,5	15 ≥3 c	≥ c	11 ≥ d + 6					
	320	100	75	4,5	3								
	500	150	100	6	3,5	18 ≥3 c							
DA 	Width		Thickness	Profile						Expansion Gap			
	a	b	c	N	e	f	f ₁ ^a	g	h	i	k	l	m
	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum
	240	90	4	4	45	20	16	4	4	11 ≥h+6	20	20	4
	320	100		6		25	21	≥c					
	500	120		8		25	21	≥ 0,2 f					
AA 	Width	Thickness	Profile										
	a	b	c	N	e	f	f ₁ ^a	g	h	i			
	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum			
	240	80	4	4	45	20	16	4	4	11 ≥h+6			
	320	100		6		25	21	≥c					
	500	150		8		25	21	≥0,2 f					



» AR605-100



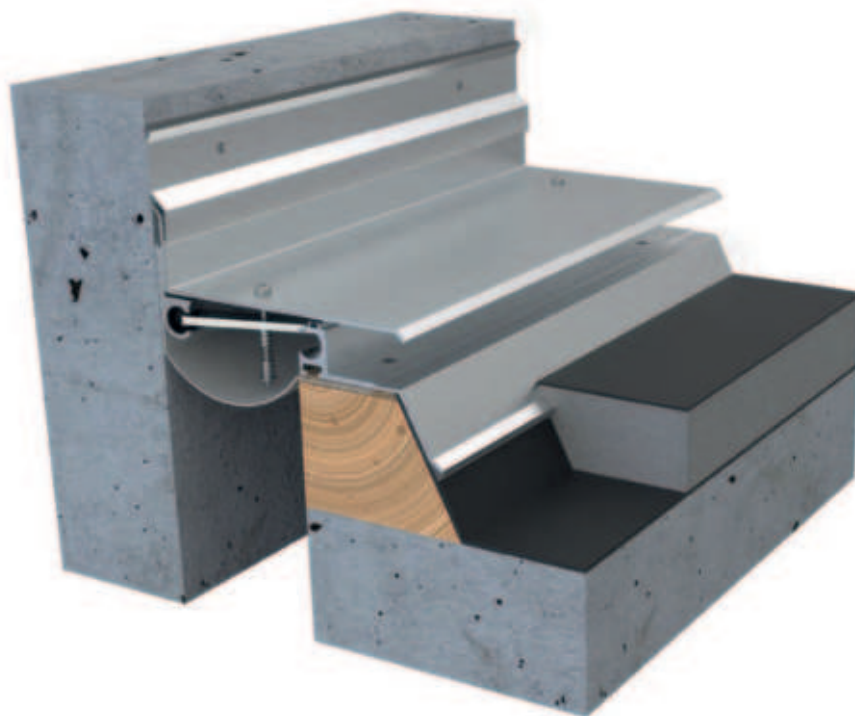
» AR605-100K



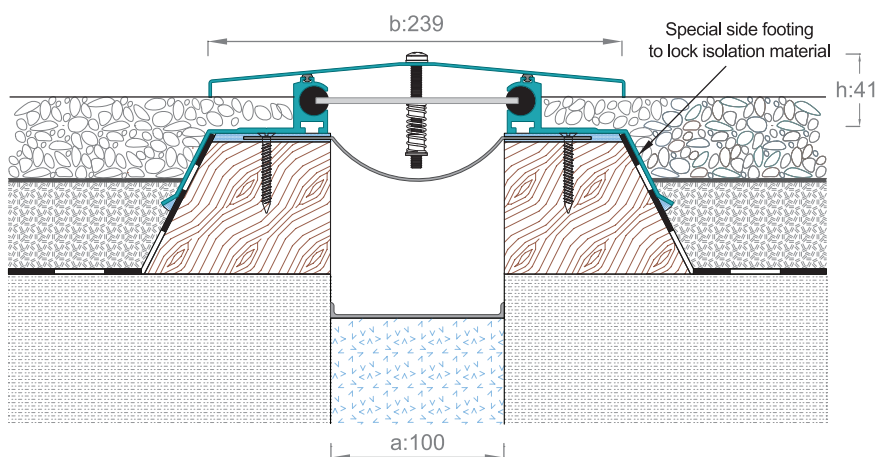
Coping type Terrace Expansion Joint Profiles are used as protectors and isolators in opened terraces. Applied with bitumen absorbed wooden wedges or dilatation concrete. H profiles are fitted in additional places to achieve complete watertightness.



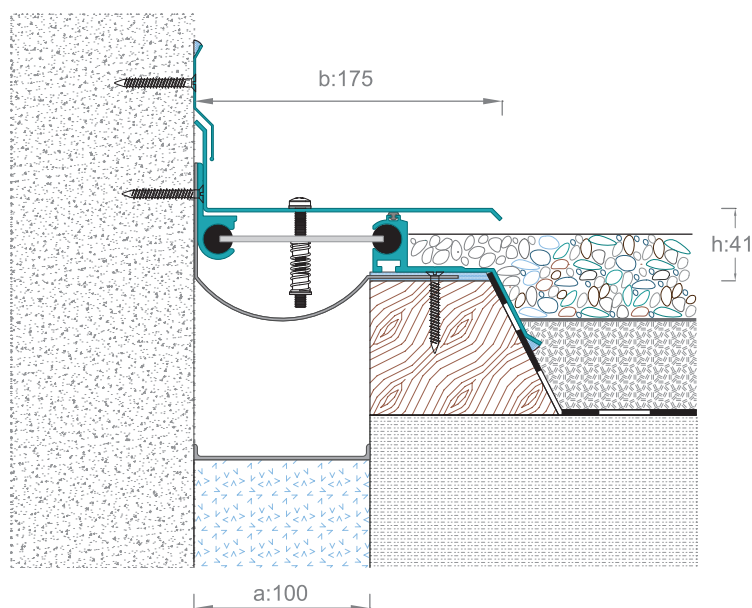
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 605 - 050	Coping profiles for terrace applications	50	189	38	189	Anodised Alu./ Powder coated paint	± 25
AR 605 - 100	Coping profiles for terrace applications	100	239	38	239	Anodised Alu./ Powder coated paint	± 50
AR 605 - 150	Coping profiles for terrace applications	150	289	38	289	Anodised Alu./ Powder coated paint	± 75
AR 605 - 200	Coping profiles for terrace applications	200	339	38	339	Anodised Alu./ Powder coated paint	± 100
AR 605 - 250	Coping profiles for terrace applications	250	389	38	389	Anodised Alu./ Powder coated paint	± 100
AR 605 - 300	Coping profiles for terrace applications	300	439	38	439	Anodised Alu./ Powder coated paint	± 100



» AR605-101

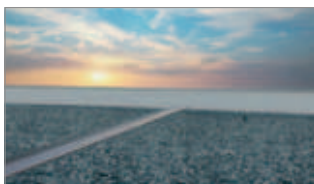


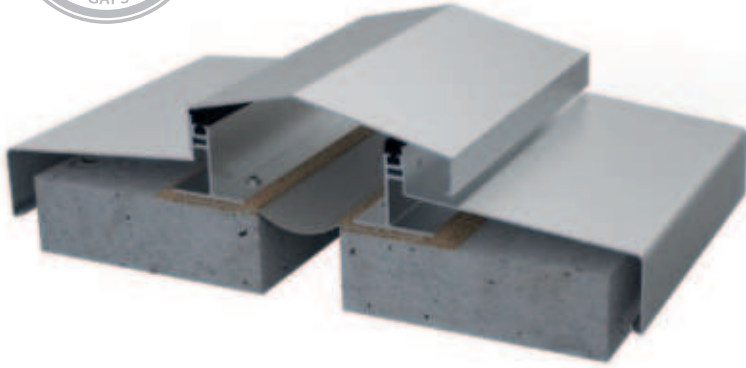
» AR605-101K



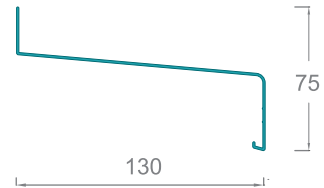
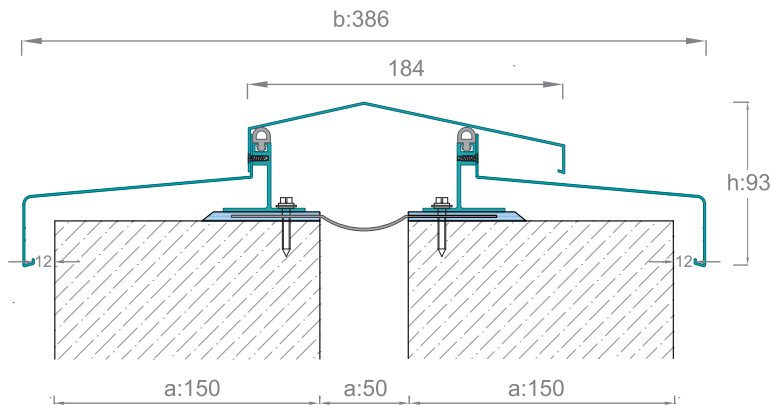
WATERTIGHT
AND TERRACE
EXPANSION
JOINT PROFILES

APPLICATIONS

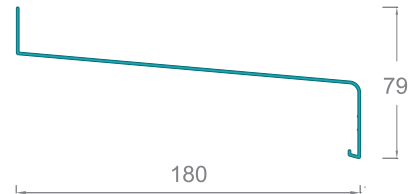




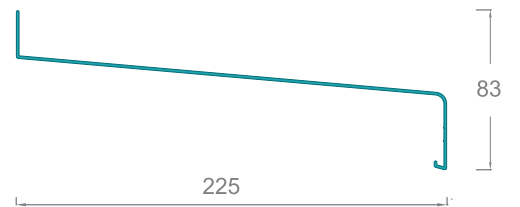
» AR606-050



AR 606-050 15 CM PARAPET

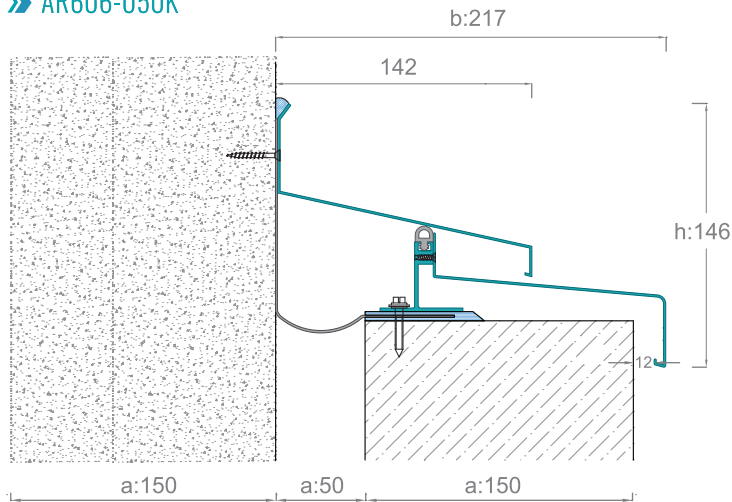


AR 606-051 20 CM PARAPET



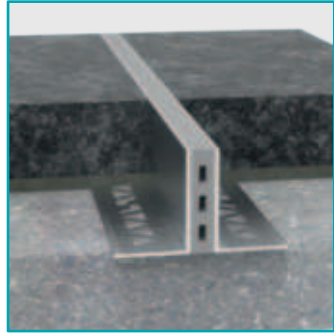
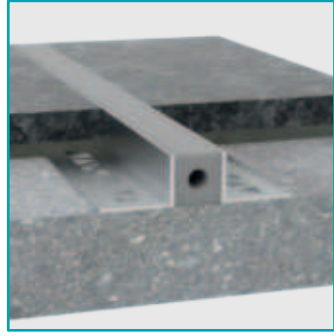
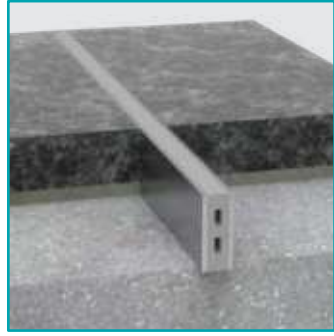
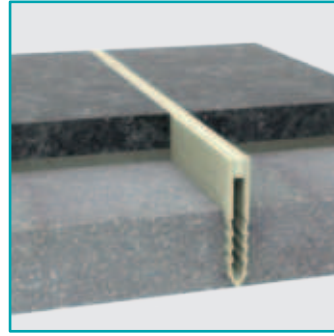
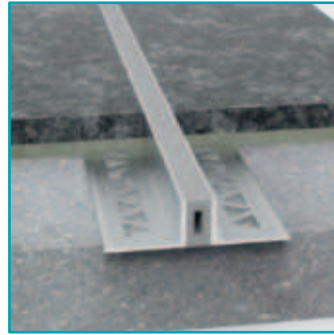
AR 606-052 25 CM PARAPET

» AR606-050K

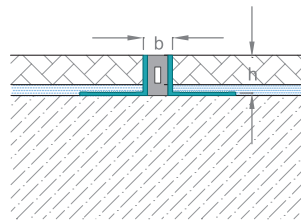
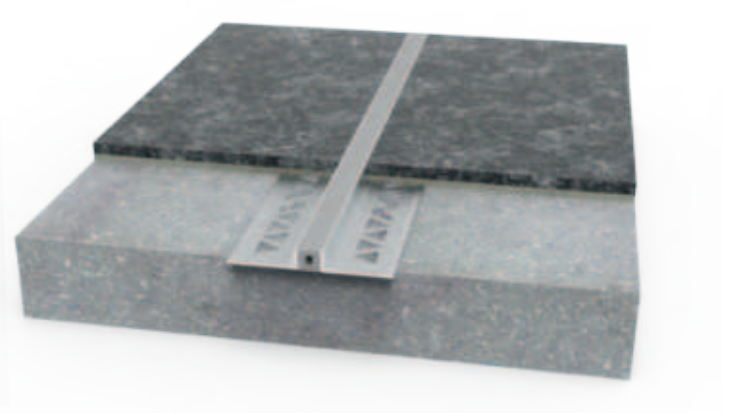
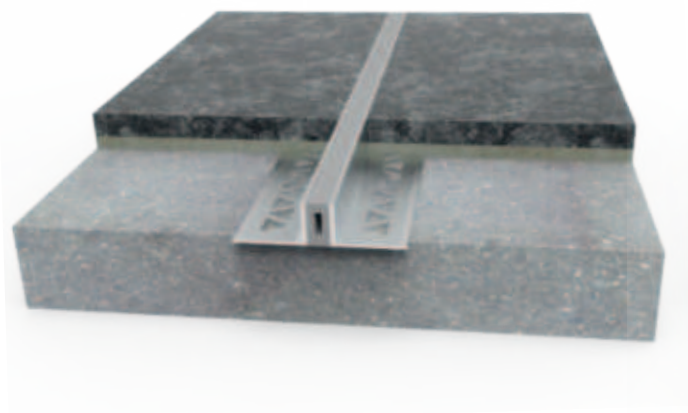


Terrace Coping Profiles bottom footing can be produced according to the gap dimensions. Watertightness can be obtained by TPE H profile.

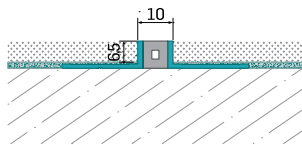
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 606 - 050	Coping profiles for terrace applications	50	386	93	386	Anodised Alu./ Powder coated paint	± 25
AR 606 - 100	Coping profiles for terrace applications	100	436	93	436	Anodised Alu./ Powder coated paint	± 50
AR 606 - 150	Coping profiles for terrace applications	150	486	93	486	Anodised Alu./ Powder coated paint	± 50
AR 606 - 200	Coping profiles for terrace applications	200	536	93	536	Anodised Alu./ Powder coated paint	± 50
AR 606 - 250	Coping profiles for terrace applications	250	586	93	586	Anodised Alu./ Powder coated paint	± 50
AR 606 - 300	Coping profiles for terrace applications	300	636	93	636	Anodised Alu./ Powder coated paint	± 50



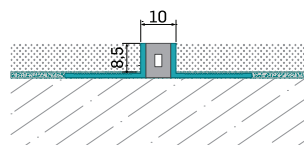
movement joint profiles



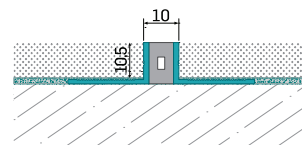
» DP 01-06



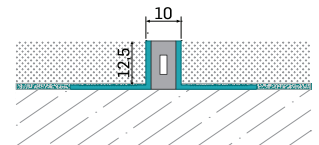
» DP 01-08



» DP 01-10



» DP 01-12



» WHY MOVEMENT JOINT PROFILES ARE USED?

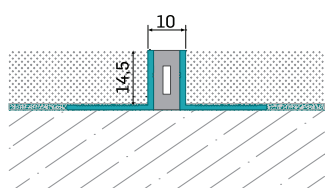
Ceramic, granite, porcelain, stone, glassy ceramics, concrete and marble tiles and terrazzo floor cover applications require thermal expansion joints profiles to absorb natural movements. The temperature difference causes expansion and shrinkage in water or moisture coatings thus, all the tiles shrink with drying and cooling. Another reason, dynamic structural loads cause vibration and large movements in the tile applications. If expansion joint is not used in tile, ceramic, granite or marble applications, internal stresses due to expansion or internal shrinkage can cause many problems such as, obvious cracks and breakage. Therefore, joint design extremely significant for the life of the coatings.

» APPLICATION STANDARDS

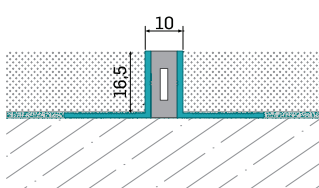
Application Area	Minimum Application Area m2	Maximum Application Area m2	Movement Joint Width (Elastomer bit)
Internal Areas	4,80 mt * 4,80 mt	6,00 mt * 6,00 mt	6 mm
Internal Areas (Moist and Sun lighted areas)	3,60 mt * 3,60 mt	4,80 mt * 4,80 mt	6 mm
External Areas	2,40 mt * 2,40 mt	3,60 mt * 3,60 mt	10 mm
External Areas (Hottest and coldest temperature differences ≥ 40 C)	2,40 mt * 2,40 mt	3,60 mt * 3,60 mt	13 mm



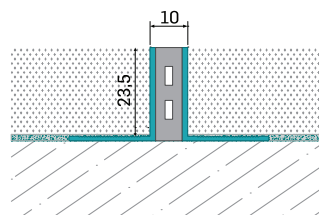
» DP 01-14



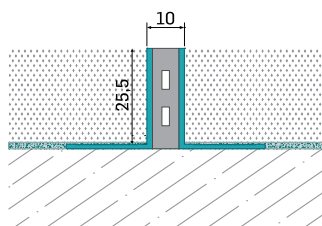
» DP 01-16



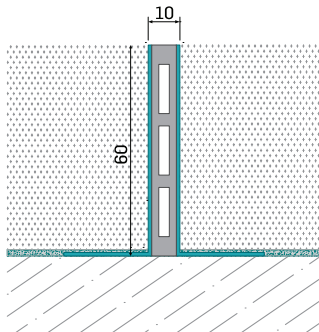
» DP 01-23



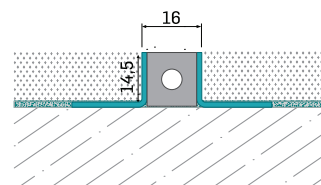
» DP 01-25



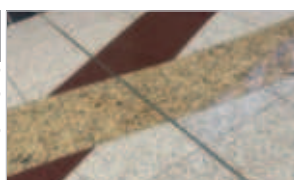
» DP 01-60



» DP 13-14

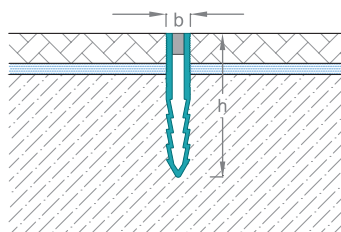


APPLICATIONS

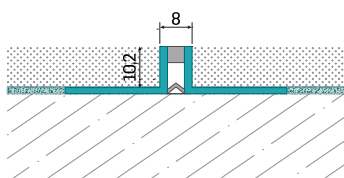


MOVEMENT
JOINT PROFILES

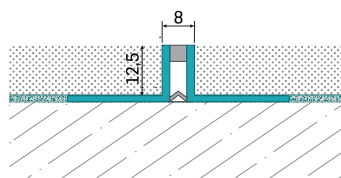
PRODUCT CODE	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	MOVEMENT CAPACITY mm
DP 01-06	10	6,5+1,2	+5/-3
DP 01-08	10	8,5+1,2	+5/-3
DP 01-10	10	10,5+1,2	+5/-3
DP 01-12	10	12,5+1,2	+5/-3
DP 01-14	10	14,5+1,2	+5/-3
DP 01-16	10	16,5+1,2	+5/-3
DP 01-23	10	23,5+1,2	+5/-3
DP 01-25	10	25,5+1,2	+5/-3
DP 01-60	10	58,5+1,5	+5/-3
DP 13-14	16	14,5+1,5	±7



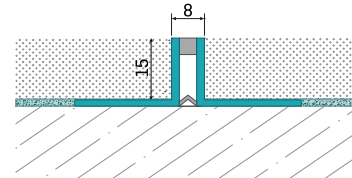
» DP 02-10



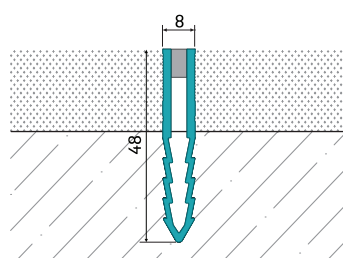
» DP 02-12



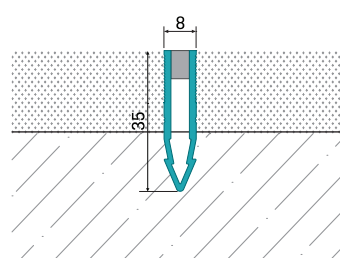
» DP 02-15



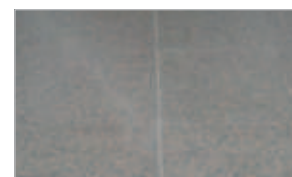
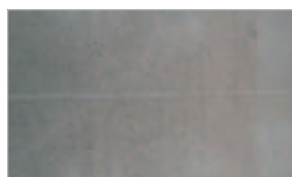
» DP 06



» DP 06-1

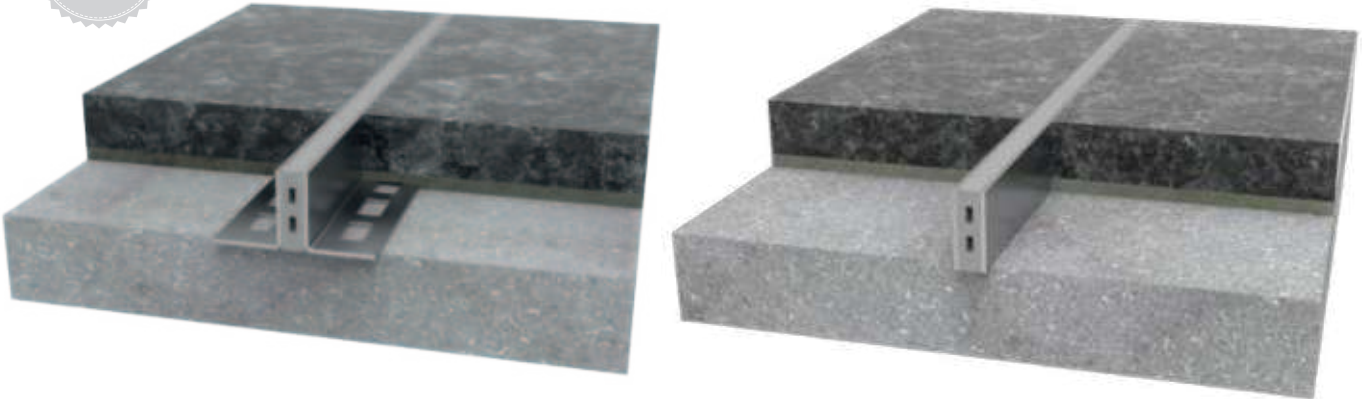


APPLICATIONS

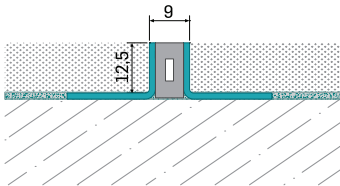


PRODUCT CODE	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	MOVEMENT CAPACITY mm
DP 02-10	8	10,5+1,2	±2
DP 02-12	8	12,5+1,2	±2
DP 02-15	8	15+1,2	±2
DP 06	8	48	±2
DP 06-1	8	35	±2

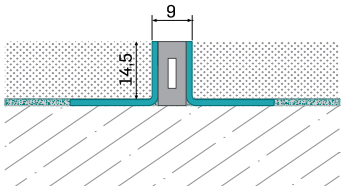
Stainless Steel
304 Quality



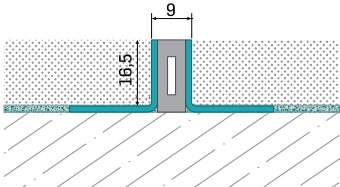
» DP 08-12



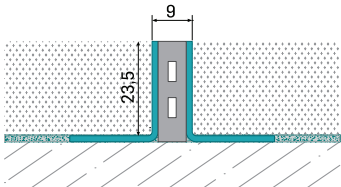
» DP 08-14



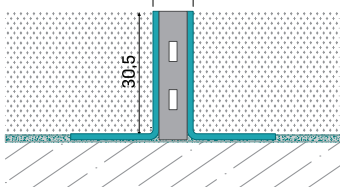
» DP 08-16



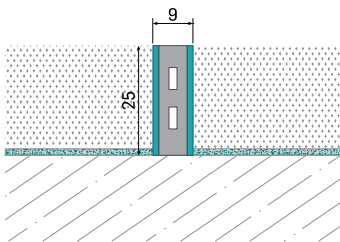
» DP 08-23



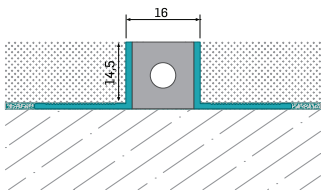
» DP 08-30



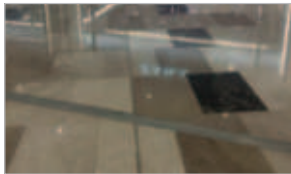
» DP 11



» DP 14-14

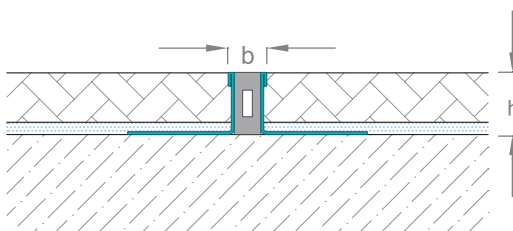
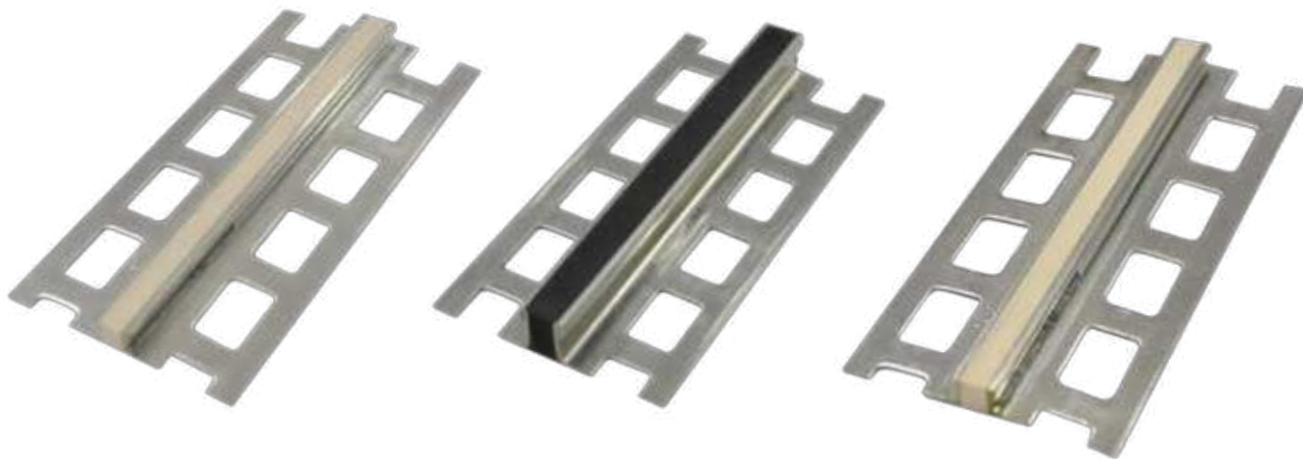


APPLICATIONS

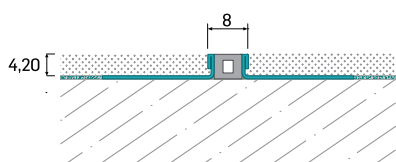


MOVEMENT
JOINT PROFILES

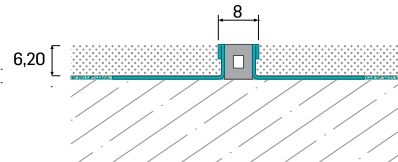
PRODUCT CODE	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	MOVEMENT CAPACITY mm
DP 08-12	9	12,5+1	+5/-3
DP 08-14	9	14,5+1	+5/-3
DP 08-16	9	16,5+1	+5/-3
DP 08-23	9	23,5+1	+5/-3
DP 08-30	9	30,5+1	+5/-3
DP 11	9	25	+5/-3
DP 14-14	16	14,5+1,5	±7



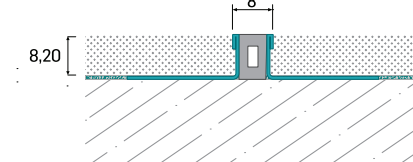
» DP 09-04



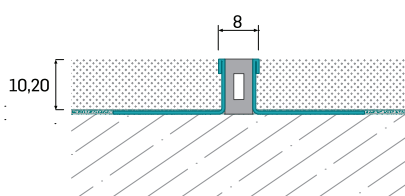
» DP 09-06



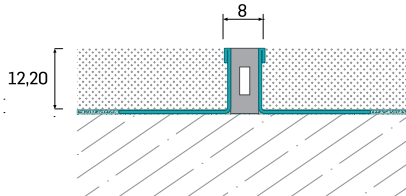
» DP 09-08



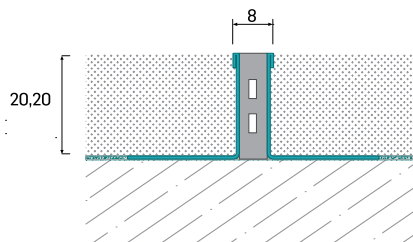
» DP 09-10



» DP 09-12

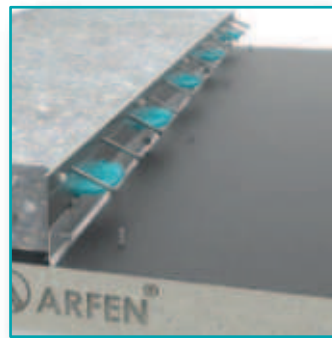
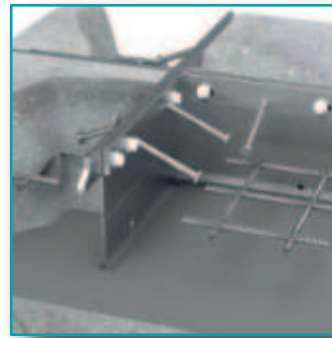
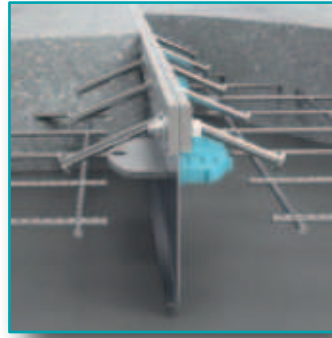
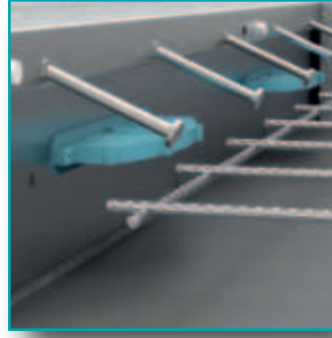
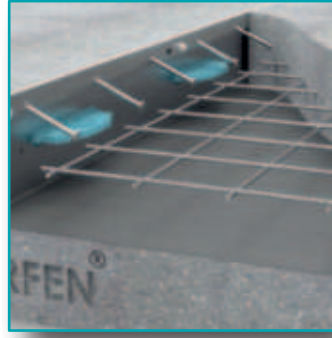


» DP 09-20



APPLICATIONS

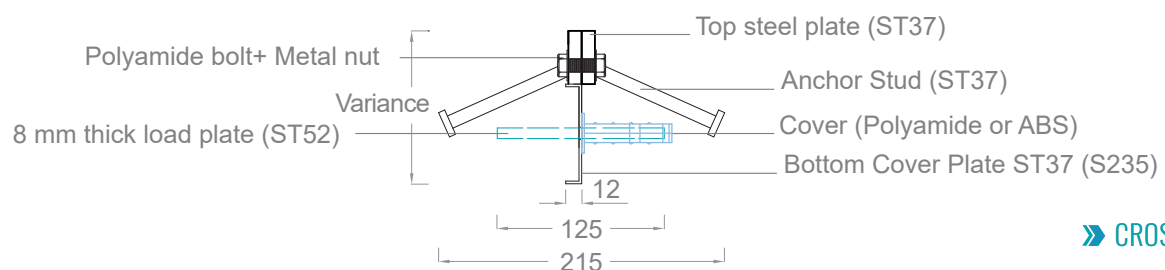
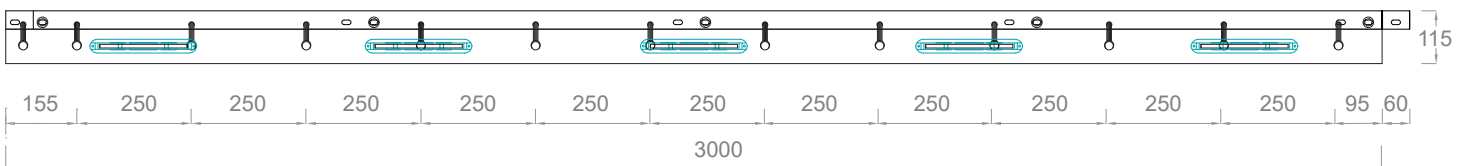
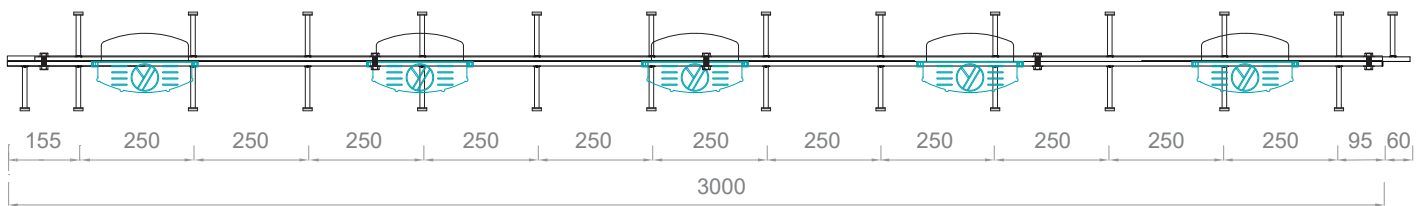
PRODUCT CODE	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	MOVEMENT CAPACITY mm
DP 09-04	8	4,20+0,8	+5/-3
DP 09-06	8	6,20+0,8	+5/-3
DP 09-08	8	8,20+0,8	+5/-3
DP 09-10	8	10,20+0,8	+5/-3
DP 09-12	8	12,20+0,8	+5/-3
DP 09-20	8	20,20+0,8	+5/-3



shrinkage and crack control joint products



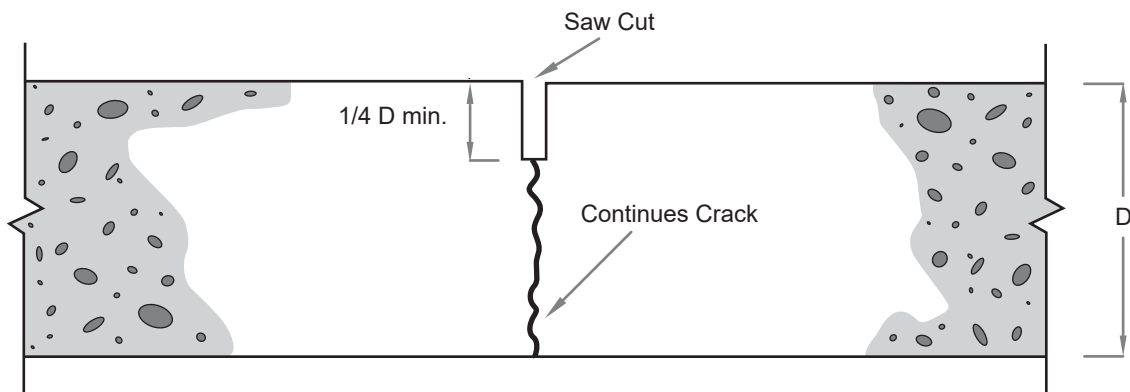
Arfen slab expansion joints are steel expansion joints that extend the service life of concrete slabs which intend to carry high loads. Slab joints can easily be applied in industrial floors to minimize uncontrolled crack formation. ARFEN's Slab Joint surfaces are produced as hot dip galvanized steel and stainless steel (SS 304 grade) as standard.



Product code	Slab Joint Length (mm)	Slab Joint Height (mm)	Recommended Deepness(mm)	Centre of the load plate (mm)
SJ 115	3000	115	115 - 140	600
SJ 140	3000	140	140 - 165	600
SJ 165	3000	165	165 - 185	600
SJ 185	3000	185	185 - 235	600
SJ 235	3000	235	235 - 285	600
SJ 285	3000	285	285 - 300	600

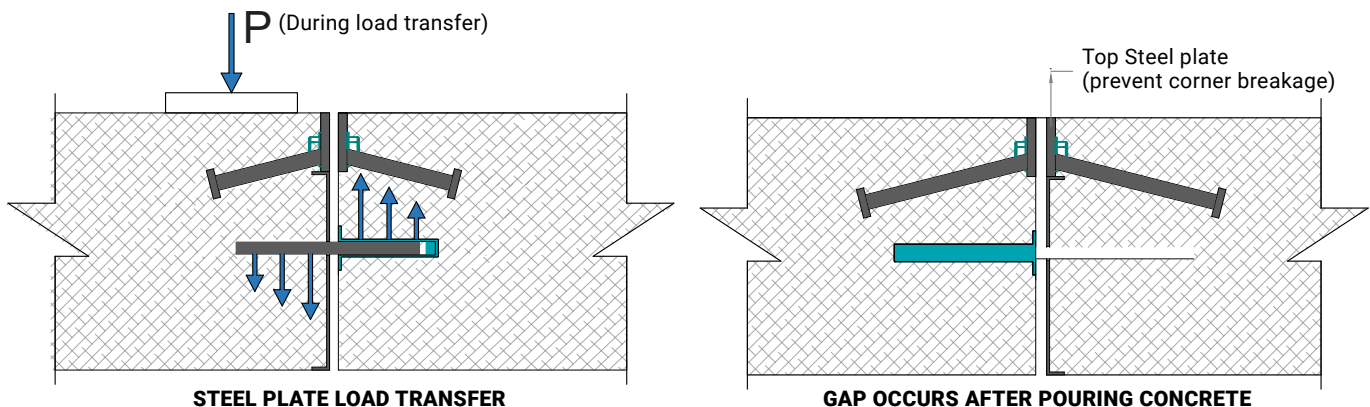


Traditionally, the slab concrete gets cut 24 hours after the concrete has been poured at widths of 24 to 30 times the thickness of the slab concrete. Internal shrinkage in the concrete starts happening after 4 to 18 hours which occurs in between the weak points of cement and aggregates



» SLAB CONCRETES BEHAVIOUR AFTER A CUT

ARFEN Slab joint provides a neat joint gap during concrete pouring. To achieve this desired line gap, weak lines are created at predetermined locations to make symmetric cracks. Furthermore, to prevent vertical movements and provide horizontal load transfer in these gaps, ST 52 is utilized by 600 mm intervals with movable 8 mm steel plates in bearings. The gap then occurs between day 1 to week 3 without requiring additional cuts or molds.



ARFEN slab joint, provides smaller gaps than traditional methods. Also provides 25 m to 30 m interval gaps instead of 5 x 5 m. This means the total quantity of gaps reduce by approximately 10 times. American Concrete Institute (ACI) recommends slab joint products instead of traditional cuts.



There are two strategies of preventing cracks on concrete surface;

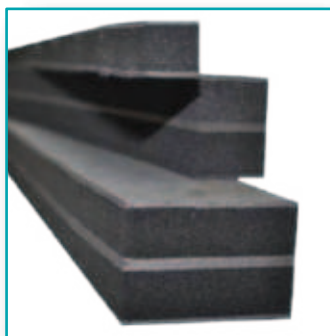
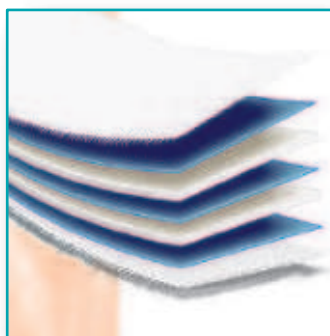
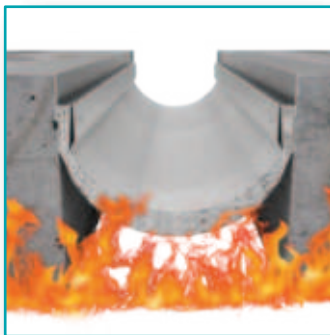
- 1- Increase steel reinforcement amount to avoid random cracks. When cracks are firmly reinforced by steel, aggregate pieces transfer the load on other side of the small cracks. So the load gets evenly distributed. However, using too much steel reinforcement in concrete slab can create unpleasant view of the steel mesh on the top surface.
- 2- The most common way is to use expansion and shrinkage control products. By this way, cracks are forced to occur in one place as a firm line thus the view on the surface looks much more decorative.



ARFEN Industrial expansion and shrinkage control products minimise the unexpected cracks and are able to carry heavy loads. Suitable for industrial slabs and concrete slabs.



Unexpected cracks are prevented with the isolation gap around the columns.



fire and water barriers

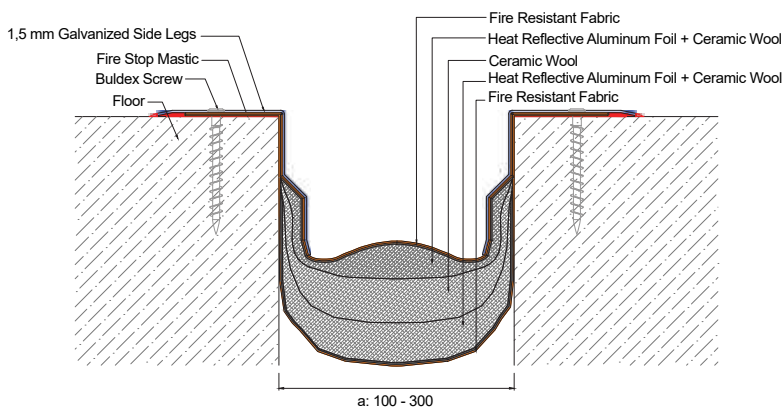


ARFEN FIRE BLANKET HORIZONTAL

Horizontal Fire Blanket is a high performance, low weight, 7 layer fiberglass fire blanket that is designed to prevent fire and smoke passage in Expansion Joint gaps and also prevents heat transfer and flame transition to cold side. Horizontal fire blanket can be applied easier and faster than traditional solutions. Horizontal fire blanket have designed and tested to resist fire longest when mounted properly. Can be used in vertical and horizontal gaps from 100 mm to 300 mm. Suitable for floor and wall applications. Application areas: Carparks, hospitals, shopping centres, schools, library and etc.

- Horizontal Fire Resistance Time : E180 (EN 1366-4:2006+A1:2010)
- Fire Resistance Classification: A1
- Product Sizes: 100- 300 MM
- Vertical Use Suitability: YES
- Horizontal Use Suitability: YES

E 180 – EI 60 – H – M50 – F- W100-300 MM



Fire Blanket Layers

Product Code	Expansion Joint Width (mm)	Min. Max. Expansion Gap (mm)	Classification
FS100-1	100	50 mm - 150 mm	E180 - EI60 - H - M50 - W100
FS150-1	150	75 mm - 225 mm	E180 - EI60 - H - M75 - W150
FS200-1	200	100 mm - 300 mm	E180 - EI60 - H - M100 - W200
FS250-1	250	125 mm - 375 mm	E180 - EI60 - H - M125 - W250
FS300-1	300	150 mm - 450 mm	E180 - EI60 - H - M150 - W300

60 MINUTES ISOLATION **180** MINUTES OF INTEGRITY

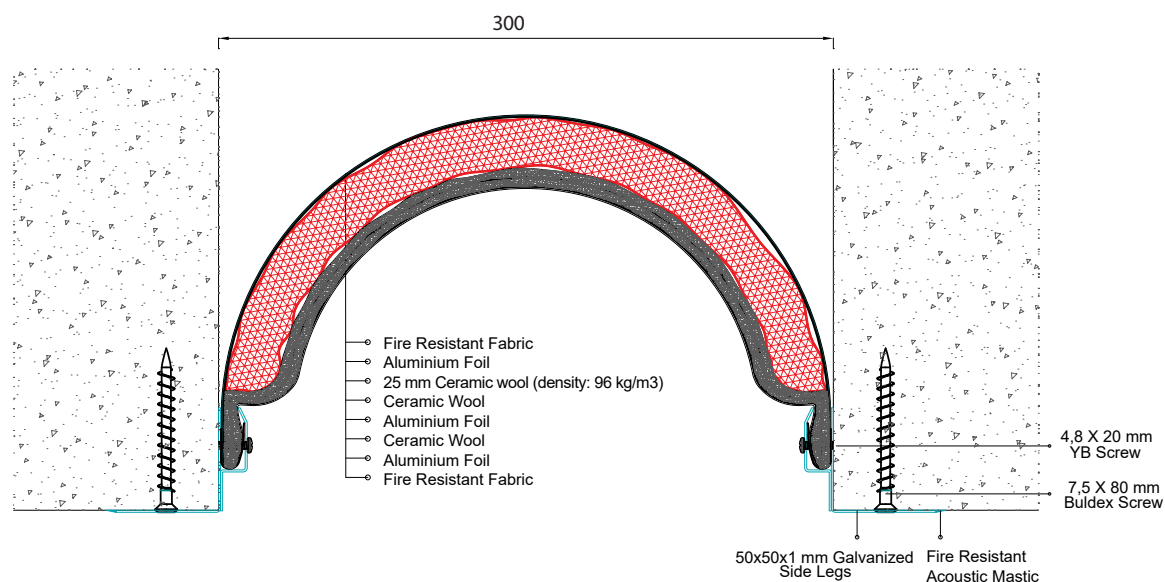
ARFEN FIRE BLANKET VERTICAL

Vertical Fire Blanket is designed as a system produced to prevent the flame, smoke and high heat transfer that will occur in the expansion joint gaps in case of fire in the building for a specified period of time. Vertical Fire Blanket is a low-weight, high performance and easy-to-apply system with its special fireproof fabric and 8 layer inner structure consisting of fiberglass material. The system is approved and certified by fire resistance performance test centers in accordance with international standards.

Suitable for wall and ceiling applications.
Application areas: Carparks, hospitals, shopping centers, schools, library and etc.

- Vertical Fire Resistance Time: E120 (EN 13501-2:2016)
- Fire Resistance Classification: EN1366-4:2006 + A1:2010
- Product Sizes: 100- 300 mm
- Vertical Use Suitability: Yes
- Horizontal Use Suitability: It can be used on the ground with rock wool + multicoated fire stopping gap filler or arfen rope.

E120 -EI 20- V- M050 - F - W 100 MM - 300 MM



Product Code	Expansion Joint Width	Min. & Max. Expansion Gap	Classification
FS100	100	50 mm - 150 mm	E120 - EI20 - V - M50 - F - W100
FS150	150	75 mm - 225 mm	E120 - EI20 - V - M75 - F - W150
FS200	200	100 mm - 300 mm	E120 - EI20 - V - M100 - F - W200
FS250	250	125 mm - 375 mm	E120 - EI20 - V - M125 - F - W250
FS300	300	150 mm - 450 mm	E120 - EI20 - V - M150 - F - W300

20 MINUTES ISOLATION **120** MINUTES OF INTEGRITY

ARFEN FIRE INSULATION ROPE

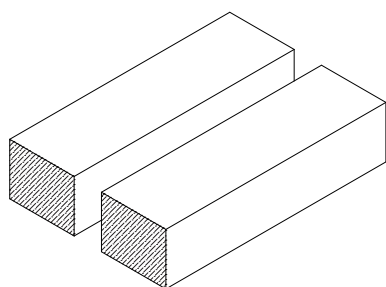
Arfen fire insulation rope can be easily applied because of type used as Glass yarn weaving on rock wool. Should be placed in the expansion joint gap by compression of at least 33%

Arfen fire insulation rope diameter to be selected according to the application area,

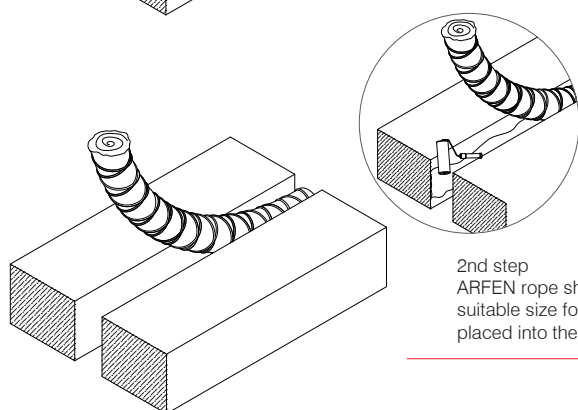
- Horizontal - Vertical Fire Resistance Time: EI240 (SIST EN 13501-2)
- Fire Resistance Classification: A1
- Product Sizes: 20 - 180 mm
- Product Density: 240 +/-20 Kg / m³
- Horizontal And Vertical Use Suitability: Yes
- ETA 17/0061

EI240 – H – X – F – W 10 MM – 150 MM

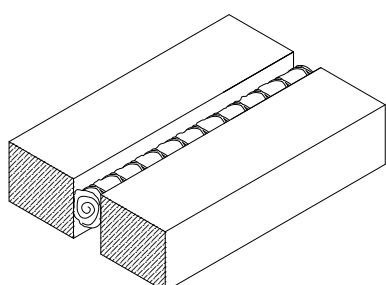
Expansion Joint Gap Dimension (mm)	<10	11-15	16-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	101-110	111-120	121-130	131-140	141-150	150
Material Diameter to be applied (mm)	20	25	30	40	50	60	70	80	90	100	120	130	140	150	160	170	180



1st step
Concrete surface area and expansion joint gap should be cleaned and prepared to be suitable for application



2nd step
ARFEN rope should be selected according to suitable size for the expansion joint gap and placed into the gap with squeeze



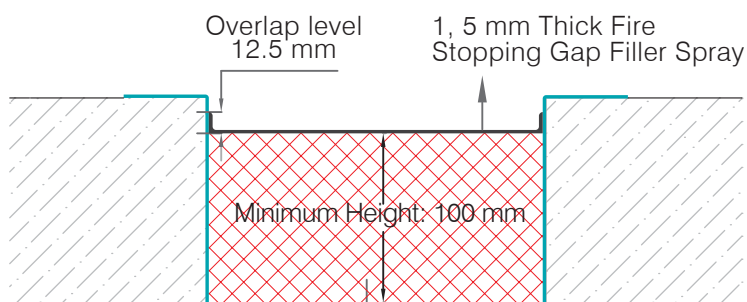
3rd step
If required, the rope can be fixed with suitable sealant or adhesive on the edge of concrete surface



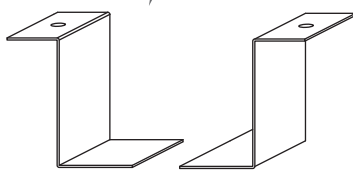
ARFEN FIRE MULTICOATED FIRE STOPPING GAP FILLER

This product is multicoated water based acrylic fire stopping gap filler. Applied on rock wool by a roll or spray internally or externally. ARFEN's fire stopping gap filler has 25% movement capacity of the gap applied in and can resist to fire up to 2 hours.

- Produced in buckets of 5 litre and 15 litre
- Density 1.35 kg/dm³
- Ideal storage temperature: 5.30 C, minimum shelf life is 1 year
- Application Temperature: 5.30 C
- Drying Time: 2-4 hours
- Recommended thickness: Wet sheet thickness 2 mm, Dry sheet thickness 1 mm.
- Usage: 1.4 Lt/m²
- Colour: White
- Waterproof. (Limited to 25% movement capacity)
- Note: Rockwool needs to be compressed 33% before fitting in to Expansion Joint Gap.

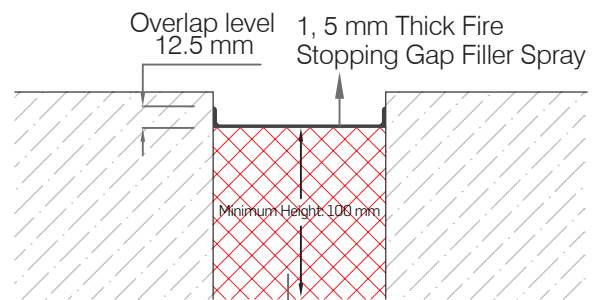


33% compressed
Rockwool density: 80kg/m³



Galvanized bracket used in wide
Expansion Joint gaps.

OPTIONAL



33% compressed
Rockwool density: 80kg/m³



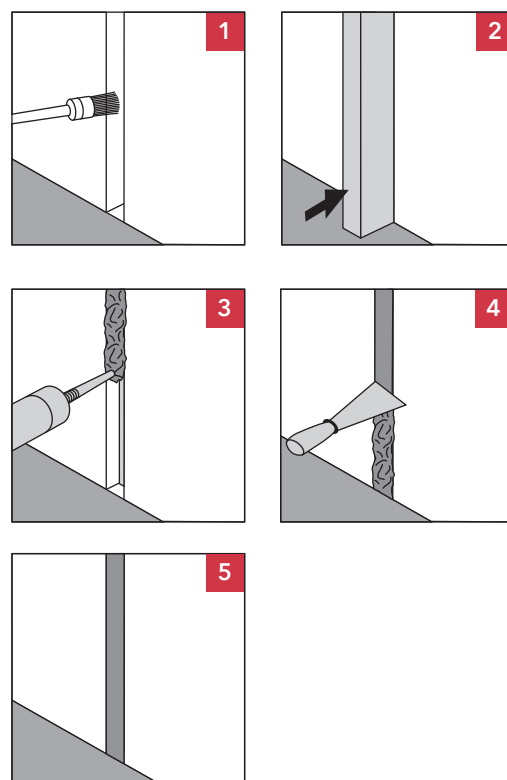
ARFEN CONSUMABLES FIRE-RESISTANT ACOUSTIC MASTIC

An acrylic based firestop sealant that provides movement capability in fire rated joints and seals through-penetrations applications

- Silicone free
- Halogen, asbestos and solvent free
- Paintable
- Tested up to %33 movement with 500 cycles in accordance to UL 2079 and ASTM 1966
- Smoke and fume resistant
- Easy clean up with water
- Single component systems available
- Meets LEED requirements for indoor environmental quality credit 4.1 Low Emitting Materials, Sealants and Adhesives and 4.2 Paints and Coatings



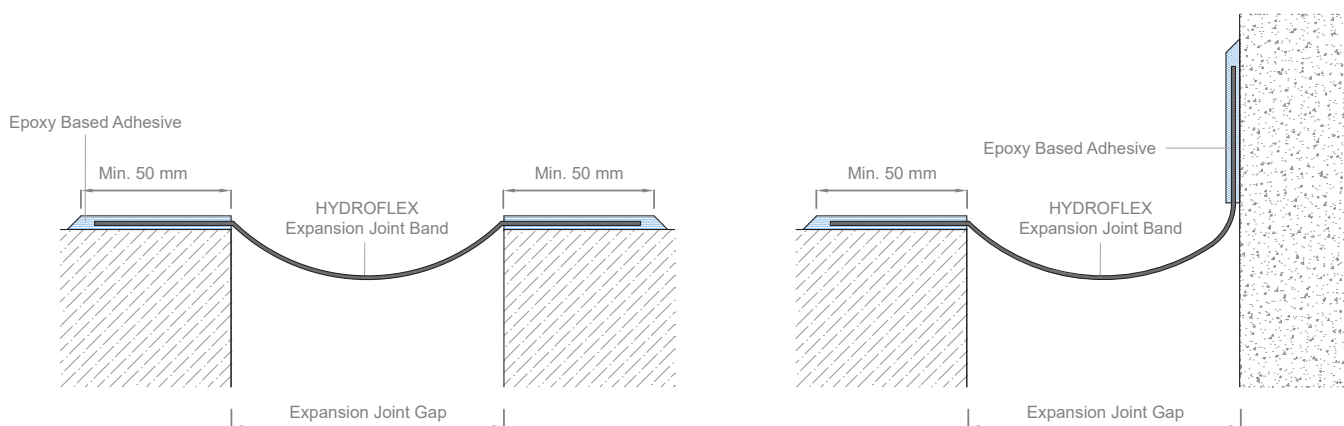
APPLICATION STEPS



Technical Data	Acoustic Mastic
Chemical basis	Acrylic based firestop sealant
Color	Available in red, white and gray
Application temperature	40°F to 104°F (5°C to 40°C)
Skin-forming time	Approx 15 min
Curing time	Approx 3 mm / 3 days
Average volume shrinkage (ASTM C1241)	22.2%
Movement capability	Approx 10%
Temperature resistance	-22 F to 176 F (-30°C to 80°C)
Surface burning characteristics (ASTM E 84-96)	Flame Spread: 10 Smoke Development: 0
Sound transmission classification (ASTM E 90-99)	56 (Relates to specific construction)



Highly elastic HYDROFLEX expansion joint tape is used for every type of buildings in isolating expansion joint gaps, thermal gaps and cracks. Alternative options are available for without holes or with holes at 150 mm, 200 mm, 250 mm, 300 mm, 400 mm width and 1 mm, 1, 5 mm thickness.



» SPECIFICATIONS AND ADVANTAGES

Easy application with epoxy adhesive.
 Highly elastic characteristic (600%).
 Strong adhesion to concrete, steel and many other building materials.
 Resistant to plant roots.
 Uv and oil resistant.
 Good performance between wide temperature values.
 Easy to cut, weld (hot air) and joint.

» HYDROFLEX USAGE AREAS

Horizontal and vertical application on all type of buildings
 Foundations and curtain walls.
 Waste water treatment plants, potable water plants, water tanks pools.
 Tunnels and concrete pipes and boxes.
 Between foundation and curtain wall connection lines.

HYDROFLEX TECHNICAL SPECIFICATIONS	
Chemical composition	TPE (Thermoplastic Elastomer)
Colour	Grey
Hardness level	80
Serving temperature value	-40 °C / +90 °C
Thermal Temperature value	270°C
Elongation at break	%600
Tear strength	> 600N/cm
Water Pressure resistant value	> 8 Bar
Tensile strength	> 6 Mpa
UV resistance value	> 7500 h
Bitumen resistance	Good
Sulfuric acid resistance	Good
Alcohol resistance	Good
Detergent resistance	Good

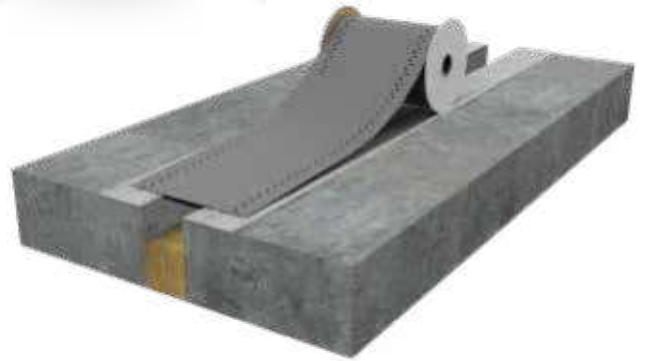
PRODUCT CODE	WIDTH	THICKNESS	LENGTH
HYDROFLEX 150	150	1 mm & 1,5 mm	25 mt / rulo
HYDROFLEX 200	200	1 mm & 1,5 mm	25 mt / rulo
HYDROFLEX 250	250	1 mm & 1,5 mm	25 mt / rulo
HYDROFLEX 300	300	1 mm & 1,5 mm	25 mt / rulo
HYDROFLEX 400	400	1 mm & 1,5 mm	25 mt / rulo

APPLICATION STEPS

1ST STEP



2ND STEP



3RD STEP



4TH STEP



» APPLICATION AREA

Bonding of expansion joint tape anchoring the rods and bars to the concrete, stone or brick.
Repair and isolating of wide cracks

» SPECIFICATION AND ADVANTAGES

Perfect adhesion to the concrete and steel. Resistant to chemicals
Solvent free, It can be applied all types of expansion joint gap,
Water and gas impermeable, Perfect adhesion to the damp surfaces on concrete,
Easy to apply, It doesn't need any primer before application.

HYDROFLEX 21 is a composition of 2 epoxy based material. Used for fixing, anchoring and sticking purposes.



TECHNICAL SPECIFICATIONS OF EPOXY BASED DILATATION ADHESIVE

Number of components	2 Components A and B
Chemical Specifications	A Component: Epoxy Resin B Component: Epoxy Hardener
Mixed Rate - Weight A/B	3,75 kg / 1,25 kg
Mixed Density	1,7 kg / lt
Fully Cured	Pedestrian usage 24 hours Fully Cured and Open Service : 7 days
Pot Life	40 dk (20 C)
Curing Time	Recoat after : 8-10 hours Fully Cured : 7 days

ARFEN CHAMFER & CRACK TAPE

HYDROFLEX 120 is used for isolation of critical point on wet area corners and isolating required areas. HYDROFLEX 120 is suitable with many kind of materials.

- ✓ It doesn't need any extra adhesive usage as it is compatible with any kind of isolation materials
- ✓ Easy installation
- ✓ High elasticity capacity
- ✓ %100 water proof
- ✓ Resistant to many kind or chemicals
- ✓ Good resistant to Ozone and UV
- ✓ High performance for wide temperature range (-40 ,+90 °C).

Note: Our new felt version band is also available under HYDROFLEX 121 product code.

SODIUM BENTONITE & ACRYLIC BASED SWELLING WATERSTOP

ARFEN's water swelling band designed to fill gaps or crack in concrete by swelling in contact with water.

- ✓ Easy to apply.
- ✓ Easy application even with huge amount of rebar.
- ✓ Placing in right position and pressing are only the steps for mounting to connection areas.
- ✓ Safely swelling feature does not allow it to get swollen in pouring concrete cases.
- ✓ Can be used in drinking water as it doesn't get mixed with water.
- ✓ Can be used in Swimming pools, tunnels, subways, retaining walls, curtain walls.
- ✓ Can be used in Water tanks, sewage systems, and water purification facilities.
- ✓ Concrete joints, dams, road and intersections of old and new concretes.

POLYURETHANE & POLYMER SEALANTS

HYDROFLEX 40 FC is a one-component, high-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to sheet iron, aluminum, stainless steel, lead, copper, ceramic, wood etc. 40 Shore / 600 ml Sausage

HYDROFLEX 40 MS is a universal grade, general purpose all-weather adhesive sealant based on AST polymer. Combines the properties of both silicone and the polyurethane that makes it an optimum choice for a variety of substrates including: Aluminum, Granite, Ceramics, Marble, Porcelain, Metals, PVC, Glass, Wood, Porous Surfaces (Concrete, Brick, Limestone, etc.). 40 Shore / 600 ml Sausage

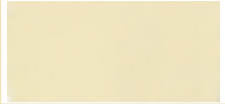



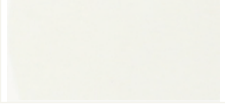









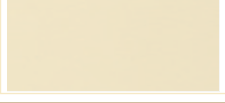













- ✓ Fast Curing
- ✓ Durable adhesion
- ✓ Non-sticky / does not pick up dirt
- ✓ No change in volume


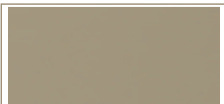

















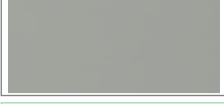


















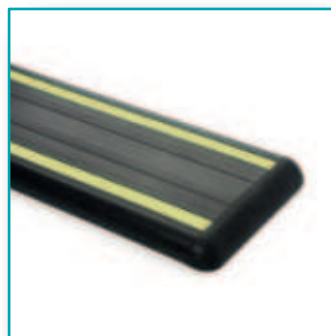
Note: Printed out colours selections do not representative the original texture. Please request a PVC colour chart for our original texture.



ARFEN's Wall Protection selections are colourful. Our widespread colour solutions serve further than our clients expectations.

	23-Ivory Cream	
	21-Off-White	
	20-White	
	53-Rose Buff	
	52-Coral	
	51-Mandarin	
	50-Mustard	
	24-Wheat	
	28-Light Brown	
	55-Pink	
	29-Beige	
	25-Sand Beige	
	27-Dark Brown	
	31-Brown	

	26-Cappuccino	
	54-Bronze	
	80-Ice Blue	
	40-Polished Grey	
	85-Dark Blue	
	83-Blue	
	82-Lilac	
	81-Light Blue	
	42-Dark Grey	
	41-Light Grey	
	70-Light Green	
	74-Pistachio Green	
	75-Dark Green	
	71-Light Turquoise	
	72-Dark Turquoise	
	58-Red	
	59-Bordeaux	
	30-Cinnamon	

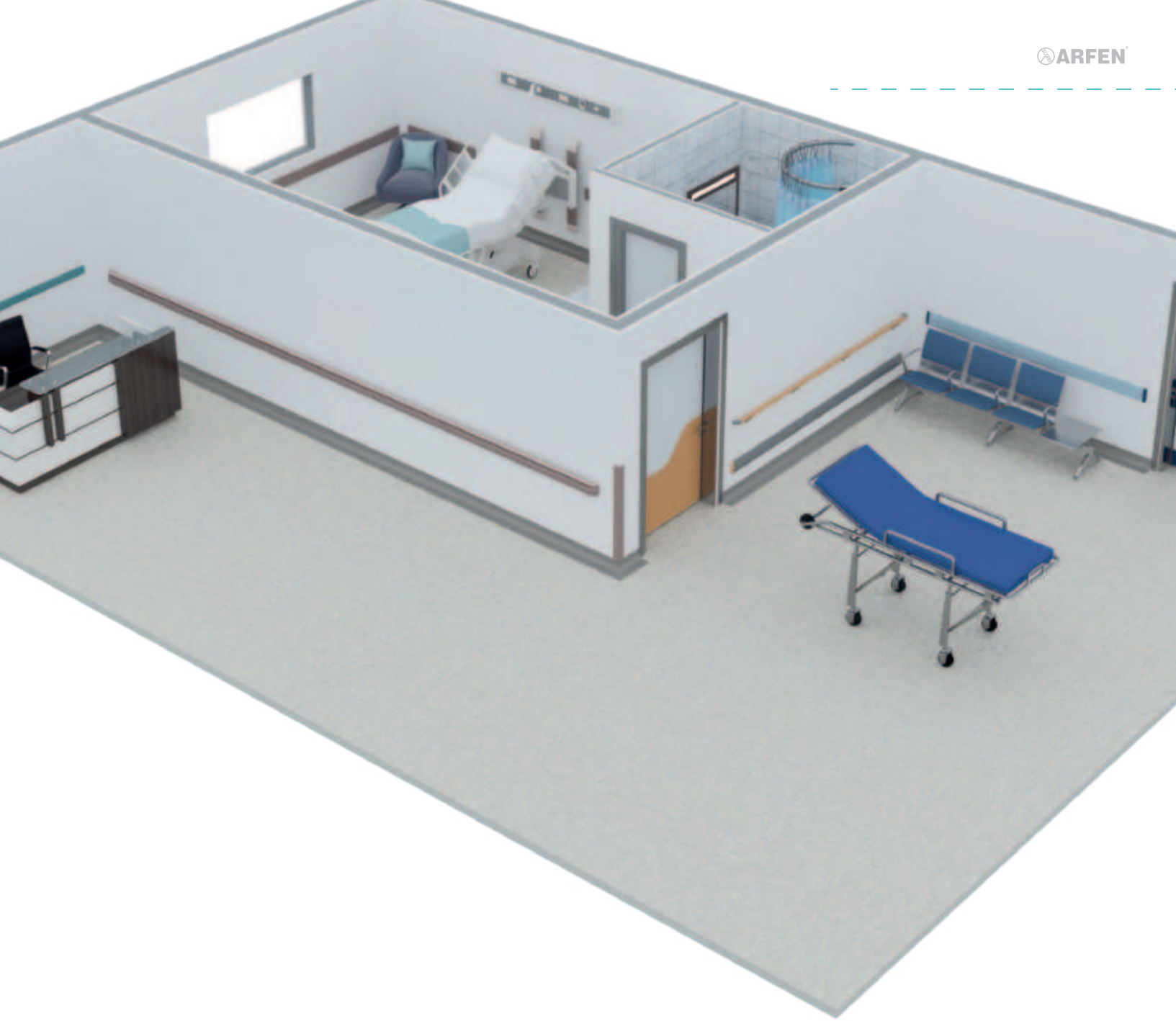


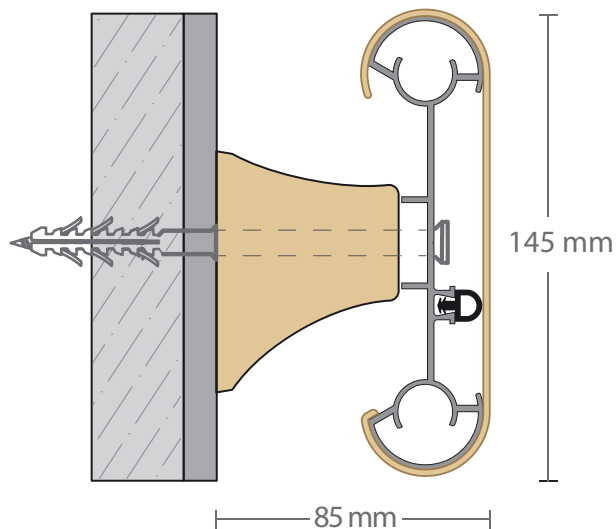
wall and corner protection systems



ADVANTAGES

- ✓ All of our products are CE certificated and they have 9001-2008 quality standards.
- ✓ Our products have VOC test report which shows that none of them includes no persistent gas harmful to human health.
- ✓ Our materials do not include heavy metals, therefore, they are not hazardous on human health and all are ROHS certificated.
- ✓ Our products are antibacterial therefore they have TÜBİTAK approved antibacterial report.
- ✓ Test of impact strength exists and our products have the property of B1 class fire-proofing.
- ✓ The impact strength is reported and approved by YILDIZ TECHNICAL UNIVERSITY with the highest specified value.
- ✓ Precautions taken against the environmental impacts are sufficient and ÇED certificated.
- ✓ Finish and accessories are made from polyamide 6. Compare with 'ABS' raw material; it is 4-5 times more stronger and it is not fragile like ABS.
- ✓ Shock absorber TPE insert, resistant to all weather conditions and TSE certificated.
- ✓ All raw materials (plastic and aluminium) which are used in our products are recyclable.





WG145

HANDRAIL WALL PROTECTION



WG145 wall protection band has 145 mm width, 85 mm depth with a hand grip structure, mounted on the wall with a continuous rear aluminum profile. It absorbs the impacts with the help of the bottom gasket. It is decorated with its scratch-proof top vinyl cover. It also create a perfect system due to the end caps that match with the vinyl top cover. It is connected to different walls with different fixing accessories by means of the wall brackets (WG005) with an interval of 60-75 cm. Profile lengths are 4 meters and are produced in 32 different colors.



WG 005
BRACKET



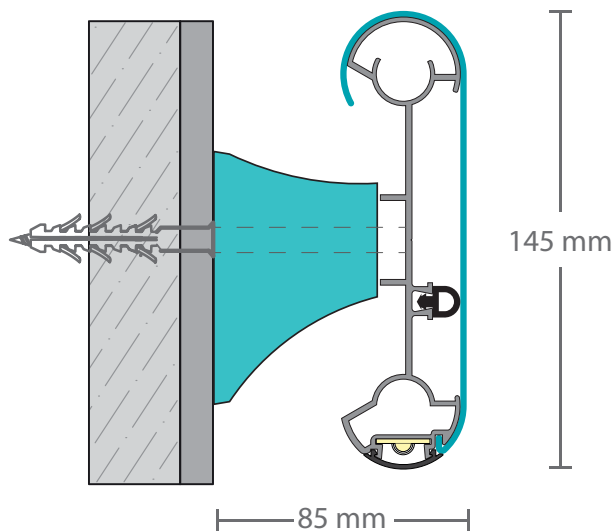
WG006
LEFT AND RIGHT END



WG007-1
INTERNAL CORNER

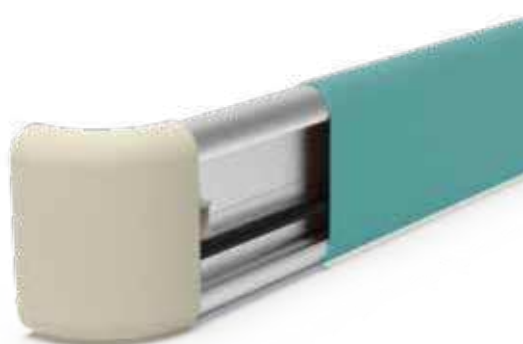
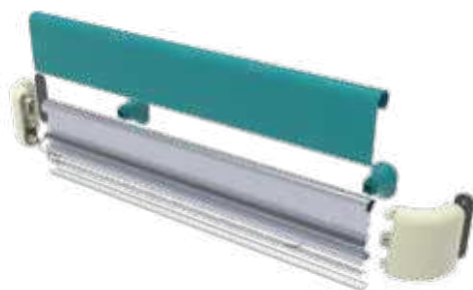


WG007-2
EXTERNAL CORNER



WG145-1

WALL PROTECTION HANDRAIL WITH LED



WG145-1 is LED illuminated handrail and wall protection with a width of 145 mm and a depth of 85 mm, mounted on the wall with a continuous aluminum profile. It absorbs the impacts due to the bottom rubber wicks. It is decorated with its scratch-proof top vinyl cover. It also create a perfect system with the end caps that look the same as the vinyl top cover. It is connected to different walls with different fixing accessories by means of the wall bracket (WG005) with an interval of 60-75 cm. Profile lengths are 4 meters and are produced in 32 different colors.



WG 005
BRACKET



WG006
LEFT AND RIGHT END



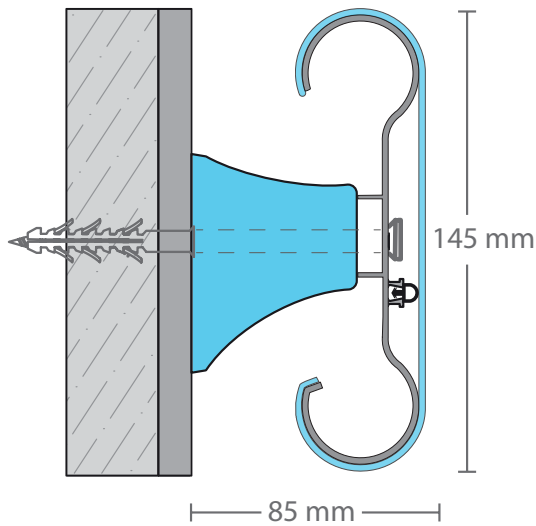
WG007-1
INTERNAL CORNER



WG007-2
EXTERNAL CORNER

WG145-2

HANDRAIL WALL PROTECTION SYSTEM



WG145-2 is a handrail and wall protection with a width of 145 mm and a depth of 85 mm, mounted on the wall with a continuous aluminum profile. It absorbs the impacts due to the bottom rubber wicks. It is decorated with its scratch-proof top vinyl cover. It creates a perfect system with the end caps that look the same as the vinyl top cover. It is also connected to different walls with different fixing accessories by means of the wall bracket (WG005) with an interval of 60-75 cm. Profile lengths are 4 meters and are produced in 32 different colors.



WG 005
BRACKET



WG006
LEFT AND RIGHT END



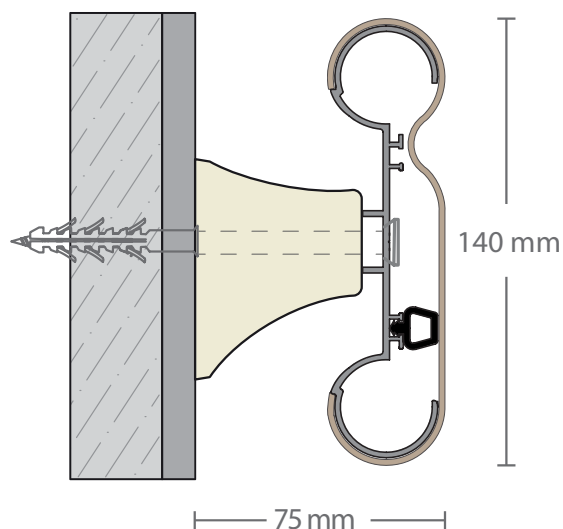
WG007-1
INTERNAL CORNER



WG007-2
EXTERNAL CORNER

DC140

HANDRAIL WALL PROTECTION



DC140 is a handrail and wall protection with a width of 140 mm and a depth of 75 mm, mounted on the wall with a continuous aluminum profile. It absorbs the impacts due to the bottom rubber wicks. It is decorated with its scratch-proof top vinyl cover. It creates a perfect system with the end caps that look the same as the vinyl top cover. It is also connected to different walls with different fixing accessories by means of the wall bracket (DC005) with an interval of 60-75 cm. Profile lengths are 4 meters and are produced in 32 different colors.



DC005 BRACKET



DC006-1 LEFT END



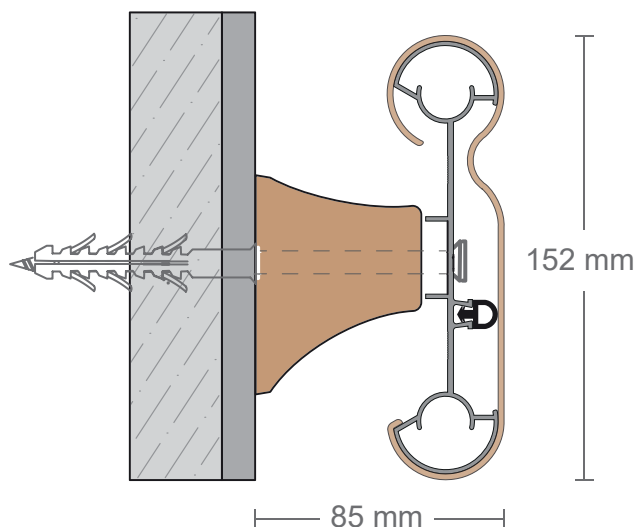
DC006-2 RIGHT END



DC007-1
INTERNAL CORNER

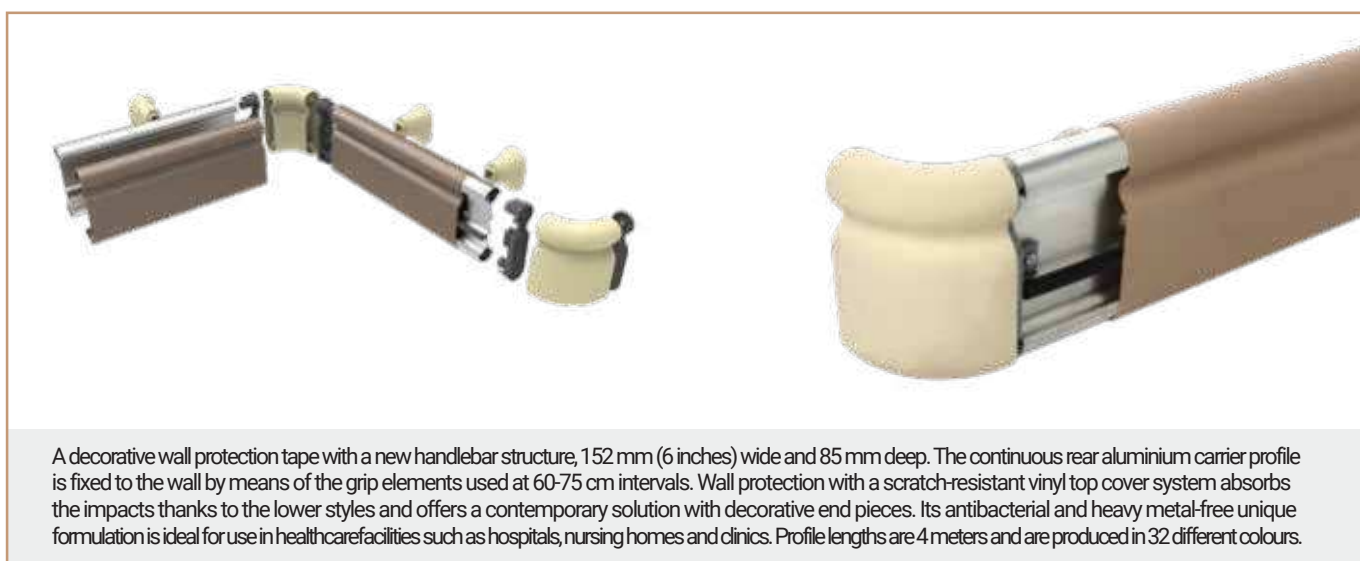


DC007-2
EXTERNAL CORNER



WG152

HANDRAIL WALL PROTECTION



WG005 BRACKET



WG026 LEFT END



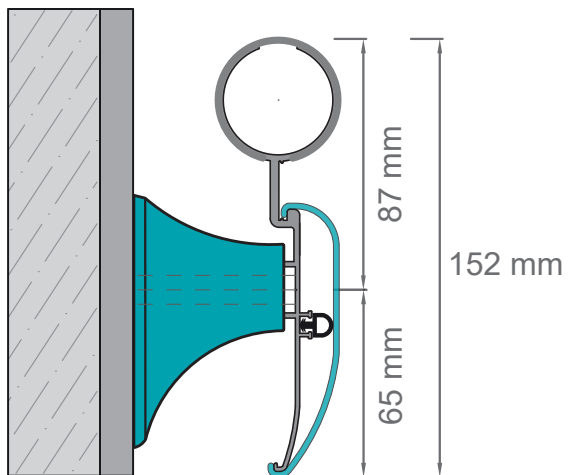
WG027 RIGHT END



WG028
OUTER CORNER

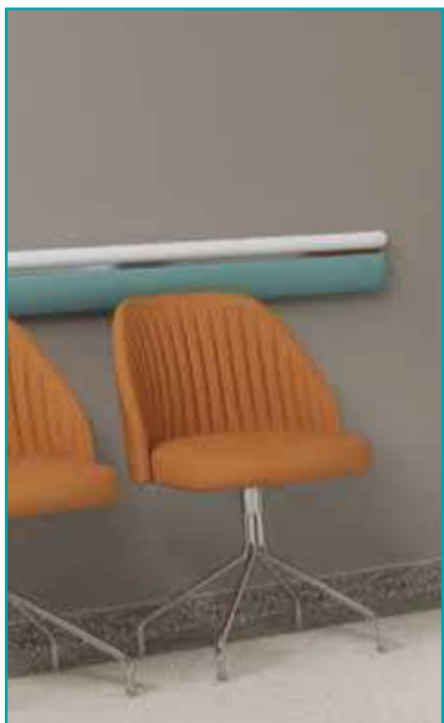


WG029
INSIDE CORNER



WG152-1

WALL PROTECTION WITH COMBO RAIL HANDLE



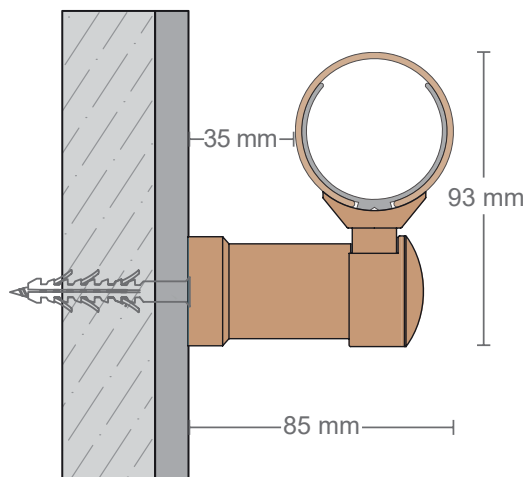
WG044 LEFT END



WG045 RIGHT END



DC 005 BRACKET



WG50

HANDRAIL SYSTEM



WG010 BRACKET



WG011
HANDRAIL ELBOW



WG017
HANDRAIL RING



WG018
HANDRAIL PLUG



WG50

HANDRAIL SYSTEM

WG010 BRACKET



WG010-1 STAINLESS BRACKET



WG011 HANDRAIL ELBOW



WG11-2 WG50 HANDRAIL
INSIDE AND OUTER CORNER.



WG017 HANDRAIL RING



WG018 HANDRAIL PLUG



WGP18 18'LİK HORIZONTAL
CONNECTION PROFILE



WG019 40
SHAFT HEAD SPRING.



WG021 18"
OUTER PIPE SUPPORT



WG021-2 18"
INNER PIPE SUPPORT



WG50 50 mm
HANDRAIL PIPE



WG024 WG50 MIRROR



WG025 40
STRUT MIRROR



WG040 40'LİK
STITCH PROFILE



WG041 WG40
STRUT COVER

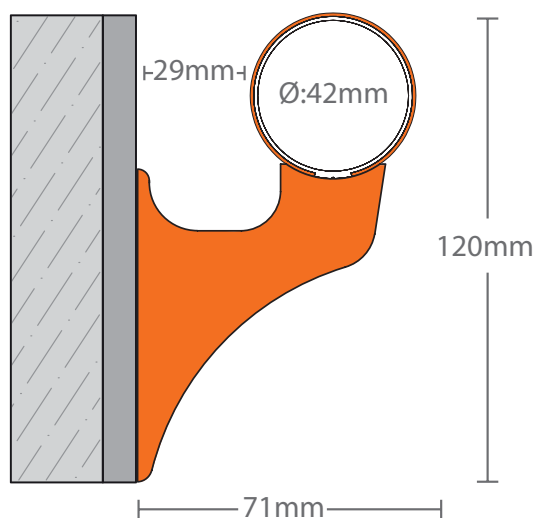


WG022 18"
PIPE PLUG



The WG50 Railing System is a patented railing system that offers colour alternatives that no other system provides for both stairwells and gallery spaces in turn structures. Due to its structural compatibility with other systems, it offers various usage options by using some accessories of stainless or aluminium. It is resistant to scratches and impacts with its internal aluminium carriers and vinyl cover. Profile lengths are 4 meters and they are produced in 32 different colours.





WG42-1

VINYL HANDRAIL SYSTEM



WG031 BRACKET



WG032
HANDRAIL ELBOW



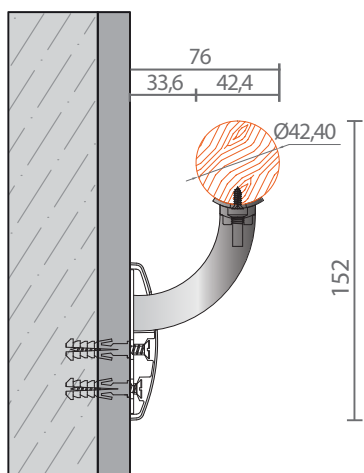
WG080 ELBOW
COLLAR / OPTIONAL



WG083
INNER OUTER CORNER



It is used in hospital corridors and common areas, and in stairwells, for holding purposes. It is economical due to the polyamide handle part. Profile lengths are 4 meters and they are produced in 32 different colours.



WG42-2

WOODEN HANDRAIL SYSTEM



WG039
STAINLESS BRACKET



WG073
ELBOW ADAPTER



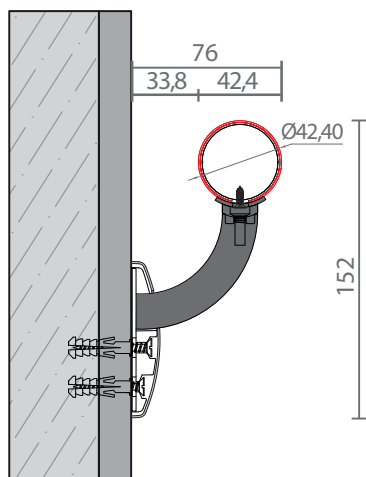
WG081 HANDRAIL
JOINT PART



WG082 SELF RING ELBOW
INNER OUTER CORNER



WG 42-2 is used for holding in hospital corridors and common areas, stairwells. What makes the WG 42-2 handrail system different is that the main body is wooden and the turn fittings are stainless. Profile length: 3 meters.



WG42-3

STAINLESS & VINYL HANDRAIL SYSTEM



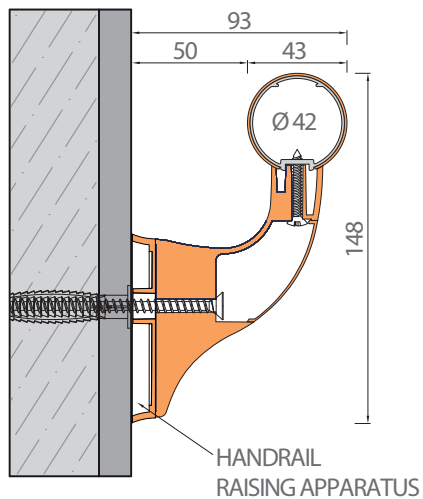
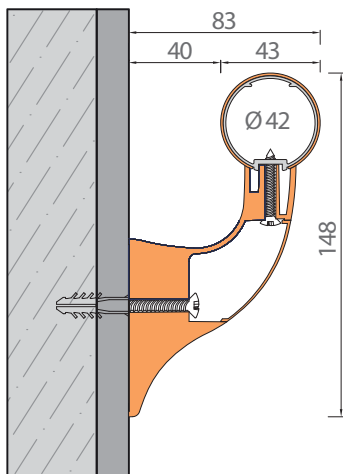
WG42-3 It is used in hospital corridors and common areas, and in stairwells, for holding purposes. In addition, it can be used as a handrail system in buildings such as schools, hotels, shopping centres, business centres and residences due to its colour alternatives, warm decorative texture and finishing parts that are not available in any other handrail system. What makes the WG 42-3 handrail system different is that it provides an aesthetic appearance to the walls thanks to the fact that the turn connection parts are stainless. Profile lengths are 4 meters and they are produced in 32 different colours.



WG039
STAINLESS BRACKET



WG068 SELF BRACELET
RIGHT LEFT END ELBOW



WG42-4

VINYL HANDRAIL SYSTEM



WG42-4 is used in hospital corridors and common areas, and in stairwells for holding purposes. It is a handrail system fixed 40mm away from the wall according to international standards. It is easy to assemble and it has a decorative and aesthetic look due to its plastic bracket. The profile lengths are 4 meters and they are produced in 32 different colours. It can be applied at a distance of 50 mm from the wall using the WG065 and WG066 apparatus.



WG062
HANDRAIL BRACKET



WG063
HANDRAIL ELBOW



WG065 HANDRAIL
RAISING APPARATUS



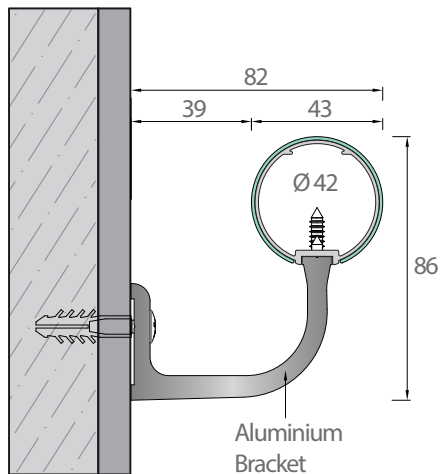
WG066 ELBOW
RAISING APPARATUS



WG074
INNER OUTER CORNER



WG080 ELBOW
COLLAR / OPTIONAL



WG42-5

HANDRAIL SYSTEM



WG 42-5 is used for holding purposes in hospitals, offices and public buildings, corridors and stairwells. It is easy to assemble and also decorative due to its aluminium handle. Profile lengths are 4 meters and they are produced in 32 different colours.



WG063
HANDRAIL ELBOW



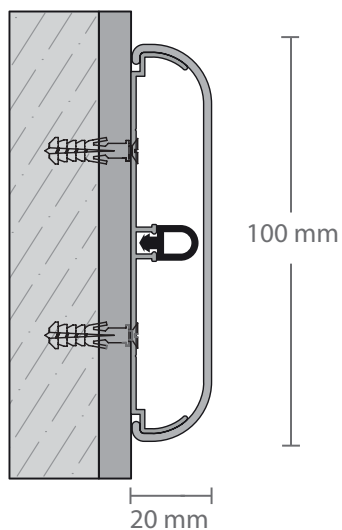
WG064 ALUMINIUM
HANDRAIL BRACKET



WG074
INNER OUTER CORNER



WG080 ELBOW
COLLAR / OPTIONAL



WG100

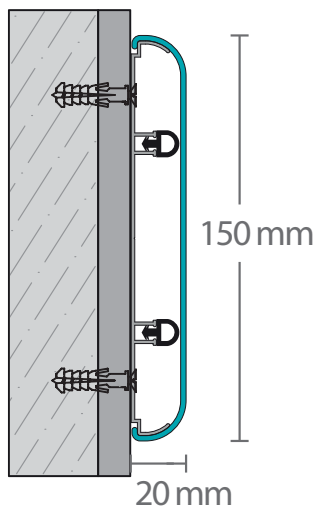
WALL PROTECTION CRASH RAIL



WG 100 is a wall protection tape that is mounted on the wall with a continuous aluminium profile with a width of 100 mm and a depth of 20 mm. It absorbs the impacts thanks to the bottom wick and is widely used as a chair back due to its narrow structure. It is especially common in doctor's rooms, waiting areas and classrooms. Produced in 32 different colours, the permit is applied in harmony with other building materials. Profile lengths are produced in 4 meters.



WG020
RIGHT AND LEFT END



WG150

WALL PROTECTION CRASH RAIL

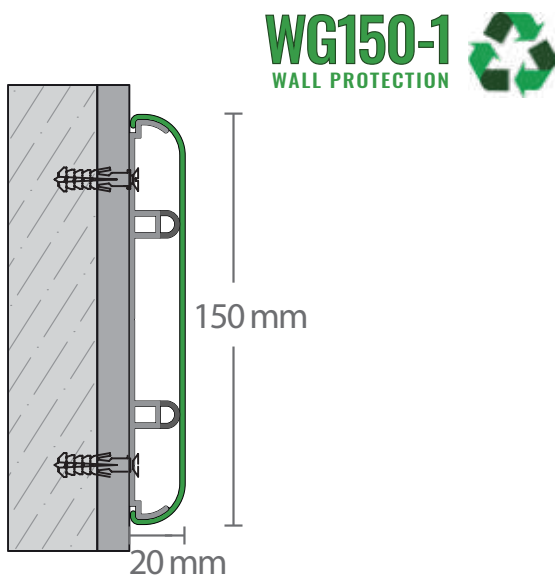


WG013
RIGHT AND LEFT END

WG014
OUTER CORNER

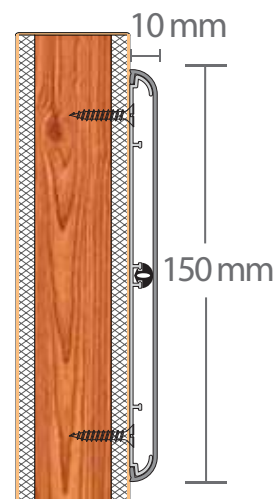


WG 150 is a wall protection tape that is mounted on the wall with a continuous aluminium profile with a width of 100 mm and a depth of 20 mm. It absorbs the impacts thanks to the bottom wick. They are used to protect the walls against impacts in areas where the use of wall protection tapes with hand grips is not appropriate, especially in corridors narrower than 2 meters. Profile lengths are produced in 4 meters.



WG150-2

DOOR KICK PLATE



WG013-1
RIGHT AND LEFT END

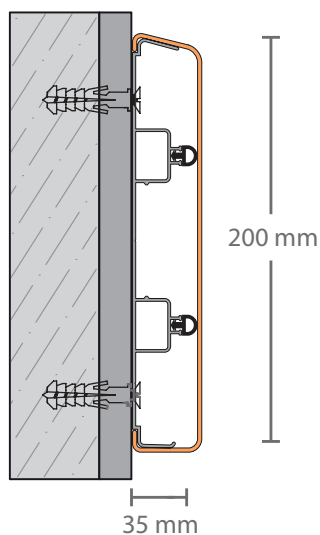


Retainer is made of totally recycled PVC. That's why it is more environmentalist and economic than aluminium retainer and plastic cover.

WG036
RIGHT AND LEFT END



It is a door plinth band that is mounted on the lower part of the doors with a profile on aluminium with a width of 150 mm and a depth of 10 mm. Profile lengths of 4 meters are produced.



WG200

WALL PROTECTION CRASH RAIL



WG200 is a wall protection tape with a width of 200 mm and a depth of 35 mm, which is mounted on the wall with a continuous rear aluminium profile. It absorbs the impacts thanks to the gaskets. Thanks to its 35 mm depth and lift shock absorber wick, it is used especially for heavy-duty corridors for protection against impacts. Profile lengths are 4 meters and are produced in 32 different colours.



WG001
LEFT END



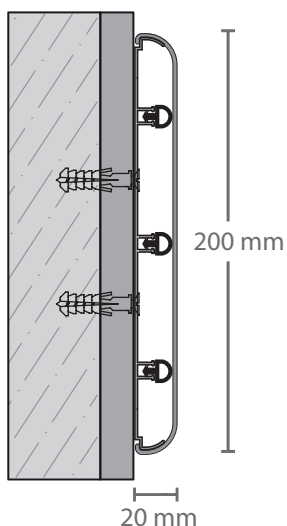
WG002
RIGHT END



WG003
OUTER CORNER



WG004
INNER CORNER



WG201

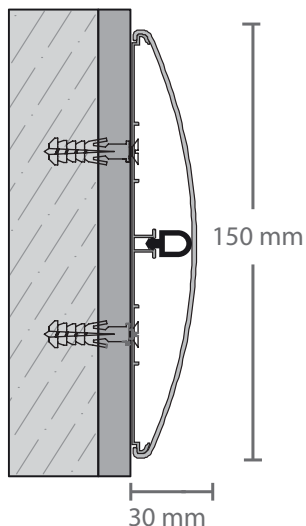
WALL PROTECTION CRASH RAIL



WG 201 is a wall protection tape with a width of 200 mm and a depth of 20 mm, which is mounted to the wall with a continuous rear aluminium profile. It absorbs the impacts thanks to the gaskets. It provides a wide protection area in corridors narrower than 2 meters thanks to its 200 mm top width. For this reason, they are highly preferred in hospital corridors that are in intensive use. Profile lengths are 4 meters and are produced in 32 different colours.



WG030
LEFT AND RIGHT END



DC150

WALL PROTECTION CRASH RAIL



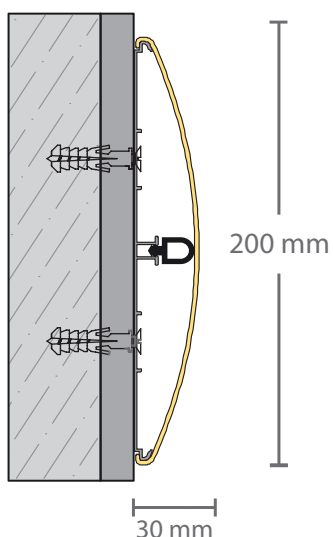
DC013
RIGHT LEFT END CAP



DC014
EXTERNAL CORNER



DC 150 is a wall protection tape that is mounted on the wall with a continuous aluminium profile with a width of 150 mm and a depth of 30 mm. It absorbs the impacts due to the gasket. Its curved top surface is preferred in many projects. Produced in 32 different colours, the permit is applied in harmony with other building materials. Profile lengths are produced in 4 meters.



DC200

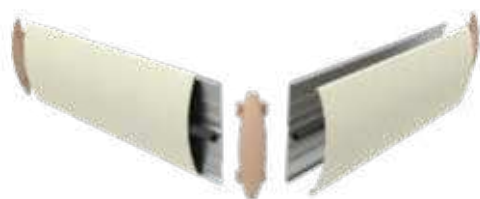
WALL PROTECTION CRASH RAIL



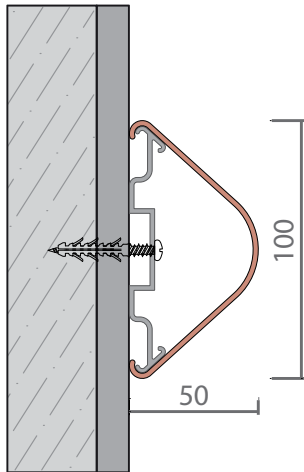
DC001
RIGHT LEFT END CAP



DC003
EXTERNAL CORNER



DC 200- It is a wall protection tape that is mounted on the wall with a continuous aluminum profile with a width of 200 mm and a depth of 30 mm. It absorbs the impacts due to the gasket. It is decorative with its scratch-proof top vinyl cover. With the end pieces, that look the same as the vinyl top cover, a decorative finish is provided. It is manufactured in 32 different colors and provides a harmonious appearance with other building materials. Profile length is manufactured as 4 meters.



WG100-1

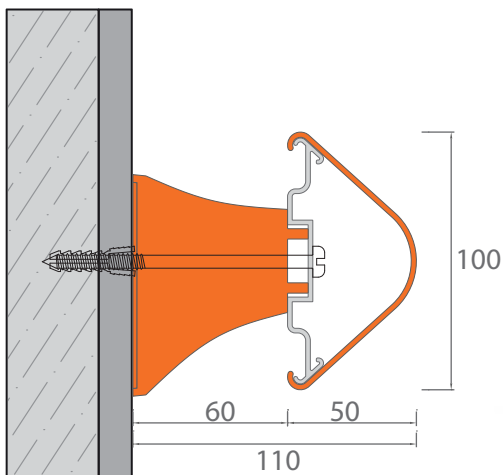
BEDHEAD PROTECTOR



WG060 RIGHT AND
LEFT END CAP



WG100-1 is a Bedhead Protector system that can be used in all kinds of buildings such as hospitals. This system can be produced in standard and non-standard lengths and also consists of aluminum and PVC cover. Hospital bedhead protectors provide simple, effective protection that keeps walls in perfect condition, reducing ongoing maintenance requirements and associated costs. It is manufactured in 32 different colors and provides a harmonious appearance with other building materials. Profile lengths are manufactured as 4 meters.



WG100-1

BEDHEAD PROTECTOR WITH BRACKET



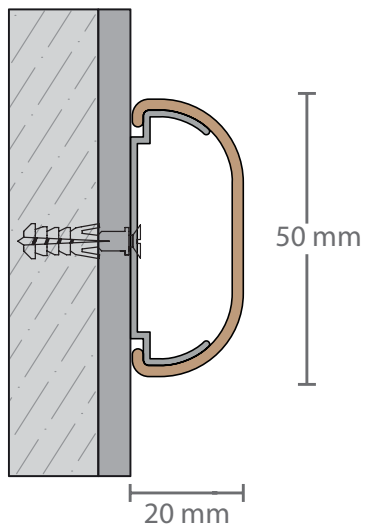
WG005
HANDRAIL BRACKET



WG060
RIGHT LEFT END CAP



WG100-1 is a Bed Head Protector system that can be used in all kinds of buildings such as hospitals. This system can be produced in standard and non-standard lengths and also consists of aluminum and PVC cover. Hospital bedhead protectors provide simple, effective protection that keeps your walls in perfect condition, reducing ongoing maintenance requirements and associated costs. It is manufactured in 32 different colors and provides a harmonious appearance with other building materials. Profile lengths are manufactured as 4 meters.



CR50

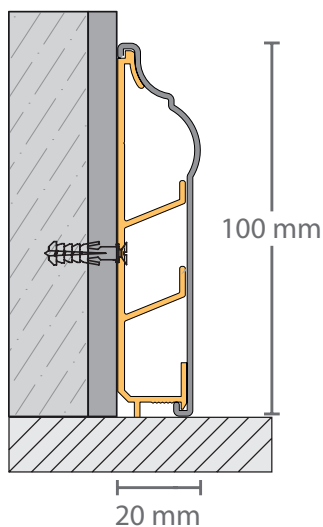
CHAIR RAIL



CR 50 is a chair's back wall protection tape that is mounted to the wall with a continuous aluminum profile with a width of 50 mm and a depth of 20 mm. It is decorative with its scratch-proof top vinyl cover. A decorative finish is provided due to the end pieces that look the same as the vinyl top cover. It is manufactured in 32 different colors and provides a harmonious appearance with other building materials. Profile lengths are manufactured as 4 meters.



WG016
RIGHT LEFT END CAP



DC100-1

DECORATIVE PVC SKIRTING WITH CABLE DUCT



DC019
RIGHT END CAP

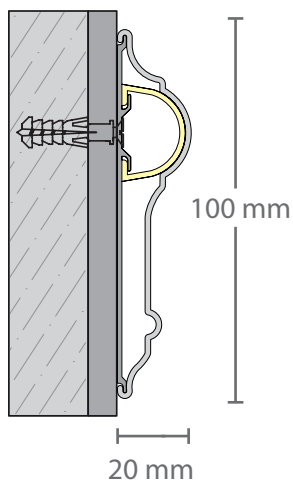
DC020
LEFT END CAP

DC021
EXTERNAL CORNER

DC022
INTERNAL CORNER



Patterned decorative PVC skirting with cable channels. The profile has right-left end elements, external and internal corner pieces. If requested, it is priced as a piece. Profile lengths are 4 meters and are manufactured in 32 different colors.



DC100

DECORATIF WALL PROTECTION TAPE



DC015
RIGHT END CAP

DC016
LEFT END CAP

DC017
EXTERNAL CORNER

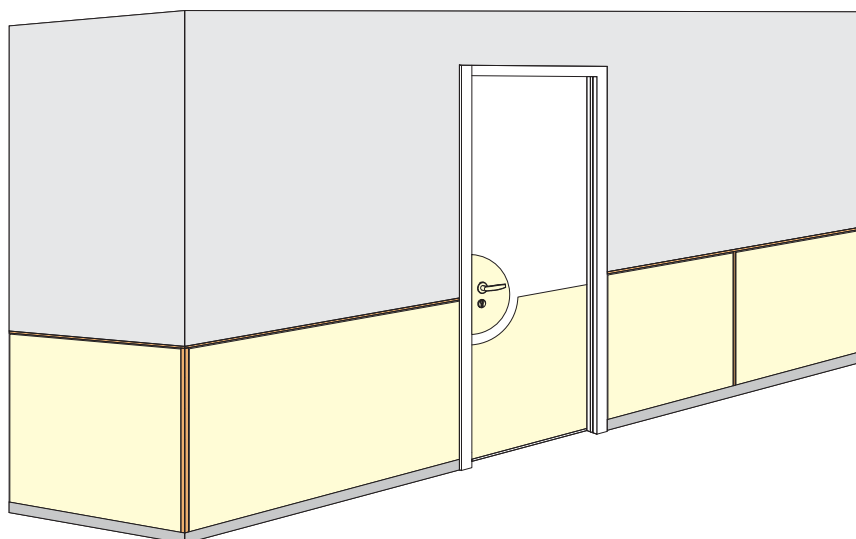
DC018
INTERNAL CORNER



DC100 is a vinyl wall protection tape system on aluminum that is mostly used for decorative purposes in hotel and residence projects. It is decorative with its scratch-proof top vinyl cover. Profile lengths are 4 meters and manufactured in 32 different colors.

WG1004

ARFEN VINYL PLATES

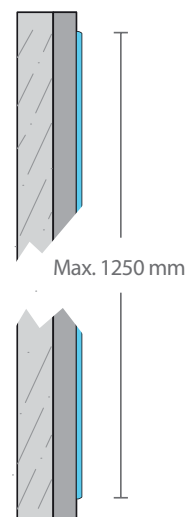


VINYL PLATE DIMENSIONS

Width	Height	t1(mm)	t2(mm)	t3(mm)
1000	2000	1	1,5	2
1000	3000	1	1,5	2
1200	2400	1	1,5	2
1200	3000	1	1,5	2
1250	2500	1	1,5	2
1250	3000	1	1,5	2

Unless otherwise stated, our standard production is 1000x3000x1,5 mm

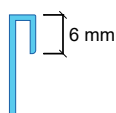
According to the calculations, in case of repairing the paint every 2 years
vinyl plate system pays for it self in 4 years



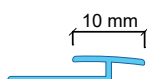
WG 1004 vinyl sheet is produced in 1 mm, 1.5 mm and 2 mm thicknesses and in 1000 mm, 1200 mm, 1250 mm widths and various lengths. They are decorative sheets that are adhered to the walls with special adhesives and protect your walls from scratches. Easily cleanable and washable thanks to its structure, it meets the needs of a wide area from hospitals to production areas. As it is produced in different colors, the vinyl plates are suitable with the other construction materials. 1.5 mm is produced as standard. Others can be produced according to order quantity.



OPTIONAL ACCESSORIES



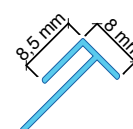
UPPER COVER WG1004-1



CONNECTION PART WG1004-2



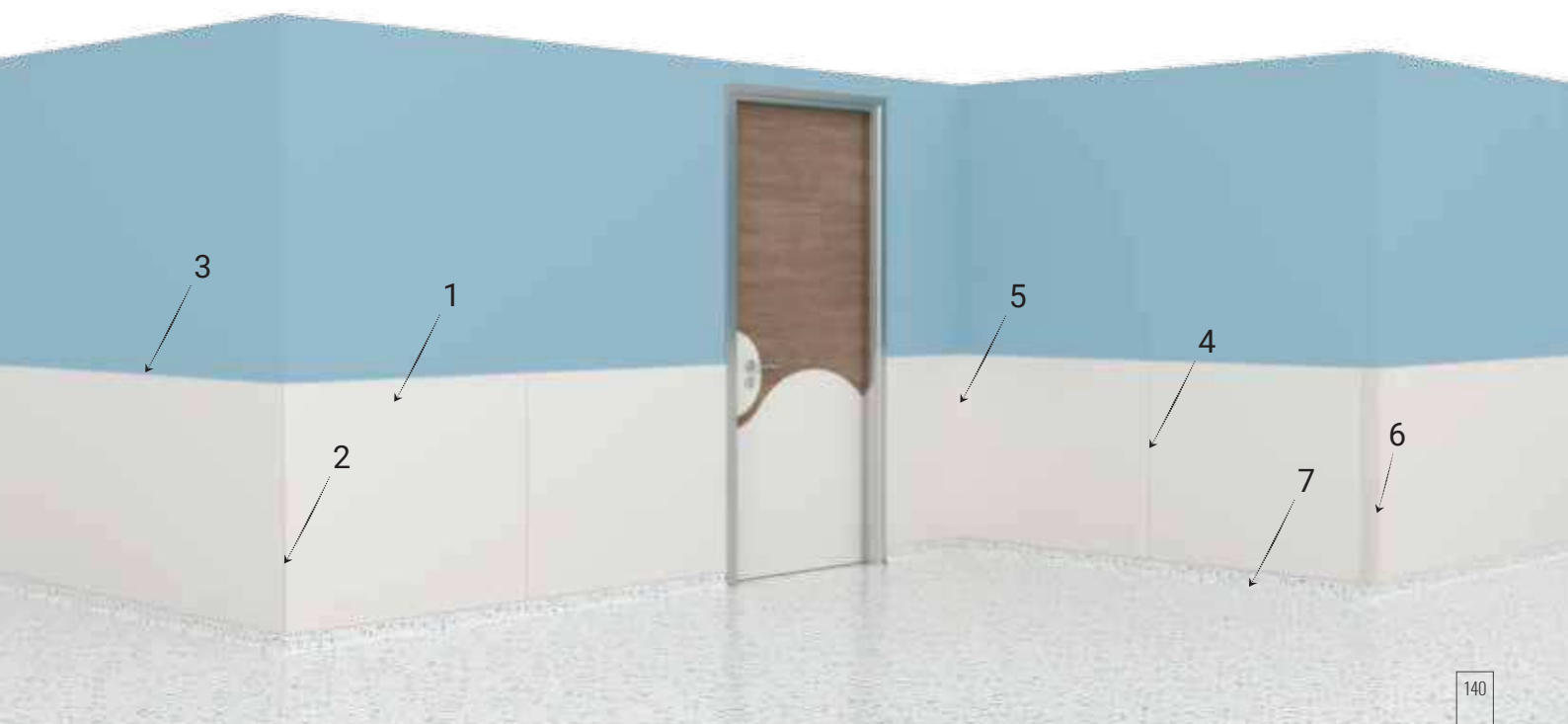
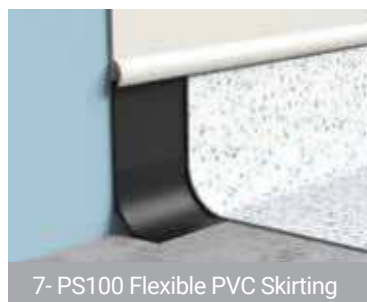
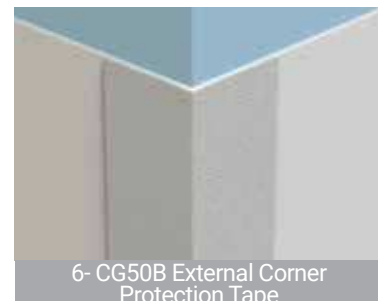
INTERNAL END CAP WG1004-3



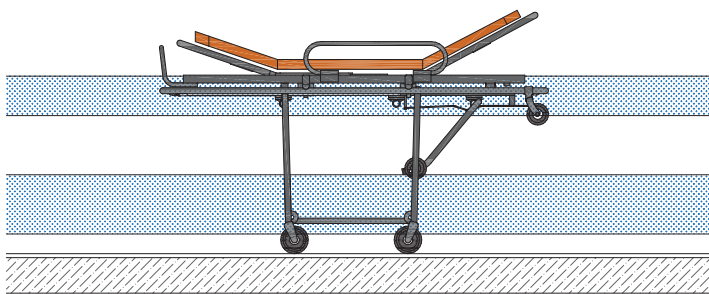
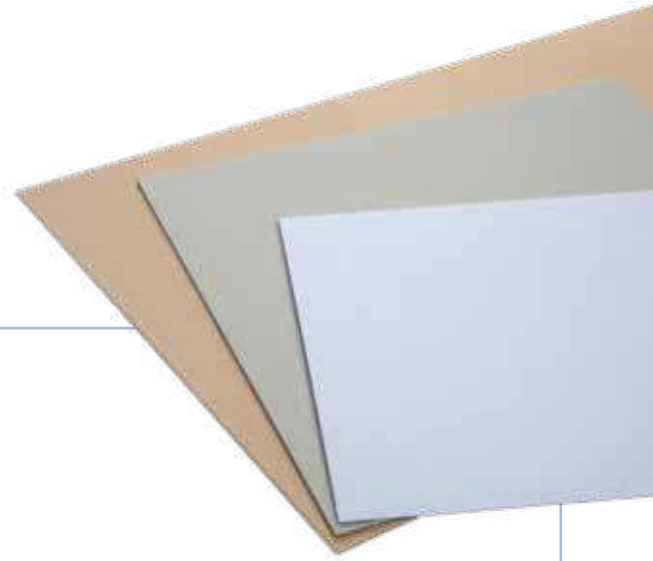
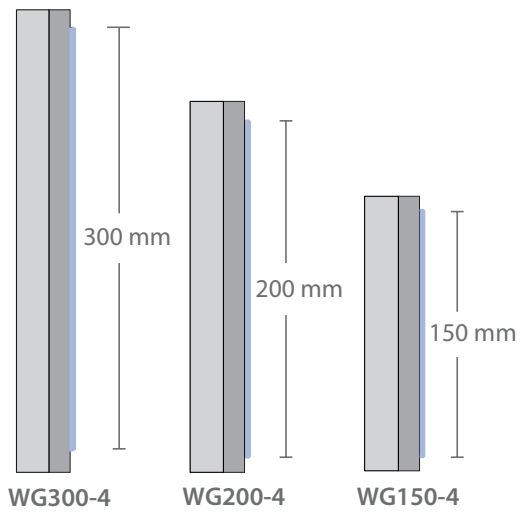
EXTERNAL END CAP WG 1004-4

VINYL PLATES

ASSEMBLY PARTS



WG150-4 - 200-4 - 300-4 ARFEN VINYL PLATES



WG150-4 - 200-4 - 300-4 vinyl plates are 2 mm thick and 150 mm, 200 mm, 300 mm width. These decorative sheets protect your walls from scratches by sticking to walls and doors with special adhesives. It is decorative with its scratch-proof top patterned structure. Since it is produced in 32 different colors, it is applied in harmony with other building materials. Plate lengths are produced in 4 meters.



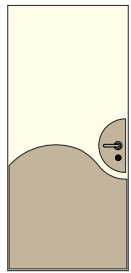
ROLLER BRUSH

VINYL BOND PLATE ADHESIVE

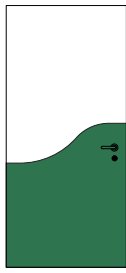


DG SERIES

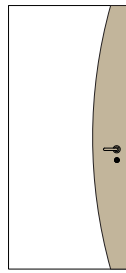
VINYL DOOR KICK PLATE



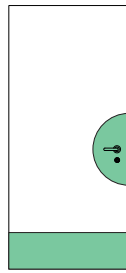
DG01



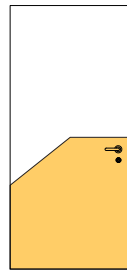
DG03



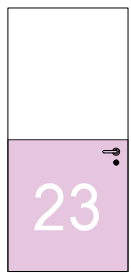
DG07



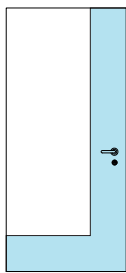
DG10



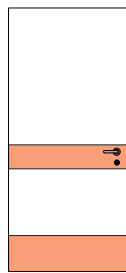
DG11



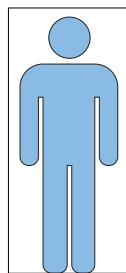
DG12



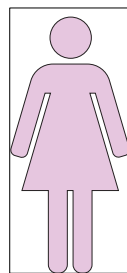
DG13



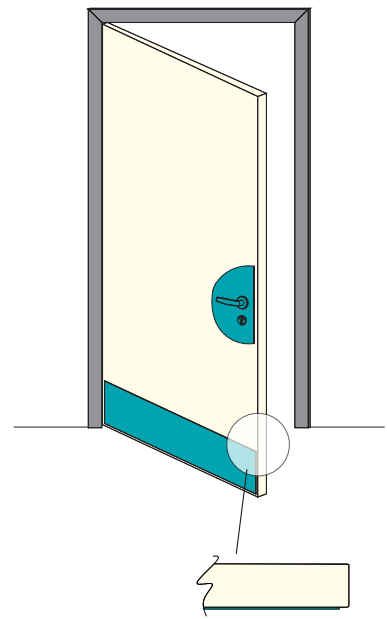
DG14



DG15

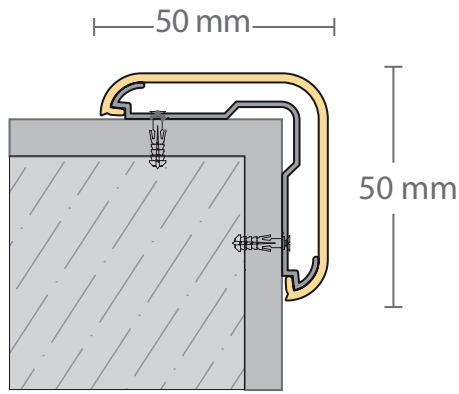


DG16



ARFEN Vinyl Door Kicking Plate has a special design in order to prevent doors from being damaged and also creating a decorative appearance. As the colors used are compatible with the wall and corner protection systems, an integrity is achieved. It is hygienic with its antibacterial structure and provides full protection. Production can be made in standard sizes and models, as well as alternatives can be developed on a project basis. Door protection plates, which are widely used, are especially suitable for hospitals, schools and commercial areas. Profile lengths are 4 meters and are produced in 32 different colors.





CG50

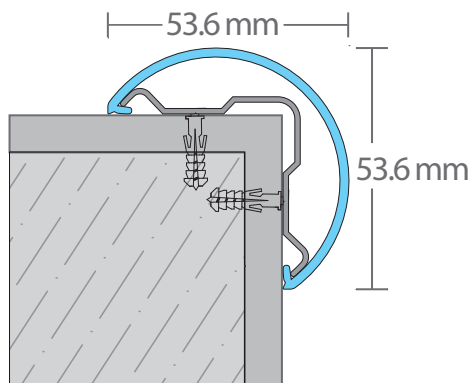
CORNER PROTECTION SYSTEM



WG012
CORNER END CAP

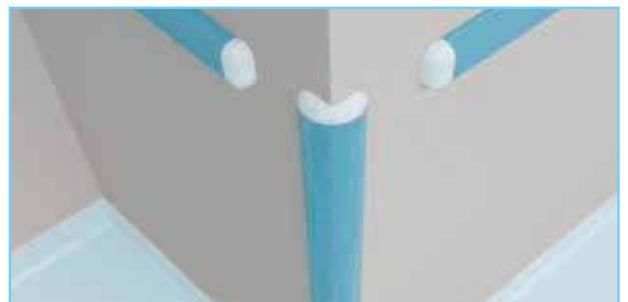


G50 is the corner guard which is made of non-deformable and scratch-resistant vinyl with an aluminum bottom and decorative top surface, which can be used in all kinds of structures such as hospitals, shopping malls, restaurants, hotels, dormitories, universities, dormitories, military buildings and public buildings to protect the wall corners during the use of buildings protection system. It can be produced in a specific height (L: 1 m, L: 1.50 m) as well as throughout the floor height. It is decorative with its top end cap. It is manufactured in 32 different colors.



CG51

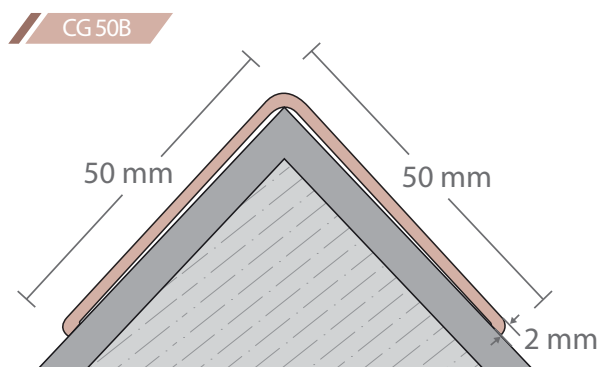
CORNER PROTECTION SYSTEM



WG037
CORNER END CAP



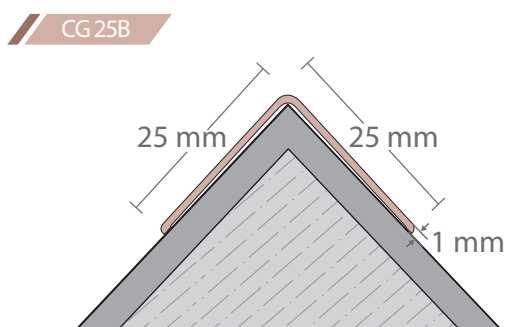
It is a corner protection system that is used in kindergartens, dormitories and hospitals with more shock absorbing and deformation properties than other corner protections.



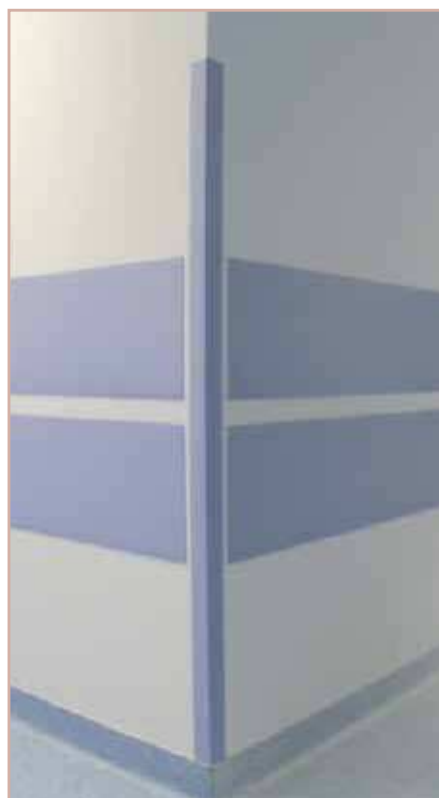
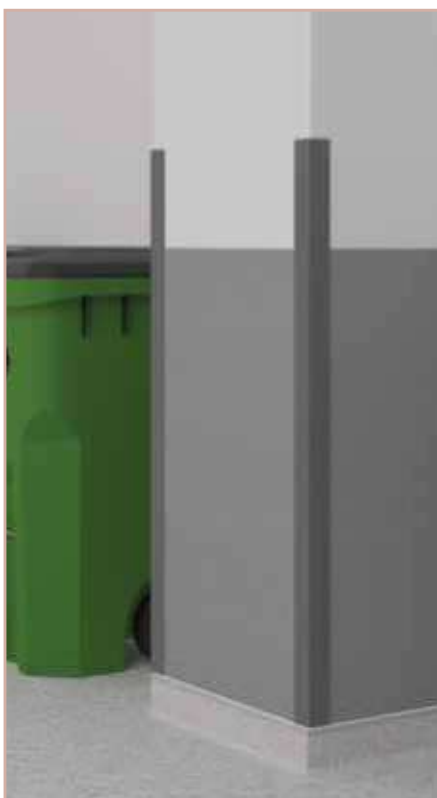
CG25B

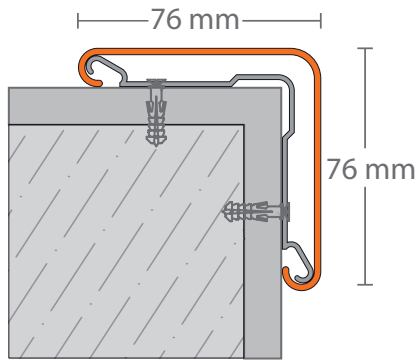
CG50B

STICK ON CORNER GUARD



CG 25B & CG 50B are an adhesive corner protection system made of non-deformable and non-scratch vinyl with a decorative top surface, which can be used in all kinds of structures such as hospitals, shopping malls, restaurants, hotels, dormitories, universities, dormitories, military buildings and public buildings to prevent deformations on the wall corners during the use of buildings. They can be used in a specific height (L: 1 m, L: 1.50 m) or it is applied with vinyl plate adhesive throughout the floor height. They are manufactured in 32 different colors.





CG76

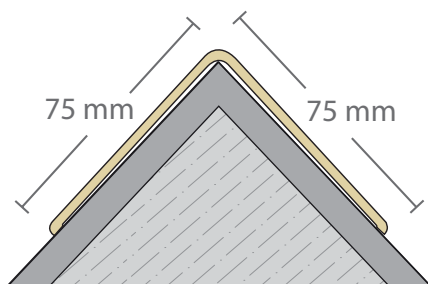
CORNER PROTECTION SYSTEM



WG008 END CAP



CG76 is a vinyl over aluminum corner protection system that can be used in all kinds of buildings such as hospitals, shopping malls, hotels, dormitories, universities and public buildings to protect the corners of the walls. It can be used in a specific height (L: 1 m, L: 1.50 m) as well as throughout the floor height. It is decorative with a top end cap. It is manufactured in 32 different colors.

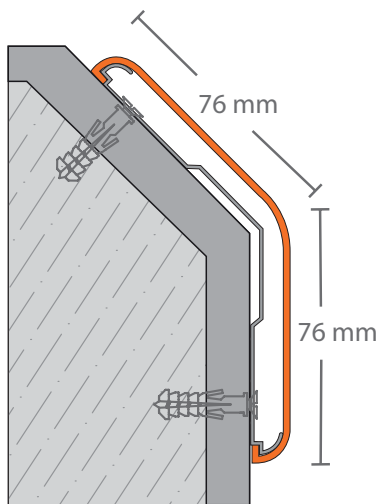


CG76B

CORNER PROTECTION SYSTEM



CG76 B is a corner protection system made of non-deformable and scratch-proof vinyl with a decorative top surface, which can be used in all kinds of buildings such as hospitals, shopping malls, restaurants, hotels, dormitories, universities, dormitories, military buildings and public buildings to prevent deformations on the wall corners during the use of buildings. It can be used in a specific height (L: 1.20 m, L: 1.50 m) as well as throughout the floor height. It is manufactured in 32 different colors.



CG76A

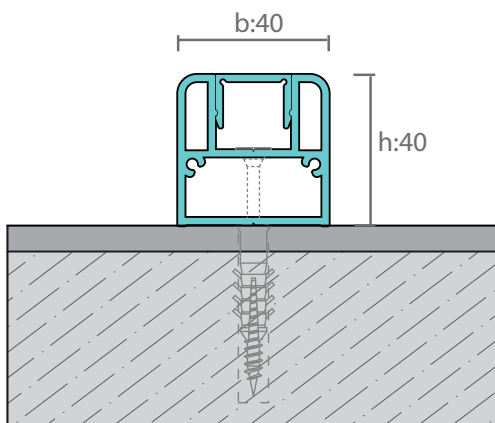
ANGULARITY CORNER GUARD SYSTEM



WG009
CORNER END CAP



CG76A 135° is a vinyl over aluminum corner protection system that can be used in all types of buildings such as hospitals, shopping malls, hotels, dormitories, universities, and public buildings to protect wall corners. It can be used in a specific height (L: 1 m, L: 1.50 m) as well as throughout the floor height. It is decorative with a top end cap. It is manufactured in 32 different colors.



WG102

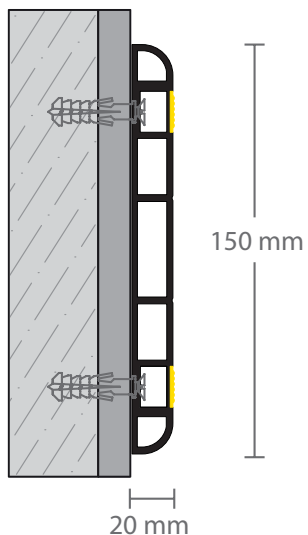
BED HEAD STOPPER



WG067 END CAP



WG102 The bedhead stopper, which is fixed by screwing to the ground with its strong structure of aluminum, forms an integrity with the clips and cover that installs on it. Not only with the bedside stopper function in hospitals, but also in all intensive service vehicle traffic, food carts, clean dirty laundry carts, etc. in the shuttles where wheeled vehicles pass, provides a stopper without being hit to the wall. Aluminum bed head stopper, which is mostly produced as 1 meter for patient beds, is produced in natural anodized or ral paint colors, and it is also manufactured in 3 meter lengths for other places.



RG150

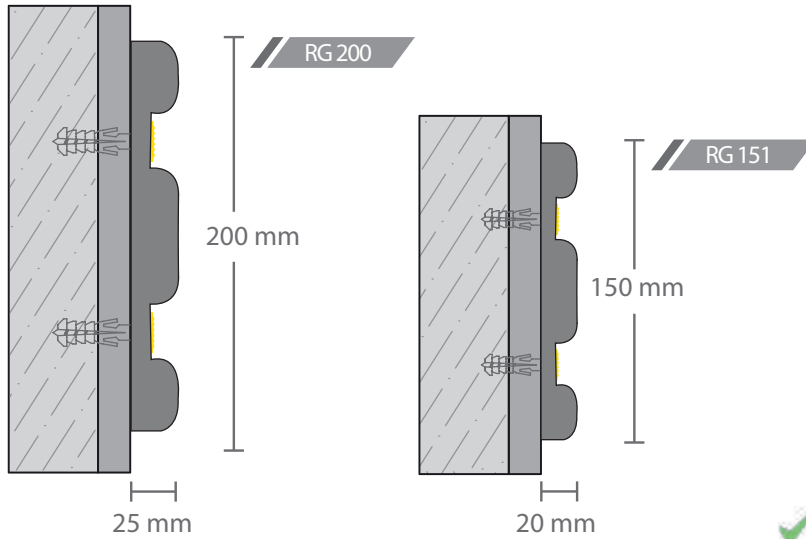
RUBBER WALL PROTECTION SYSTEM



Rubber wall guard system with a width of 150 mm and a thickness of 20 mm is used in parking lots and factories or in areas where deformation can be more intense to prevent deformations that may occur on the walls. It creates a decorative appearance with its right and left end caps. Profile lengths are manufactured as 3 meters.



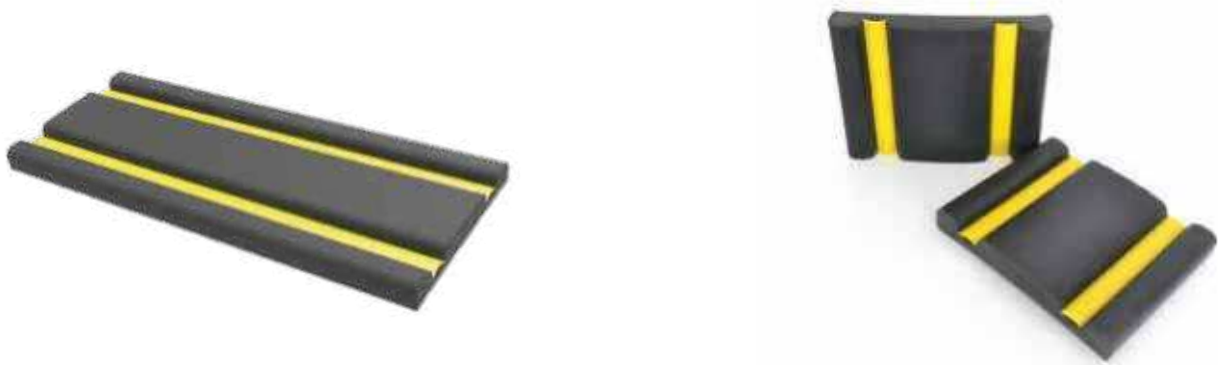
RG01 RIGHT AND
LEFT END CAP



RG151 RG200

TPE WALL PROTECTION SYSTEM

✓ 100% Recyclable ✓ Does not leave traces and colors



TPE wall protection system with a width of 150 - 200 mm, thickness of 20 - 25 mm is used in parking lots, factories or in areas where deformation can be more intense to prevent deformations that may occur on the walls. It prevents areas from being damaged for many years with its strong structure. It does not cause pollution and bad appearance during application with its special formula. Profile lengths are manufactured as 3 meters. Color alternatives are black and grey.



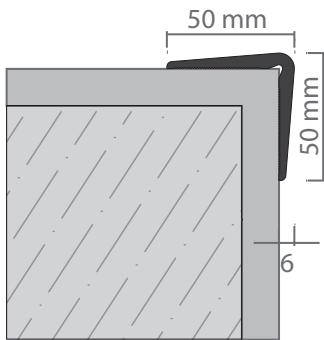
RG006 END CAP
(for RG 151)



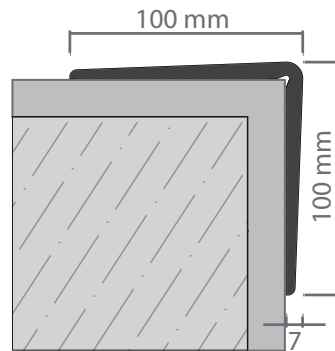
RG004 END CAP
(for RG 200)

RG50& RG101

TPE CORNER PROTECTION SYSTEM



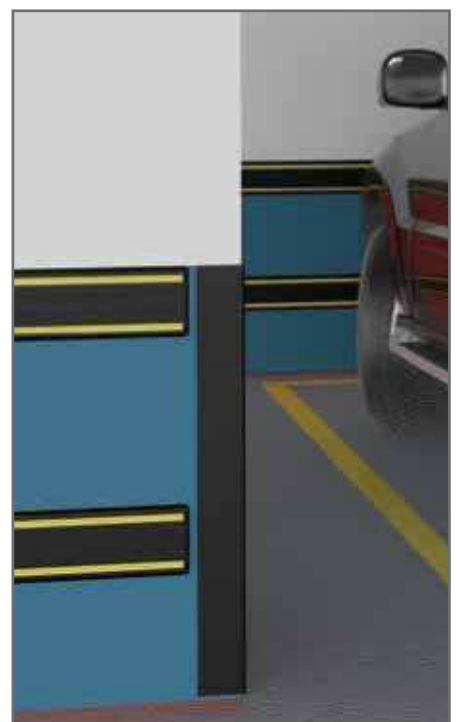
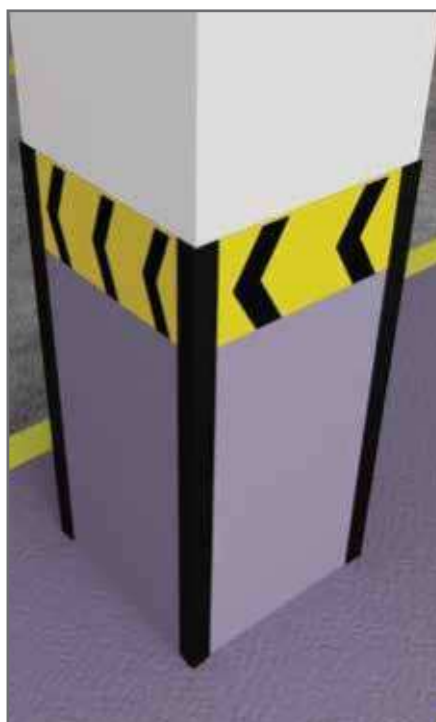
RG 50

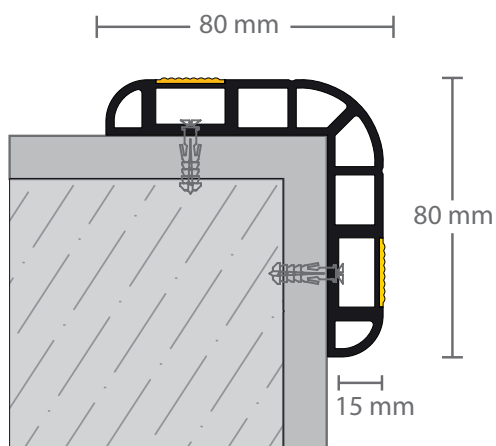


RG 101



It is a TPE based corner protection profile which is applied with suitable adhesives to wall and column corners with width of 50 - 100mm wing. They are manufactured in 1000 /1500/3000 mm lengths.





RG80

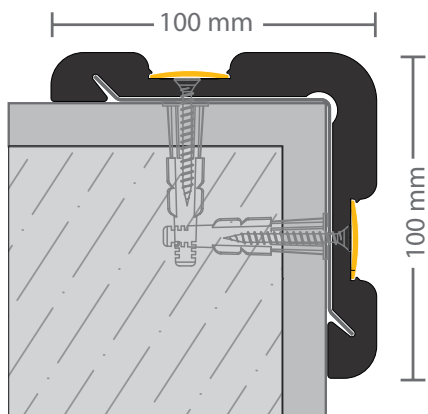
RUBBER CORNER PROTECTION SYSTEM



RG80 Rubber corner protection system is used both in parking lots and factories or in areas where deformation is more intense to prevent deformations in column and wall corners. It creates a decorative appearance with its top end caps. It can be used in a specific height (L: 1 m, L: 1.50 m) as well as throughout the floor height. Profile lengths are manufactured as 3 meters.



RG02 END CAP

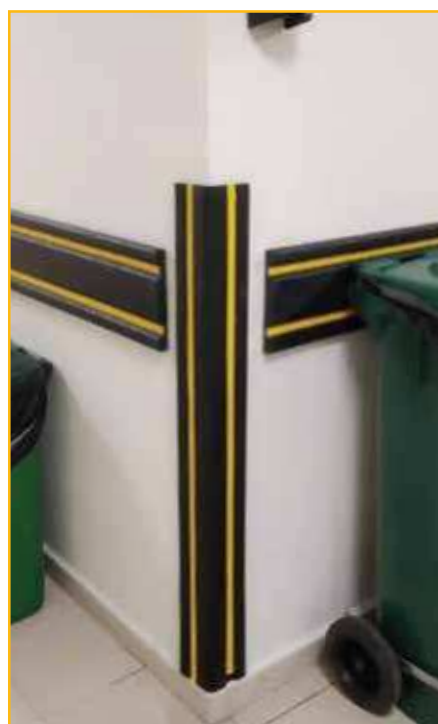


RG100

RUBBER CORNER PROTECTION SYSTEM



Used as protecting corner deformations in factories or areas where deformation may be more intense but especially in parking lots by the dimensions of 100 mm x 100 mm. Colour alternatives; black and grey. Can be used as specific length such as 1,00 mt, 1,50 mt but also can be used as standard 3 mt length. Provides straight appearance because of the TPE and continuous metal retainer.

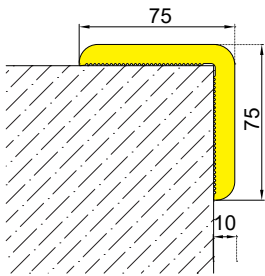


RG03 END CAP
(FOR CHAMFER COLUMNS)

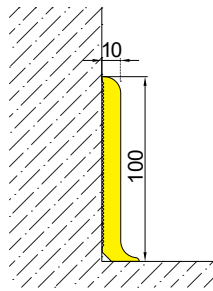
HSP SERIES

HYGIENIC SKIRTING AND WALL PROTECTION

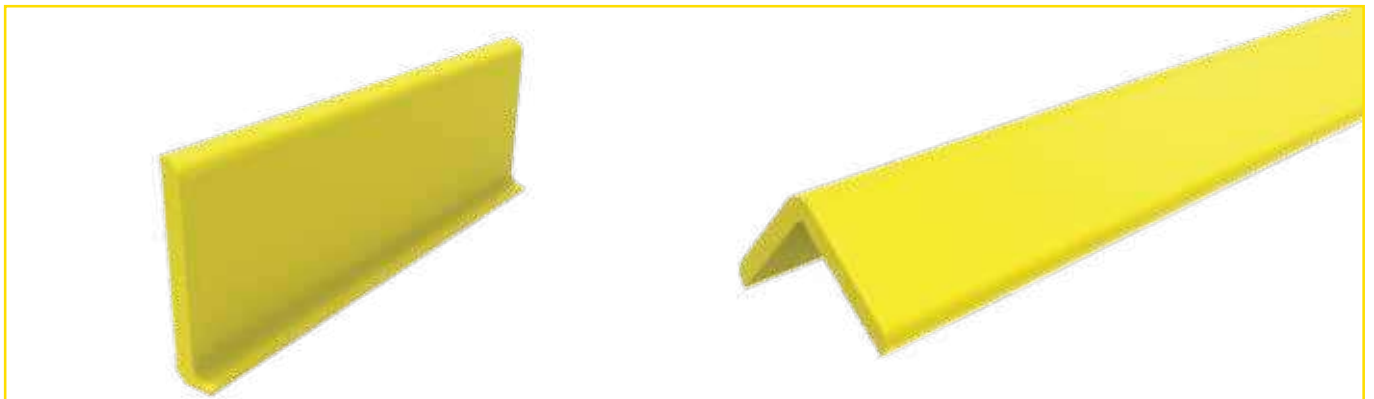
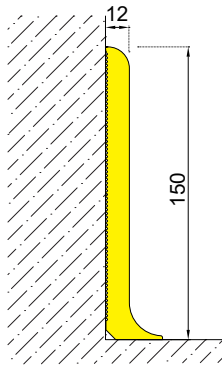
HSP 75



HSP 100



HSP 150



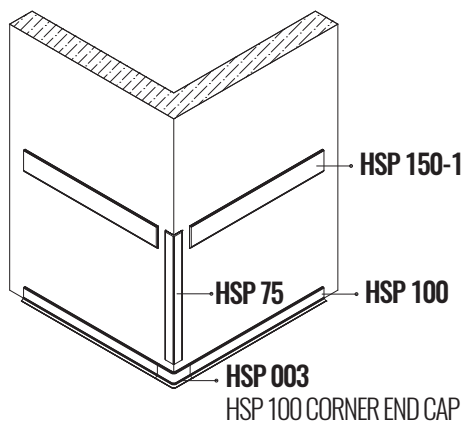
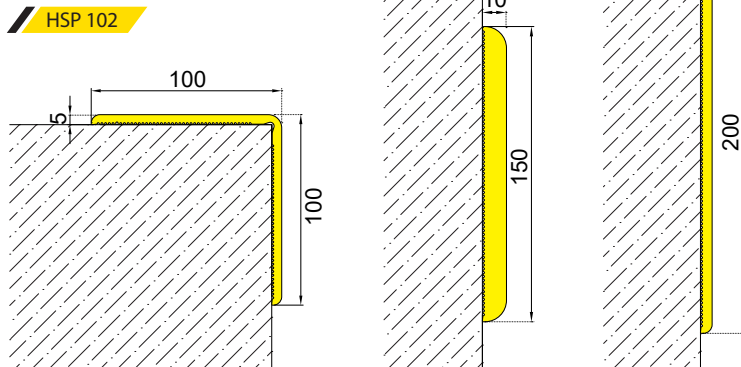
HSP Series wall corner guards and skirting boards are produced from soft hygienic PVC raw material and are produced in yellow colour to attract attention and stimulate. It is used on surfaces that should be hygienic such as dining halls, cold storage, and food facilities. It can be used easily on washable walls.



HSP 003:
HSP 100 EXTERNAL CORNER BIT

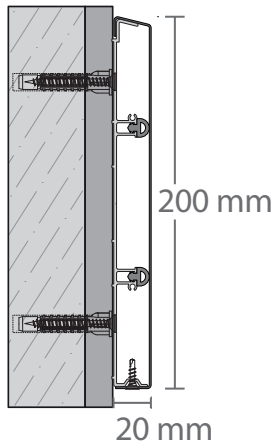
HSP SERIES

HYGIENIC SKIRTING AND WALL PROTECTION





stainless steel protection systems



WG200 SS

STAINLESS WALL PROTECTION SYSTEM



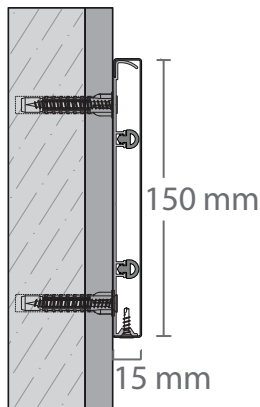
STAINLESS DESIGN OPTIONS



WG046 LEFT
AND RIGHT END



It is a stainless wall protection band formed by attaching a 200 mm wide 1.00 mm thick 304 quality stainless sheath to aluminium carrier profiles. It absorbs the impacts thanks to the shock-absorbing wicks.



WG151 SS

STAINLESS WALL PROTECTION SYSTEM



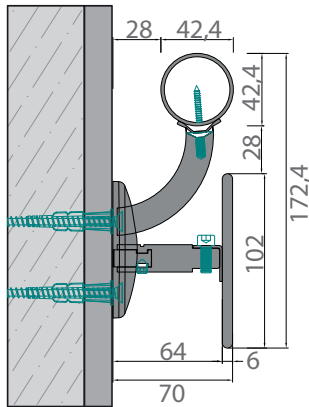
STAINLESS DESIGN OPTIONS



WG048 LEFT
AND RIGHT END



Symmetrical 150 mm top part is connected to aluminium part with screws. It absorbs the impacts thanks to the shock absorbing wicks.



WG170 SS

STAINLESS HANDRAIL WALL PROTECTION SYSTEM



WG068 SELF BRACED ELBOW & INNER EXTERNAL CORNER



WG071 STAINLESS HANDRAIL HANDLE AND MOUNTING APPARATUS



WG076 RIGHT END



WG077 LEFT END



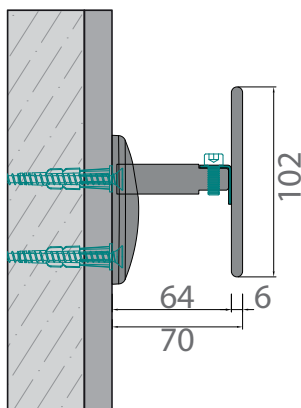
WG078 INSIDE CORNER



WG079 OUTSIDE CORNER



It is a system that manufactured by 6 mm thick stainless steel wall protection strip with 304 quality and 42 mm diameter stainless steel pipe handrail. The system includes right, left end and inner, outer corner accessories. There is a collar or flush finish options on the handrail. Profiles can be produced as 4 meter length and sized according to the measurement taken on site during application. The handrail and wall protection strips allow the assembly of two pieces at once. It is an easy-to-apply, hygienic and decorative system with the help of its special handle.



WG100 SS

STAINLESS HANDRAIL WALL PROTECTION SYSTEM



WG070 STAINLESS MOUNTING APPARATUS



WG076 RIGHT END



WG077 LEFT END



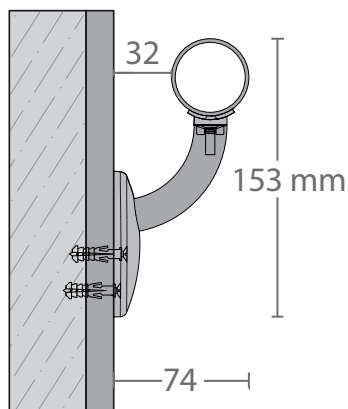
WG078 INSIDE CORNER



WG079 OUTSIDE CORNER



It is a 304 quality, 6 mm thick stainless steel wall protection tape. It provides easy use with the help of the radiused structure on its upper part. The system includes right-left and inner-outer finish. The stainless protection tape is produced in 4 m length and can be sized according to the size on site. The system is mounted on the wall with the help of stainless steel handles. It is an easy-to-apply, hygienic and decorative system.



WG42 SS

STAINLESS HANDRAIL WALL PROTECTION SYSTEM



WG039 STAINLESS
STEEL BRACKET



WG034 FLUSH FINISH
HANDRAIL ELBOW



WG068 SELF BRACED ELBOW
& INNER EXTERNAL CORNER



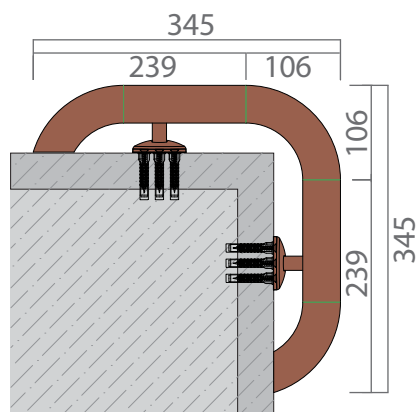
WG069 FLUSH INNER
OUTER CORNER



WG072
PIPE COLLAR



ARFEN's 42 mm stainless steel or vinyl handrail systems are suitable to international standards with hygienic and decorative structure. The system has collar and flush finish and corner end cap options.



WG039 STAINLESS
STEEL BRACKET

WG 502

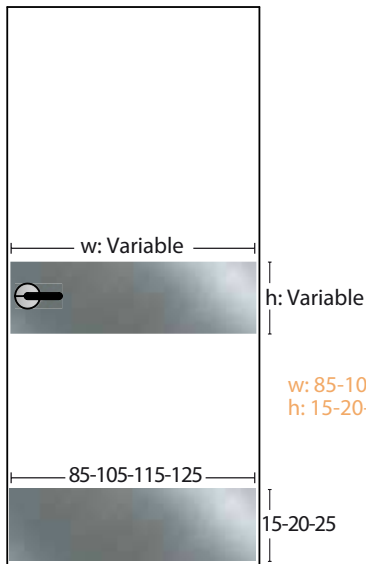
STAINLESS HANDRAIL WALL PROTECTION SYSTEM



They are oval corner protection systems that protect the corners of walls and columns against the collisions of vehicles such as forklifts or pallet trucks in food facilities, markets and all kinds of service and load corridors.

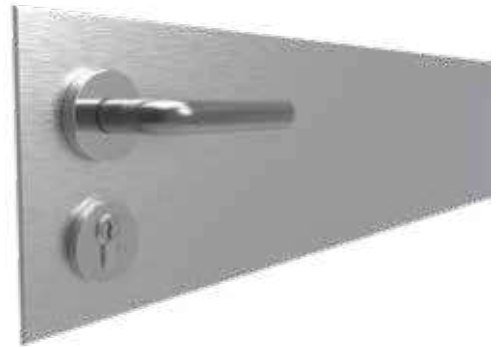
KP SERIES

STAINLESS DOOR PROTECTION PLATES



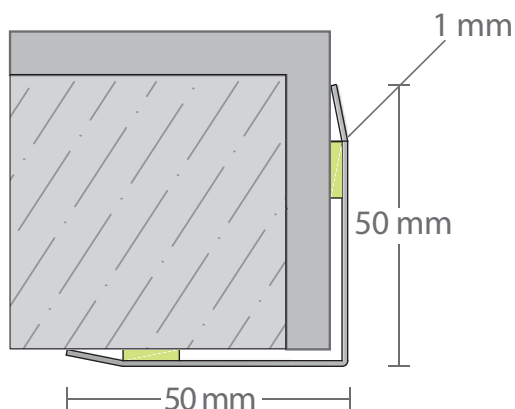
w: 85-105-115-125 cm
h: 15-20-25 cm

KP 85S - 105S - 115S - 125S



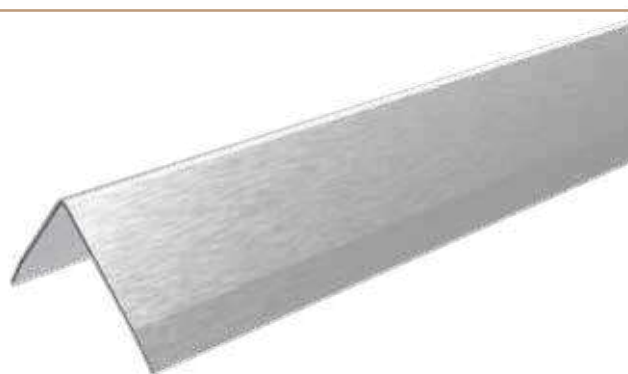
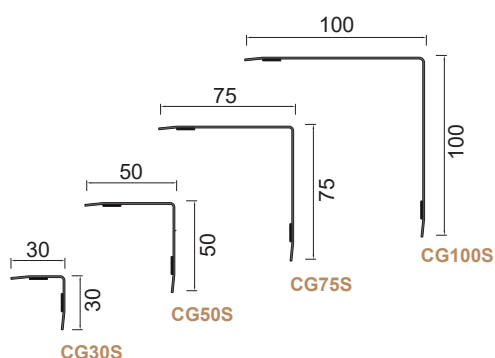
1 mm satined stainless steel door handles produced in 304 quality are fixed to the door with stainless steel screws with a width of 85-105-115-125 cm and a height of 15-20-25 cm on both sides of the door leaf, the lower part of the wing and the door handle measurement. Generally used in service doors of schools, hotels, restaurants, cafes, hospitals and cafeterias, the stainless steel door handle is robust, durable and aesthetic with its appearance that provides frequency in spaces.





CG50S

STAINLESS CORNER PROTECTION SYSTEM



1 mm stainless corner protection profiles produced in 304 quality, which can be used in shopping malls, hotels, restaurants, schools and public buildings, adapt to the general metal effect in the space, thanks to their stainless appearance. It is resistant to impacts that may come to corners on columns and walls. It can be used at a certain height (L: 1m L: 1.50m) as well as throughout the floor height. Although it is fixed to the wall by screws, it can be applied to corner walls and column corners with polyurethane adhesives or lift-sided tapes.

WG1004 SS

STAINLESS PLATES

STAINLESS DESIGN OPTIONS



SS01

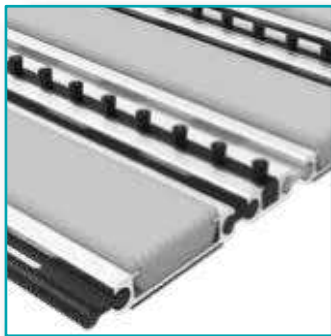
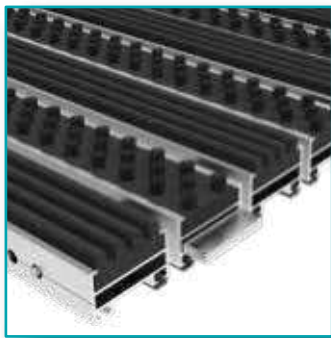
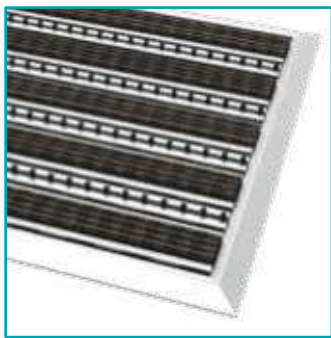
SS02

SS03

SS04

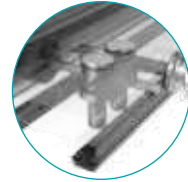
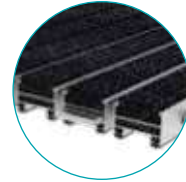
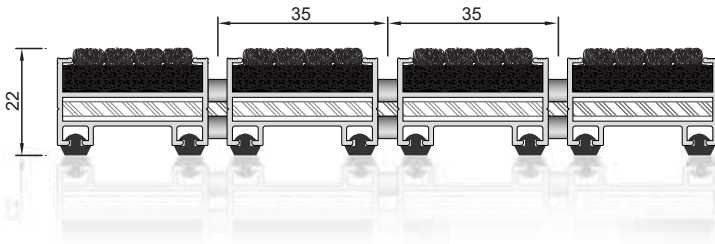


They are products that can be applied to walls with special adhesives or special end profiles made of 304 and 316 quality stainless steel with 1000 mm, 1250 mm, 1500 mm width t:1.00 mm thickness. And are hygienic, fireproof and stainless wall protection plate products that can be used in all kinds of buildings such as shopping malls, hospitals, metro stations, and food and health facilities.



aluminium entrance mat system

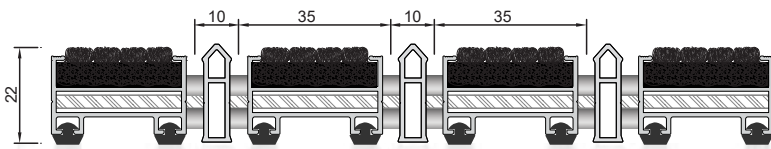
HH 01



HH 01 Aluminium Entrance Mat System

Indoor matting system that holds dirt and mud by aluminum profiles with carpet surface. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.

HS 02



HS 02 Aluminium Entrance Mat System

Indoor matting system that holds dirt and mud by aluminum profiles with carpet surface and aluminium type scraper. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.

Carpet Colours



Black



Grey



Red



Camel

Can be produced in special sizes

Standard frame types are (40x70) , (50x80) , (60x90)

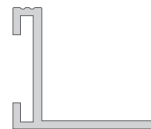
» FLYMAT 008

Standard Series
Frame Profile



» FLYMAT 026

Standard Series Pool
Type Edge Profile

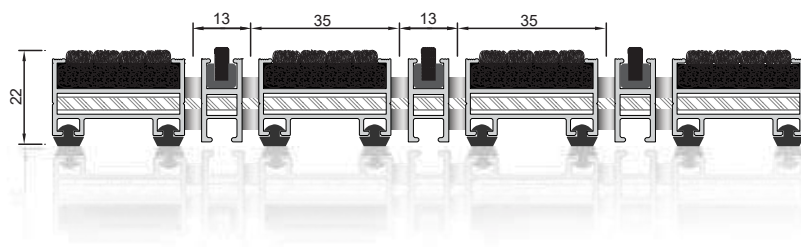
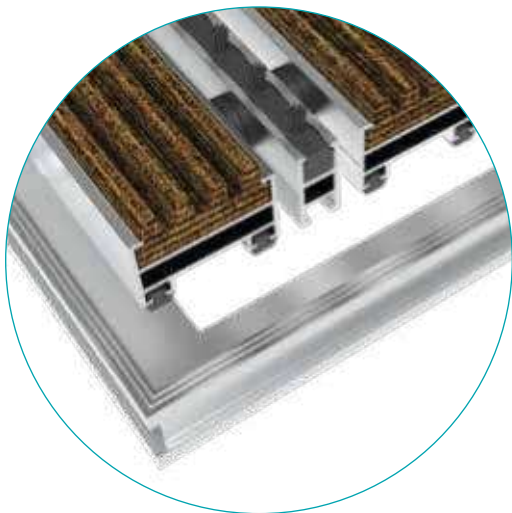


» MB2515

Over Finish Pool
Type Edge Profile



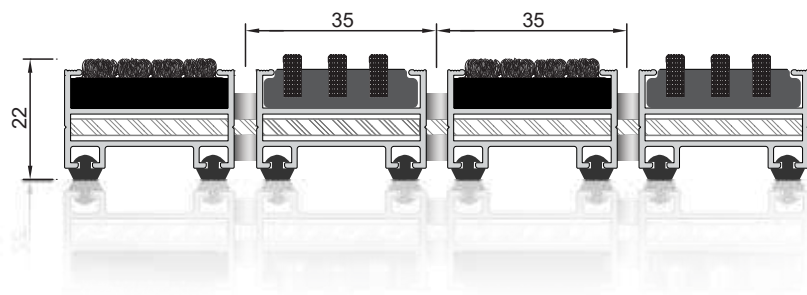
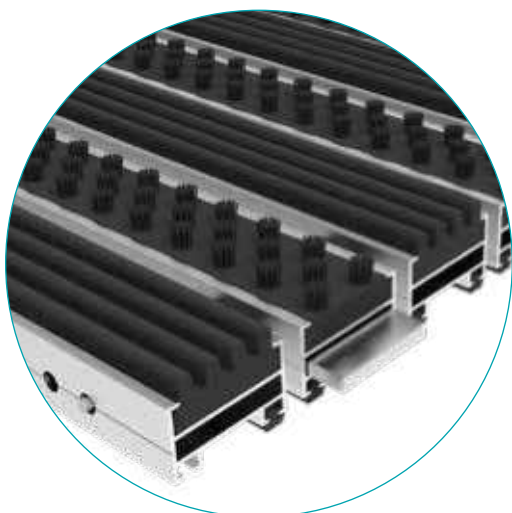
HF 03



HF 03 Aluminium Entrance Mat System

Indoor matting system that holds dirt and mud by aluminum profiles with carpet surface and brush type scraper. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.

HH 04



HH 04 Aluminium Entrance Mat System

Indoor matting system that holds dirt and mud by aluminum profiles with carpet and brush type surface. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.

Carpet Colours



Black



Grey



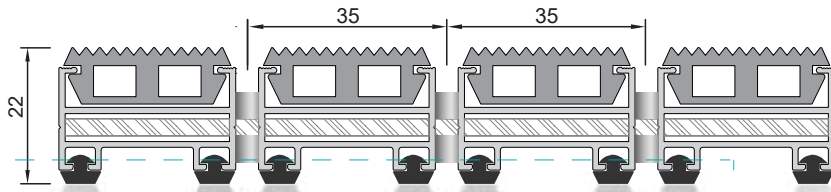
Red



Camel

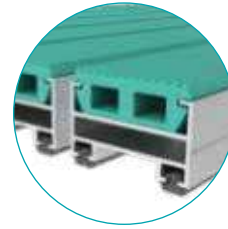


KK 06

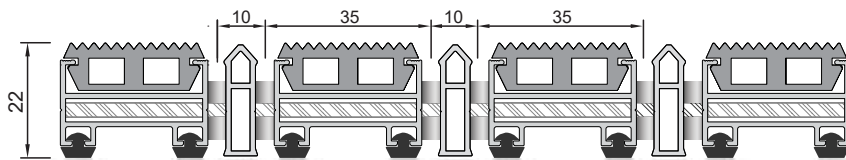


KK 06 Aluminium Entrance Mat System

Outdoor matting system that holds dirt and mud by aluminum profiles with rubber inserted top surface. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.

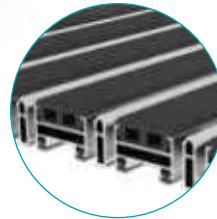


KS 07

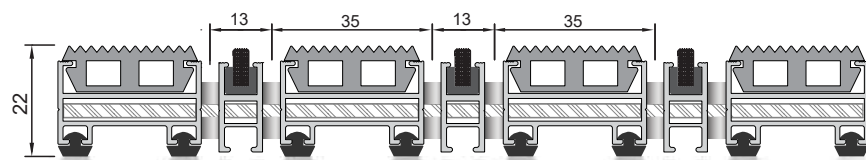


KS 07 Aluminium Entrance Mat System

Outdoor matting system that holds dirt and mud by aluminum profiles with rubber inserted top surface and aluminium type scrapers. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.



KF 07



KF 07 Aluminium Entrance Mat System

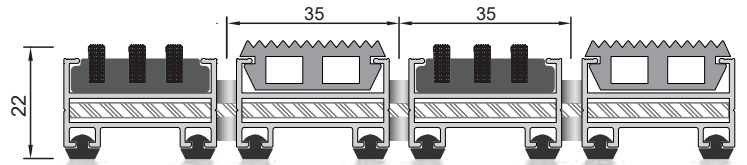
Outdoor matting system that holds dirt and mud by aluminum profiles with rubber inserted top surface and brush type scrapers. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.



Grey and black colors are standard, can also be produced in various colours



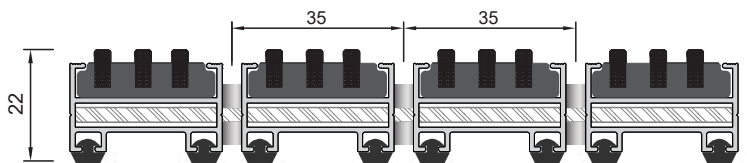
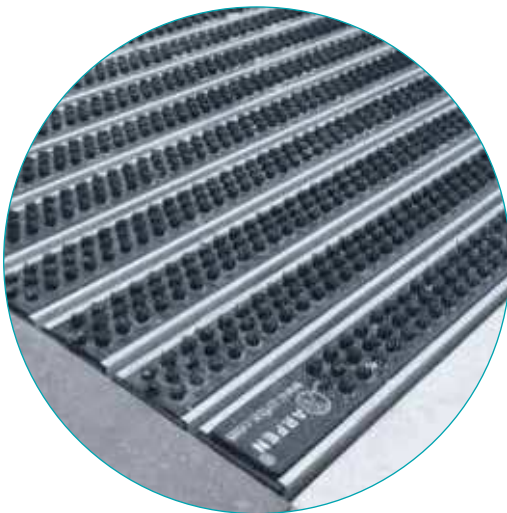
KF 08



KF 08 Aluminium Entrance Mat System

Outdoor matting system that holds dirt and mud by aluminum profiles with rubber inserted and brush type top surface. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.

KF 09

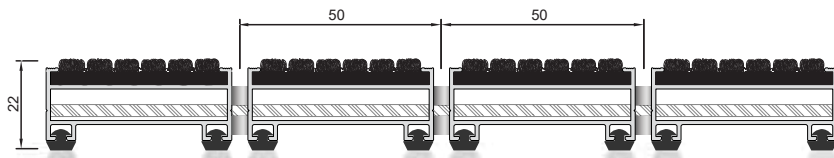


KF 09 Aluminium Entrance Mat System

Outdoor matting system that holds dirt and mud by aluminum profiles with brush type top surface. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.



HH 05

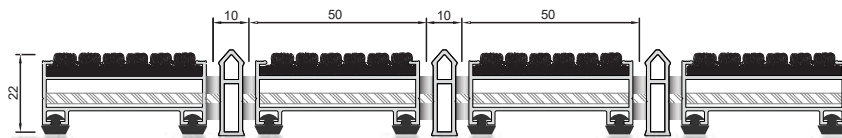


HH 05 Aluminium Entrance Mat System

Indoor matting system that holds dirt and mud by aluminum profiles with wide carpet surface. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.



HH 06

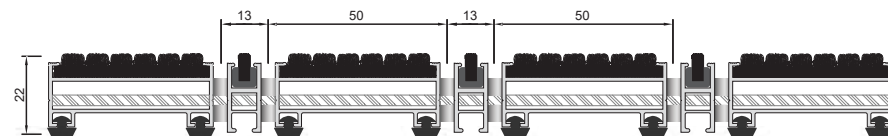


HH 06 Aluminium Entrance Mat System

Indoor matting system that holds dirt and mud by aluminum profiles with wide carpet surface and aluminium type scrapers. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.

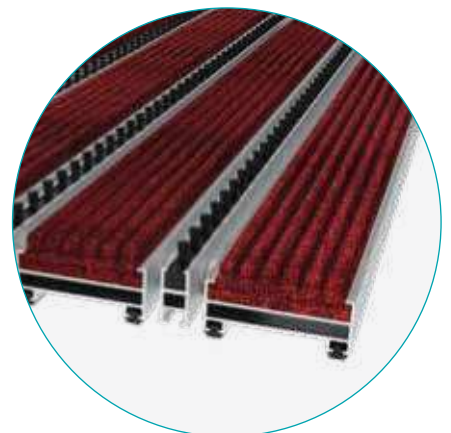


HH 07



HH 07 Aluminium Entrance Mat System

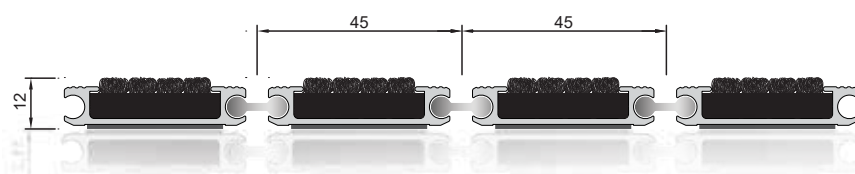
Indoor matting system that holds dirt and mud by aluminum profiles with wide carpet surface and brush type scrapers. The durable mat system consisting of mats bound with one another by steel ropes can be equipped with frame or can be produced as pool type placed in a specific slot. Depth is 2 cm. Below inserts provide sound-proof solution.



Carpet Colours



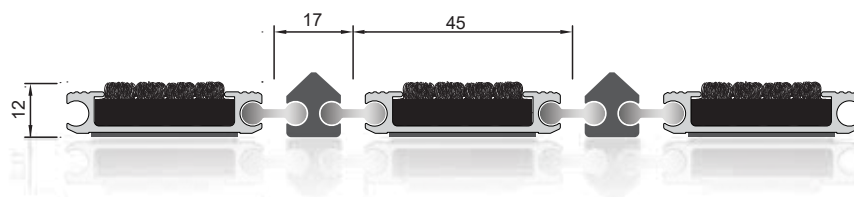
T01



T01 Thin Series Carpet Top Surface Entrance Mat System

Rollable and durable indoor matting system that holds dirt and mud by low height and perforated PVC connection profiles. Depth is 12 mm. Can be produced poll type and frame type.

T02



T02 Thin Series Carpet Top Surface With Scrapers Entrance Mat System

Indoor matting system that holds dirt and mud by aluminium scraper profiles and reduces dirt to the substrate by perforated PVC connection profiles.

Carpet Colours



Black



Grey



Red



Camel

» FLYMAT 022

Thin Series
Frame Profile



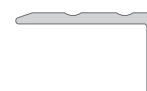
» FLYMAT 027

Thin Series Pool
Type Edge Profile

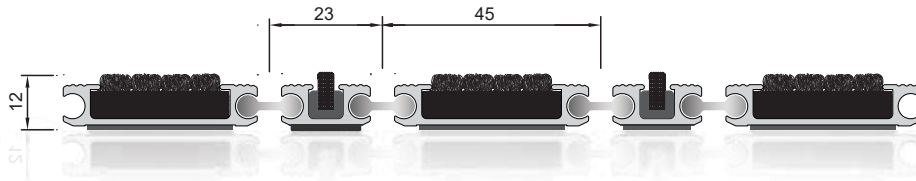


» MB2515

Over Finish Pool
Type Edge Profile



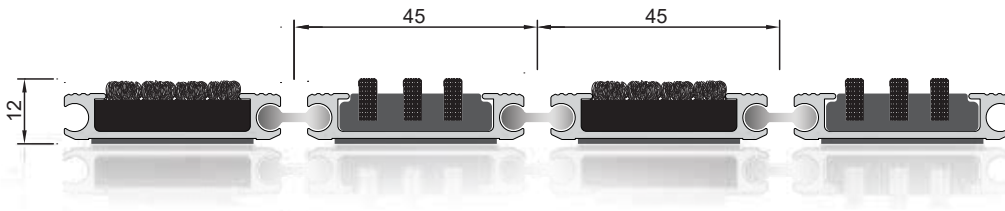
T03



T03 Thin Series Carpet Top Surface With Brush Type Scrapers Entrance Mat System

Thin series carpet top surface with brush type scrapers entrance mat system. Decorative and durable indoor matting system that holds dirt and mud by low height and perforated PVC connection profiles.

T04



T04 Thin Series Carpet and Brush Top Surface Entrance Mat System

Suitable for heavy pedestrian traffic indoor matting system that holds dirt and mud by carpet and brush top surfaces.

Carpet Colours



Black



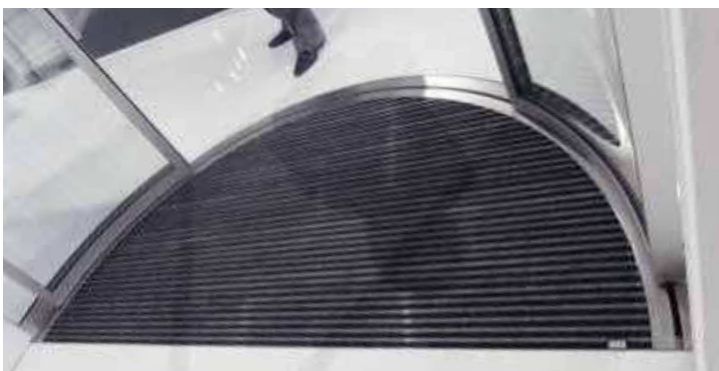
Grey

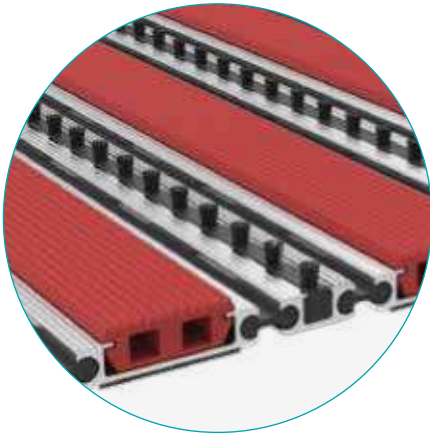


Red

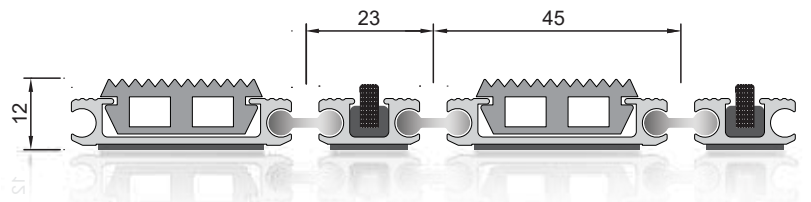


Camel



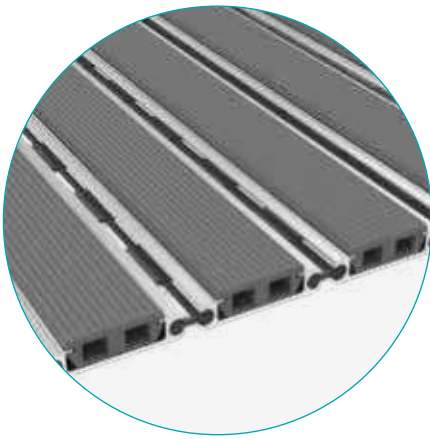


T05

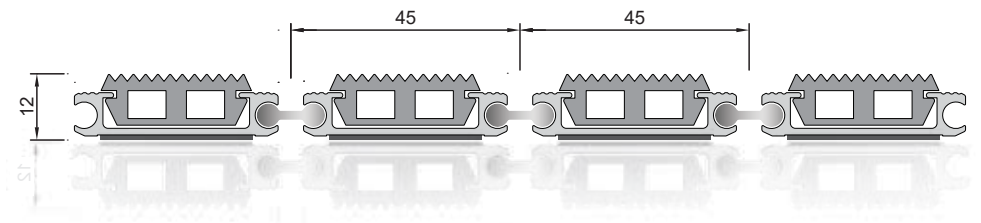


T05 Thin Series Rubber Inserted Surface With Brush Type Scrapers Entrance Mat System

Thin series outdoor entrance mat system. Decorative and durable outdoor matting system that holds dirt and mud by brush type scrapers and rubber inserted surfaces.

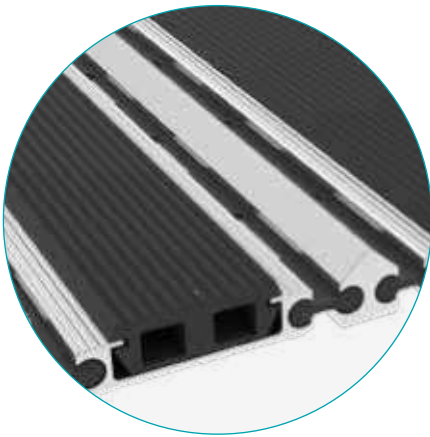


T06

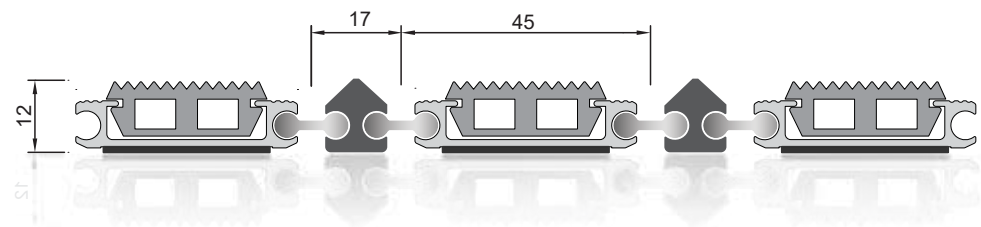


T06 Thin Series Rubber Inserted Surface Entrance Mat System

Decorative and durable outdoor rubber inserted matting system that holds dirt and mud by low height and perforated PVC connection profiles.



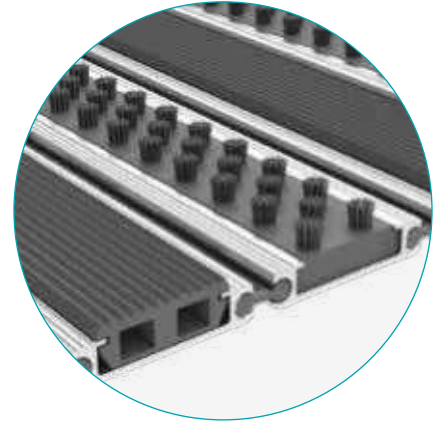
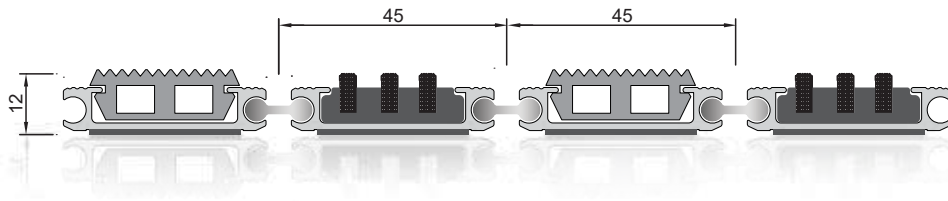
T07



T07 Thin Series Rubber Inserted Surface With Scrapers Entrance Mat System

Suitable for heavy pedestrian traffic outdoor matting system that holds dirt and mud by carpet and brush top surfaces.

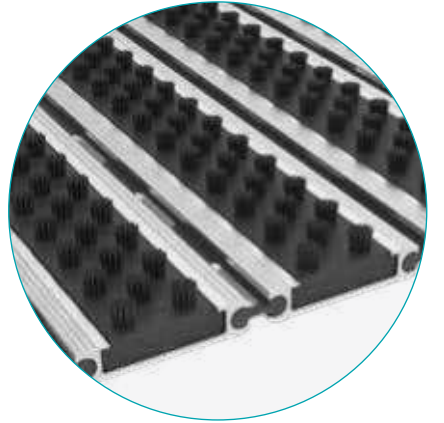
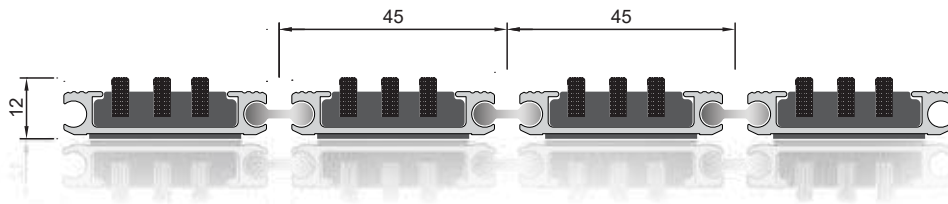
T08



T08 Thin Series Rubber Inserted and Brush Surface Entrance Mat System

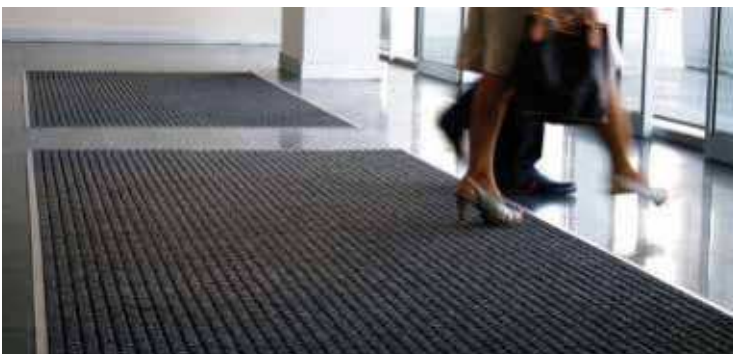
Strong and durable outdoor matting system that suitable for muddy and dirty areas.

T09



T09 Thin Series Brush Surface Entrance Mat System

Suitable for heavy pedestrian traffic outdoor matting system that holds dirt and mud by brush top surfaces.





» FLYMAT 008
Standard Series
Frame Profile



» FLYMAT 022
Thin Series
Frame Profile



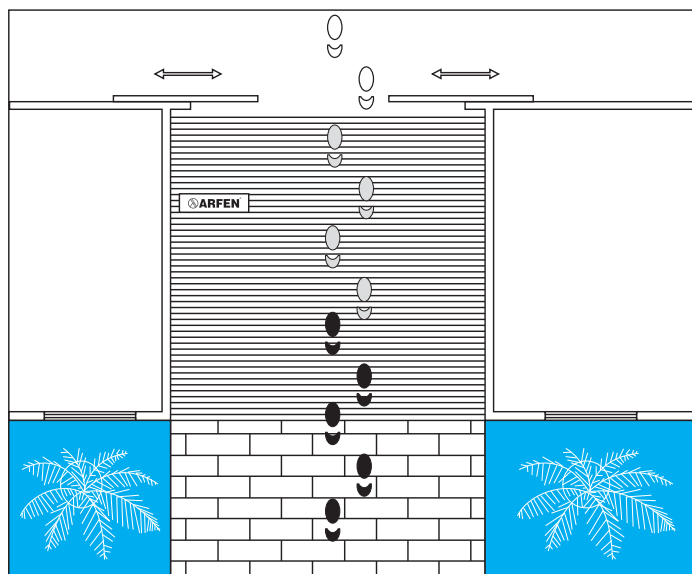
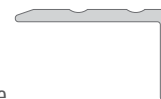
» FLYMAT 026
Standard Series Pool
Type Edge Profile



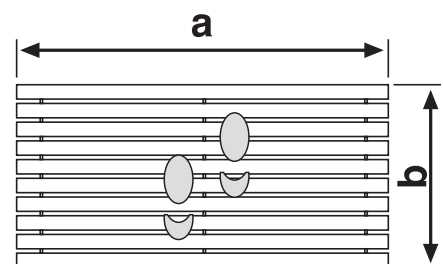
» FLYMAT 027
Thin Series Pool
Type Edge Profile



» MB2515
Over Finish Pool
Type Edge Profile



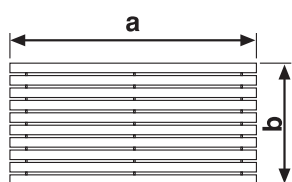
for custom size



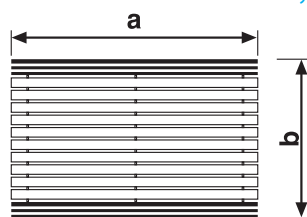
a.Width
b.Measurement of walking distance



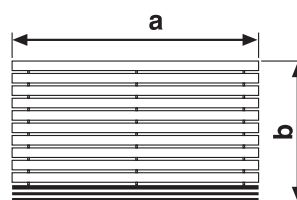
Order type choice



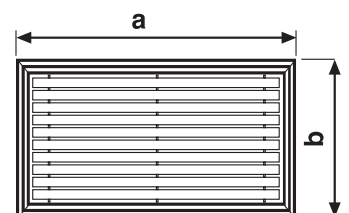
TIP 1
Pool type



TIP 3
Double edge profile



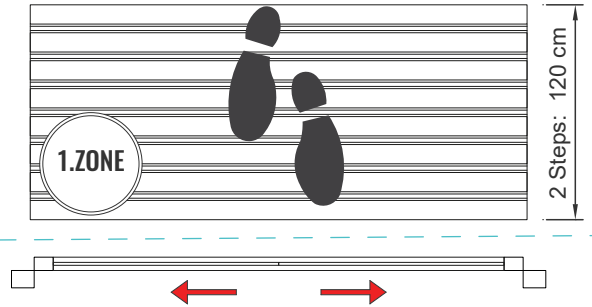
TIP 2
Single edge profile



TIP 4
Frame type

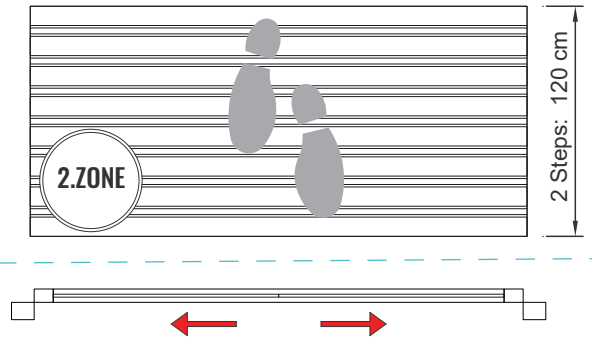
1.Zone: Rough Dirt Zone

Firstly rough dirts cleared with the help of rubber and brush surfaces. These types of entrance mat systems are suitable for outdoors.



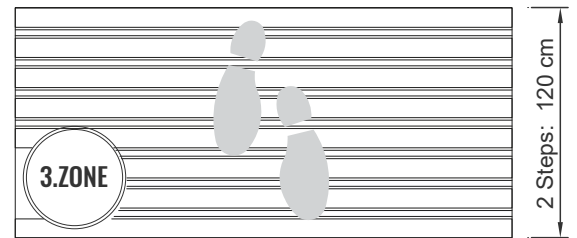
2.Zone: Fine Dirt Zone:

Fine dirts cleared with the help of rubber and brush surfaces. These types of entrance mat systems are suitable for outdoors and indoors.



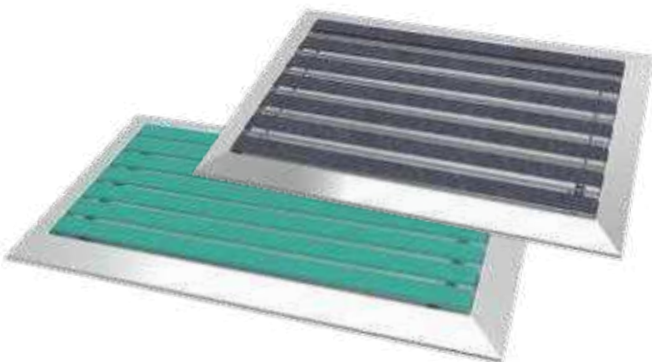
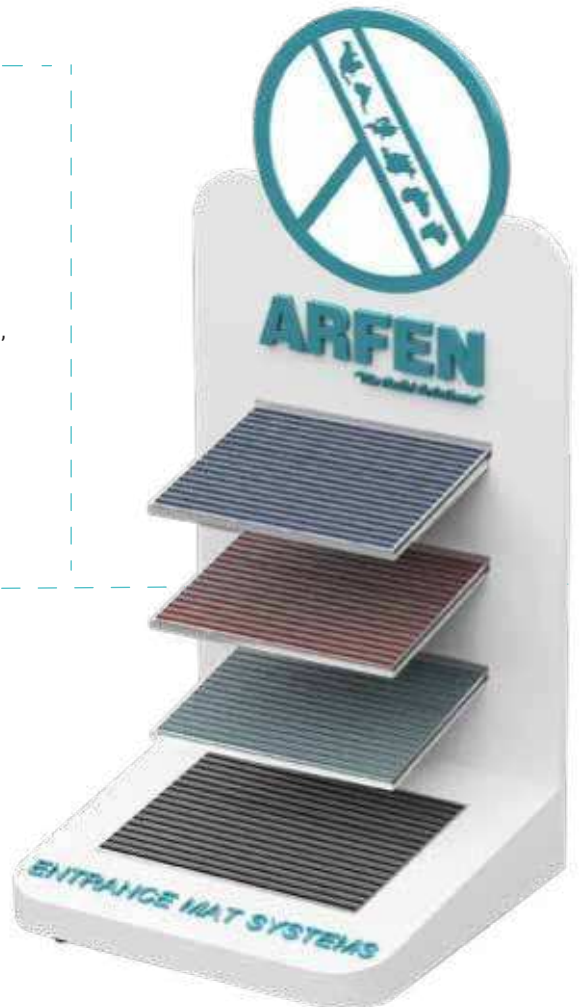
3.Humidity Zone:

Remaining dirt are and moisture are removed with the help of carpet surfaces. This prevents footprints and ensures a clean entrance.



3. Zoned Entrance Mat System

The first step in maintaining hygiene in public areas starts with entrance mat systems. Entrance mat systems clean our spaces from dirt and mud and clean usage areas as well as providing a long-term floor coverings life time is some of the advantages. ARFEN's 3 zoned entrance mat system turns into perfect solutions by putting the right pieces together. In this system, the cleanliness increases as the walking zone (distance) increases. Reduces dirt and dust by up to 90% with six step rule at entrance and consequently reduces extra floor cleaning expenses too. It prevents accidents by anti-slip speciality and absorbs sounds. Many architectural projects and technical specifications are successfully fulfilled by the various profile structures and available colour options. As ARFEN, we continue to create solutions in all types of project.





aluminium & PVC skirtings profiles



FLAT SURFACE RADIUS ALUMINIUM SKIRTING BOARDS

50, 60, 80, 100, 120, 150 mm high aluminium baseboards that can be applied by adhering or tightening. ASP 82-92-100-120 Series have right, left, end and inner outer corner elements. It is produced from aluminium.



ASP 100 FINISHING ELEMENTS

ASP10
Right End &
Outside Corner



ASP11
Left End &
Outside Corner



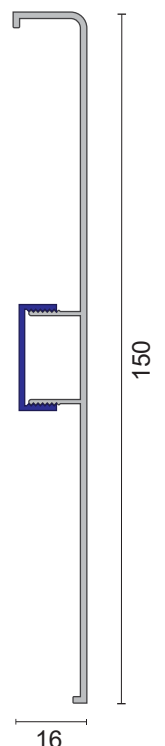
ASP12
Inner
Corner



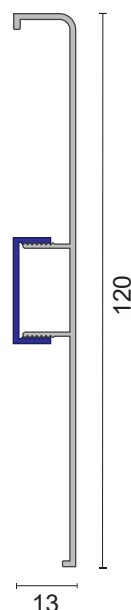
It is produced from aluminium. It is painted in the desired colour.



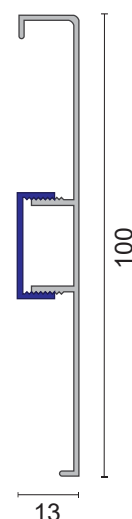
ASP151



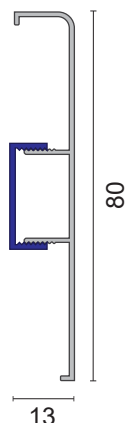
ASP120



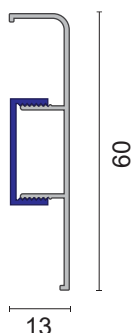
ASP100



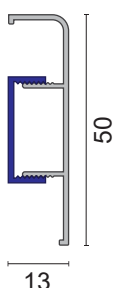
ASP82



ASP62



ASP50

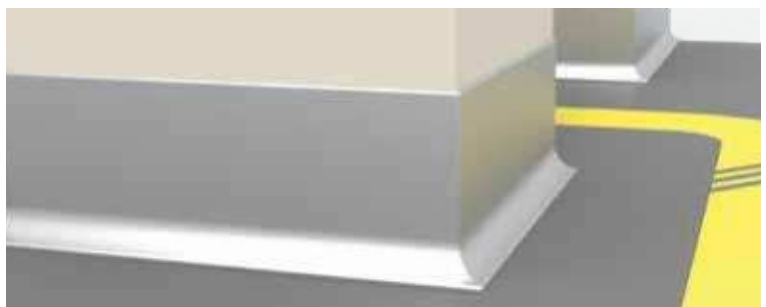


Each product has right, left, inner and outer corners made of aluminum.

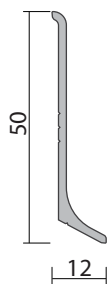


STICK ON SCREW TYPE THIN SERIES SKIRTING BOARDS

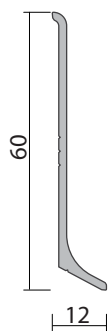
They are aluminium baseboards with a height of 50,60,80,85,90 mm that can be applied with adhesive or screws.



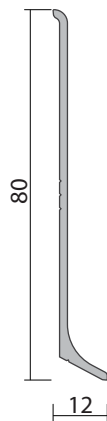
ASP51



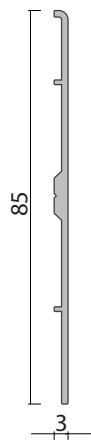
ASP61



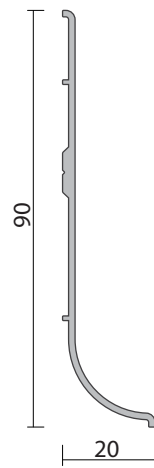
ASP81



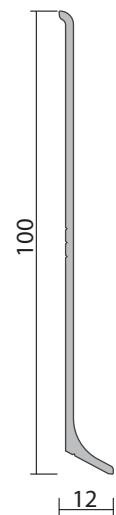
ASP85



ASP91



ASP101





CHAMFERED SKIRTING BOARDS

They are aluminium baseboards that can be applied with glue or screw at 60, 80, and 120 mm height. There are right-left end and inner-outer corner elements in the ASP 80 series. It is produced from PVC.



ASP 80 FINISHING ELEMENTS

ASP03
Outer
Corner



ASP04
Right End



ASP05
Left End



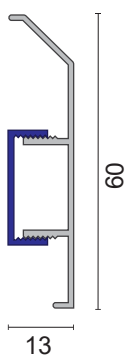
ASP06
Inner
Corner



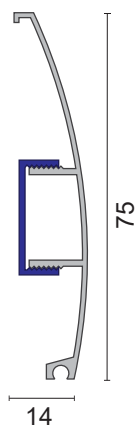
It is produced from PVC and painted in aluminum color.



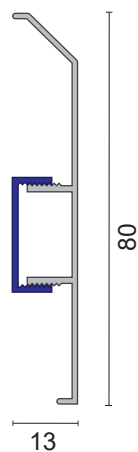
ASP60



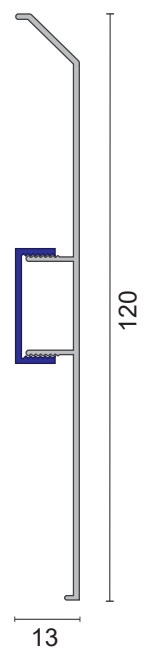
ASP75



ASP80



ASP120





FUGA NAIL SKIRTING BOARDS

They are aluminium skirting boards with a height of 70,94 mm that can be applied with adhesive or screws.



DECORATIVE SKIRTING BOARDS

130 mm and 150 mm height mounted with sub-carrier system removable when needed and thanks to the flexible bottom PVC insert, tolerant of minor elevation differences and and silicone-free decorative is a skirting system. Corner parts aluminum injection It can be painted with the same color electrostatic paint.

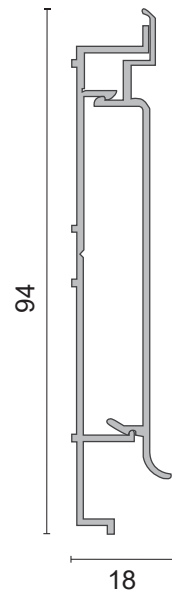
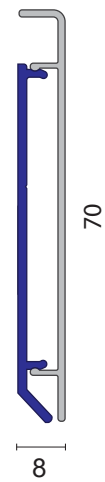
ASP150 FINISHING
ELEMENTS



ASP19
outer corner

ASP94

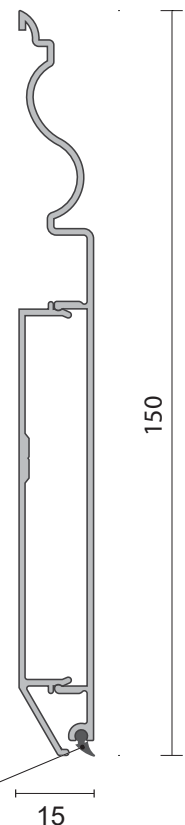
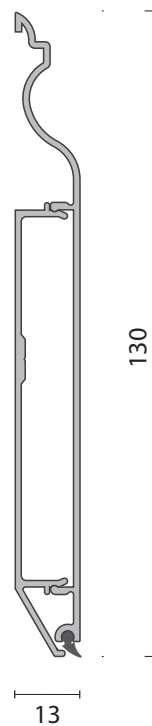
ASP71



ASP 71 Aluminium is ideal for door frame applications.

ASP150

ASP130



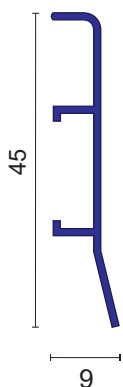


PVC SKIRTINGS

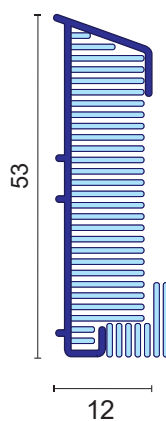
These are PVC baseboards with a height of 45,53,80,100 mm that can be applied with adhesive or screws.



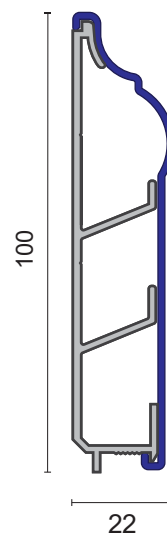
PS45



PS53



DC101



DC101 FINISHING
ELEMENTS



DC019
right end



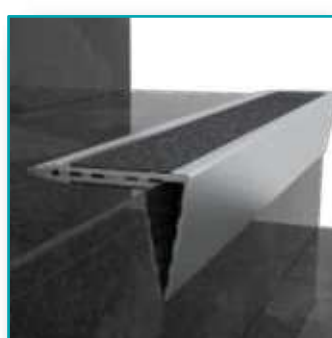
DC020
left end



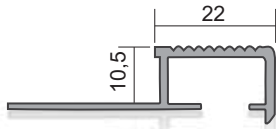
DC021
outer corner



DC022
inner corner

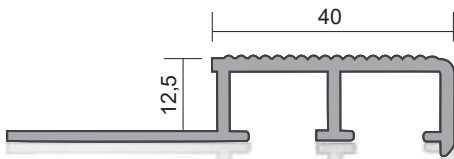


stair nosing profiles



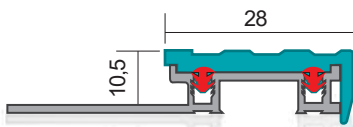
SB10 STAIR NOSING PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit applications decorative stair nosing profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



SB1012 STAIR NOSING PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit applications decorative stair nosing profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised

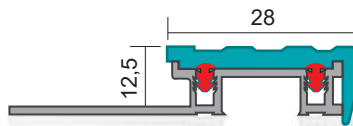


SB11 RUBBER INSERTED STAIR NOSING PROFILE

Lightweight, easy applicable, rubber inserted and fully compatible of ceramic, granit applications decorative stair nosing profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Rubber Insert Colors**: Black, grey, cream and brown



Rubber Insert Colors

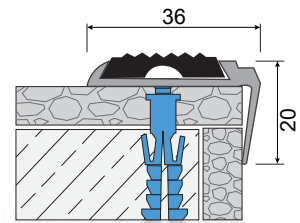
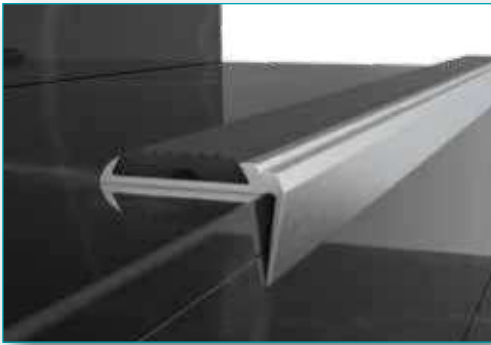
SB1112 RUBBER INSERTED STAIR NOSING PROFILE

Lightweight, easy applicable, rubber inserted and fully compatible of ceramic, granit applications decorative stair nosing profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Rubber Insert Colors**: Black, grey, cream and brown



Rubber Insert Colors

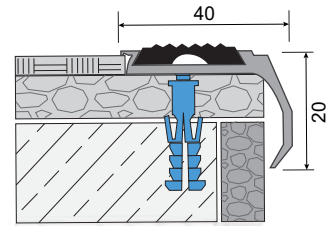

Rubber Insert Colors



MB36 RUBBER INSERTED STAIR NOSING PROFILE

Lightweight, easy applicable, rubber inserted and fully compatible of ceramic, granit applications decorative stair nosing profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised

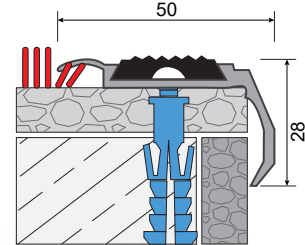
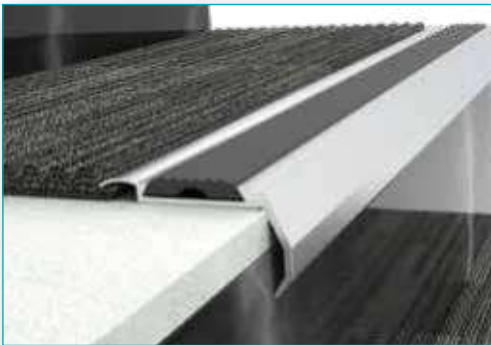
Rubber Insert Colors



MB41 RUBBER INSERTED STAIR NOSING PROFILE

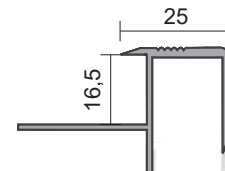
Lightweight, easy applicable, rubber inserted and fully compatible of ceramic, granit applications decorative stair nosing profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised

Rubber Insert Colors



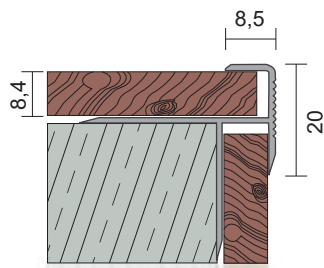
MB50 RUBBER INSERTED STAIR NOSING PROFILE

Lightweight, easy applicable, rubber inserted and fully compatible of carpet applications decorative stair nosing profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



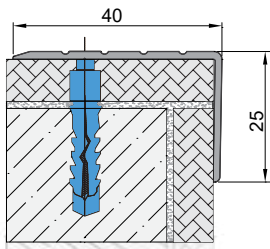
HB25 STAIR NOSING PROFILE

Lightweight, easy applicable, rubber inserted and fully compatible of parquet applications decorative stair nosing profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



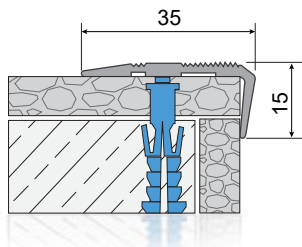
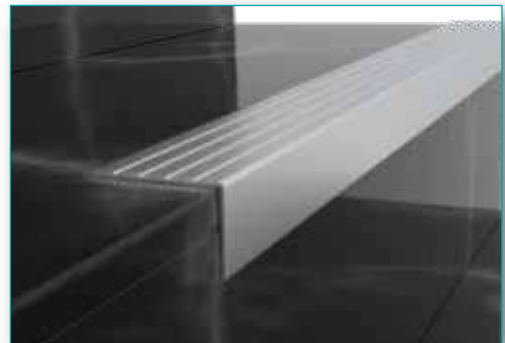
HB18 STAIR NOSING PROFILE

Lightweight, easy applicable, rubber inserted and fully compatible of parquet applications decorative stair nosing profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



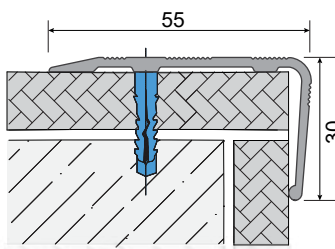
MB40-25 STAIR NOSING PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit applications decorative stair nosing profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



MB35 STAIR NOSING PROFILE

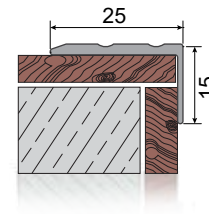
Lightweight, easy applicable and fully compatible of ceramic, granit applications decorative stair nosing profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



MB55-1 STAIR NOSING PROFILE

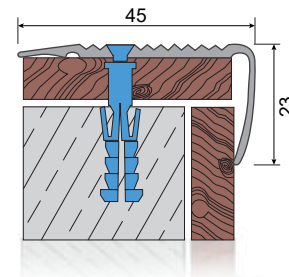
Lightweight, easy applicable and fully compatible of ceramic, granit applications decorative stair nosing profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised





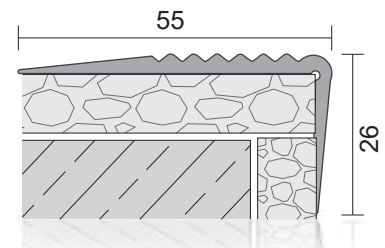
MB25 STAIR NOSING PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit applications decorative stair nosing profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



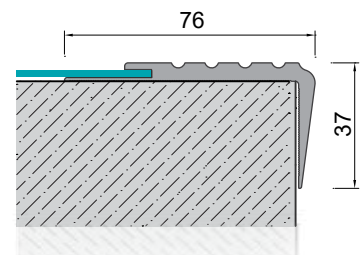
MB45 STAIR NOSING PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit applications decorative stair nosing profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



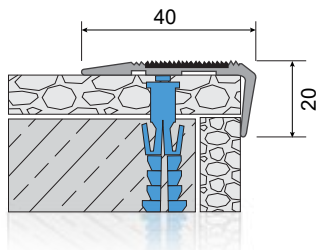
MB55P STAIR NOSING PROFILE

Lightweight, easy applicable and fully compatible of PVC flooring applications decorative PVC stair nosing profiles
Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Various Colors



MB76-2 STAIR NOSING PROFILE

Lightweight, easy applicable and fully compatible of PVC flooring applications decorative PVC stair nosing profiles
Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Various Colors

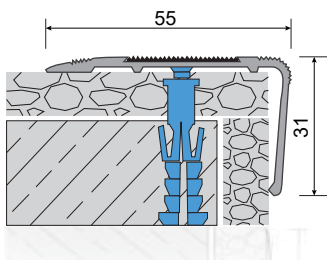


MB40 STAIR NOSING PROFILES WITH ANTI SLIP TAPE

Lightweight, easy applicable and fully compatible of ceramic, granit applications decorative stair nosing profiles with anti slip tape
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised

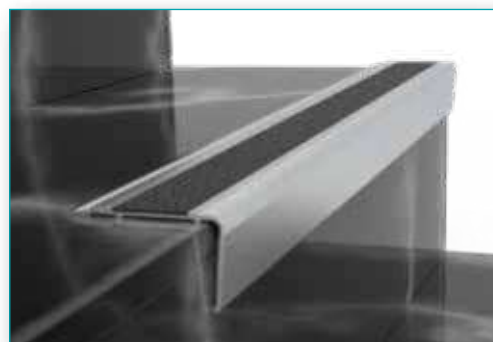


Tape Colors

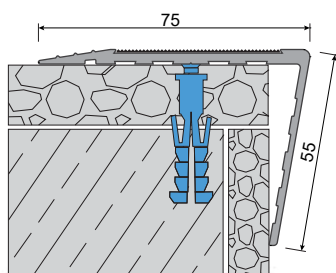


MB55 STAIR NOSING PROFILES WITH ANTI SLIP TAPE

Lightweight, easy applicable and fully compatible of ceramic, granit applications decorative stair nosing profiles with anti slip tape
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised

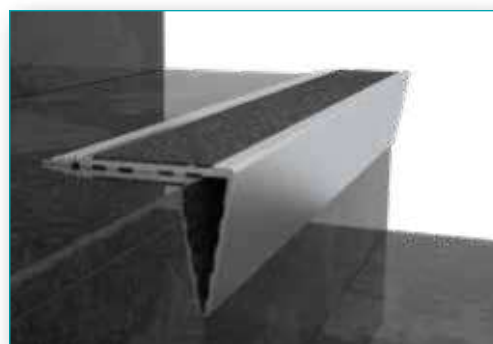


Tape Colors



MB75-2 STAIR NOSING PROFILES WITH ANTI SLIP TAPE

Lightweight, easy applicable and fully compatible of ceramic, granit applications decorative stair nosing profiles with anti slip tape
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



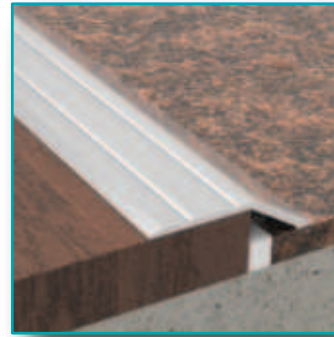
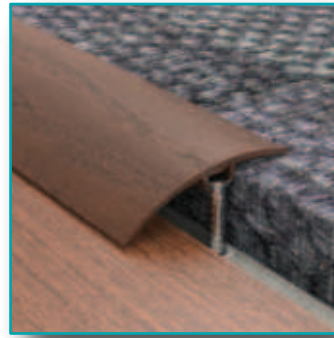
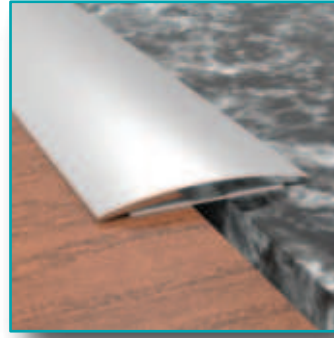
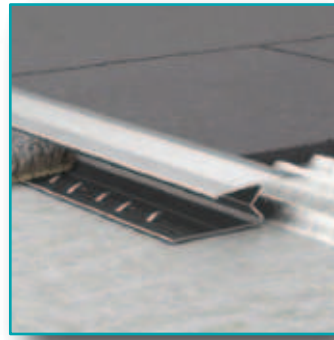
Tape Colors



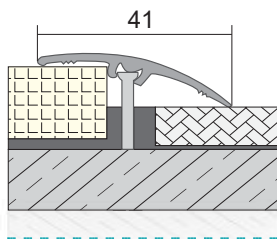
KB19-KB25 ANTI SLIP TAPE

Self adhesive carborandum anti slip tape in 19 mm and 25 mm width
 Method of Application: Adhesive bonded
Length : 25 mt **Color**: Black and grey





transition and elevation difference profiles

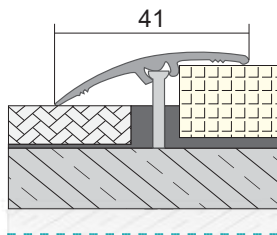


GP 41 ELEVATION DIFFERENCE PROFILE WITH HIDDEN SCREW MOUNTED CHANNEL

Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised

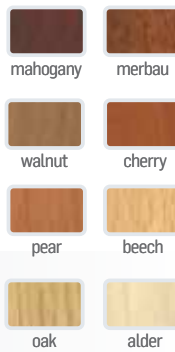


ARV 1007
(hidden screw)

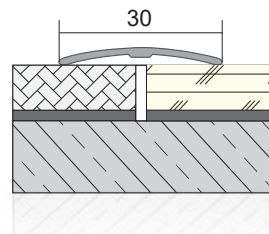
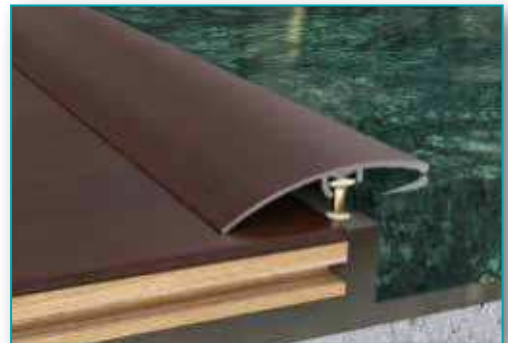


GP 41-A WOODEN FINISH ELEVATION DIFFERENCE PROFILE WITH HIDDEN SCREW MOUNTED CHANNEL

Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Wood pattern

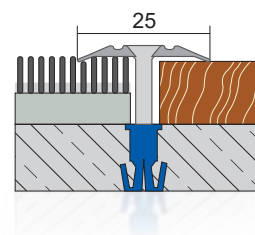


* Product color is representative



GP 01 ELEVATION DIFFERENCE PROFILE

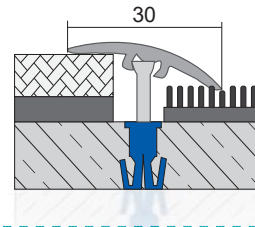
Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



GP 25 ELEVATION DIFFERENCE PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



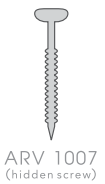
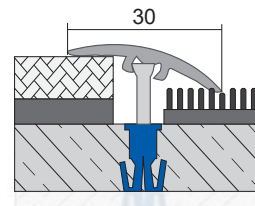


GP 30 ELEVATION DIFFERENCE PROFILE WITH HIDDEN SCREW MOUNTED CHANNEL

Lightweight, easy applicable and fully compatible of ceramic, granit, marble,parquet applications, decorative elevation difference profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt Color: Mat Anodised, Yellow Anodised

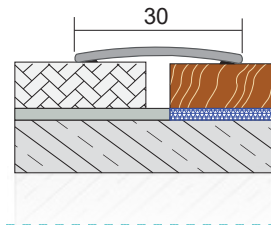


* Product color is representative



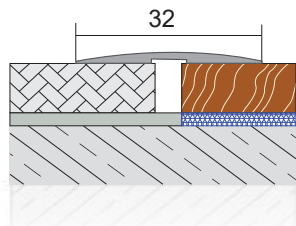
GP 30 WOODEN PATTERN ELEVATION DIFFERENCE PROFILE WITH HIDDEN SCREW MOUNTED CHANNEL

Lightweight, easy applicable and fully compatible of ceramic, granit, marble,parquet applications, decorative elevation difference profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt Color: Wood pattern



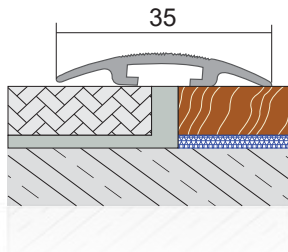
GP 30-2 ELEVATION DIFFERENCE PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
Method of Application: Adhesive bonded
Length : 2,70 mt Color: Mat Anodised, Yellow Anodised



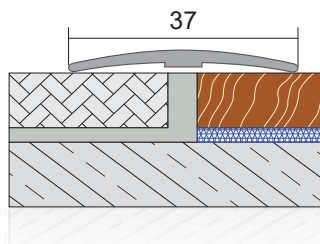
GP 32 ELEVATION DIFFERENCE PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
Method of Application: Adhesive bonded
Length : 2,70 mt Color: Mat Anodised, Yellow Anodised



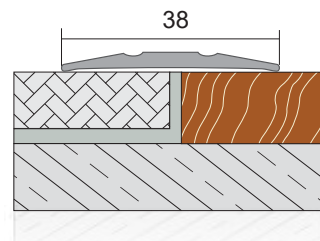
GP 35 ELEVATION DIFFERENCE PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble,parquet applications, decorative elevation difference profiles
 Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



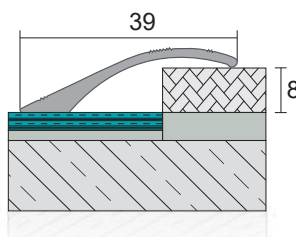
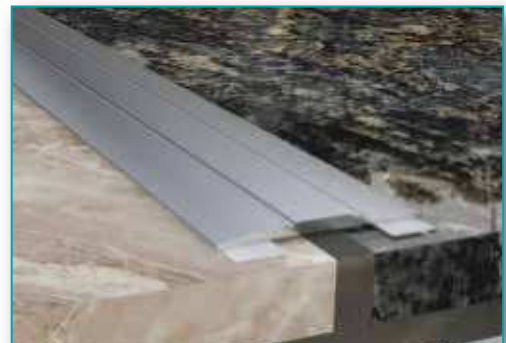
GP 37 ELEVATION DIFFERENCE PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble,parquet applications, decorative elevation difference profiles
 Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



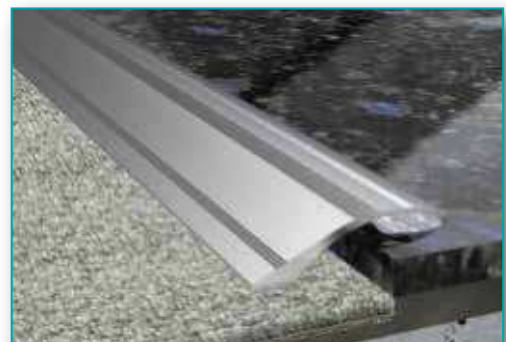
GP 38 ELEVATION DIFFERENCE PROFILE

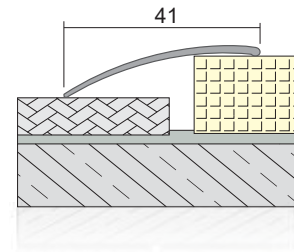
Lightweight, easy applicable and fully compatible of ceramic, granit, marble,parquet applications, decorative elevation difference profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



GP 39 ELEVATION DIFFERENCE PROFILE

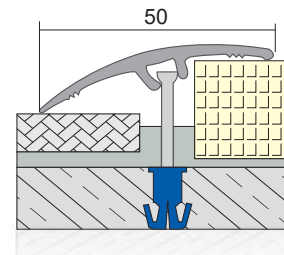
Lightweight, easy applicable and fully compatible of ceramic, granit, marble,parquet applications, decorative elevation difference profiles
 Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised





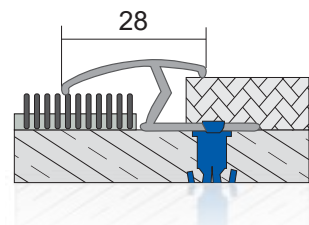
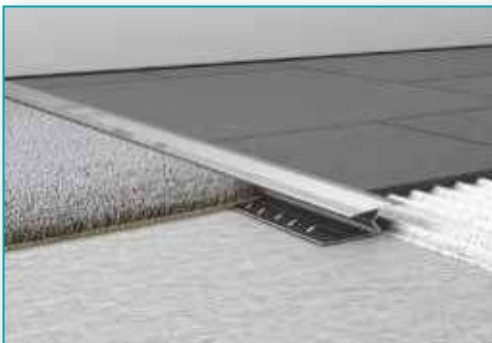
GP 40 ELEVATION DIFFERENCE PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
 Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



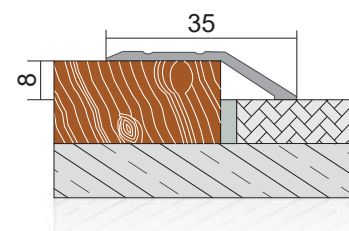
GP 50 ELEVATION DIFFERENCE PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



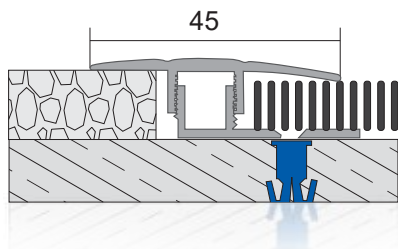
KF28 ELEVATION DIFFERENCE PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



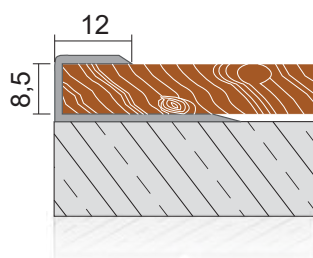
KF35 ELEVATION DIFFERENCE PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
 Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



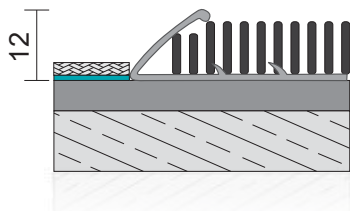
KF45 ELEVATION DIFFERENCE PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble, parquet applications, decorative elevation difference profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



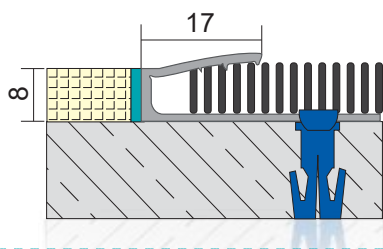
HB12 CARPET AND PARQUET TRIM PROFILE

Lightweight, easy applicable and fully compatible of carpet, parquet applications, decorative etrim profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



HB14 CARPET TRIM PROFILE

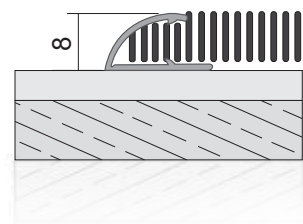
Lightweight, easy applicable and fully compatible of carpet applications, decorative trim profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



HB17 CARPET TRIM PROFILE

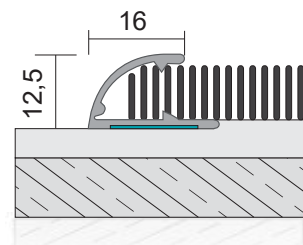
Lightweight, easy applicable and fully compatible of carpet applications, decorative trim profiles
Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised





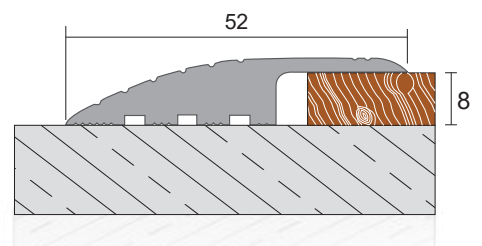
HB15 CARPET TRIM PROFILE

Lightweight, easy applicable and fully compatible of carpet applications, decorative trim profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



HB16 CARPET TRIM PROFILE

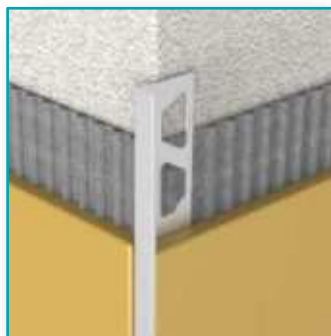
Lightweight, easy applicable and fully compatible of carpet applications, decorative trim profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised



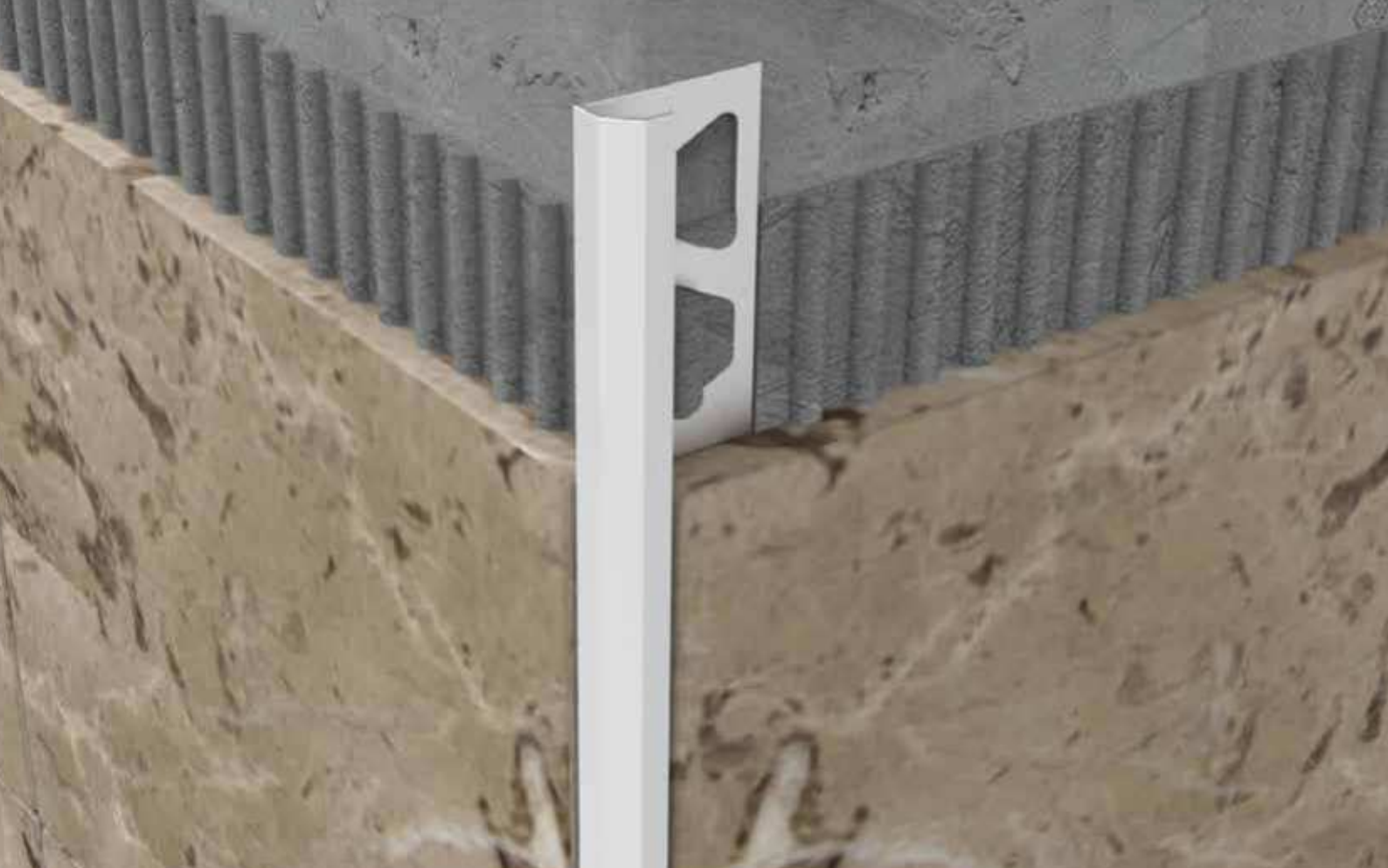
HB19 PARQUET TRIM PROFILE

Aluminium parquet trim profiles
 Method of Application: Adhesive bonded or screw mounted
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised





ceramic corner trim & terazzo profiles



EXTERNAL CERAMIC TRIM PROFILES

Aluminium external ceramic trim profiles

Length: 2,70 m

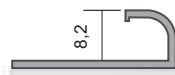
Color: Mat Anodised, Yellow Anodised, Polished Anodised



» SB 0206



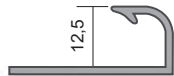
» SB 0201



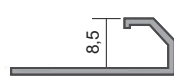
» SB 02



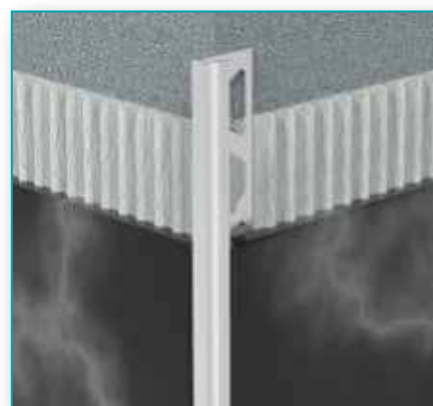
» SB 03

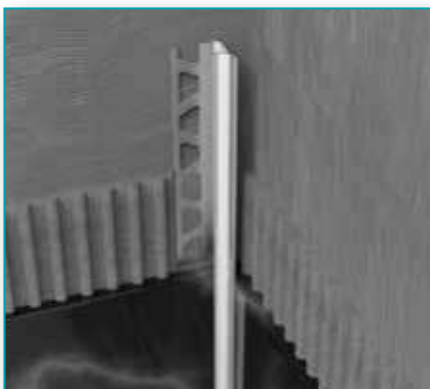


» SB 12



» SB 04



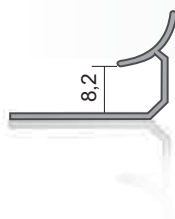


İK 08 8 MM INTERNAL CERAMIC TRIM PROFILES

Aluminium Internal Ceramic Trim Profiles

Length: 2,70 m

Color: Mat Anodised, Yellow Anodised, Polished Anodised



İK 10 10 MM INTERNAL CERAMIC TRIM PROFILES

Aluminium Internal Ceramic Trim Profiles

Length: 2,70 m

Color: Mat Anodised, Yellow Anodised, Polished Anodised

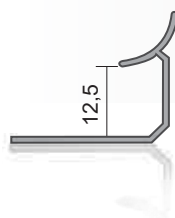


İK 12 12 MM INTERNAL CERAMIC TRIM PROFILES

Aluminium Internal Ceramic Trim Profiles

Length: 2,70 m

Color: Mat Anodised, Yellow Anodised, Polished Anodised

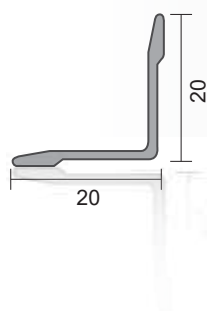


İK 20 20 MM INTERNAL CERAMIC TRIM PROFILES

Aluminium Internal Ceramic Trim Profiles

Length: 2,70 m

Color: Mat Anodised, Yellow Anodised

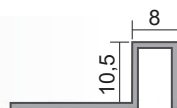


SB 05 CERAMIC TRIM PROFILES

Aluminium ceramic trim profiles

Length: 2,70 m

Color: Mat Anodised, Yellow Anodised, Polished Anodised



SB 06 CERAMIC TRIM PROFILES

Aluminium ceramic trim profiles

Length: 2,70 m

Color: Mat Anodised, Yellow Anodised, Polished Anodised



SB 07 CERAMIC TRIM PROFILES

Aluminium ceramic trim profiles

Length: 2,70 m

Color: Mat Anodised, Yellow Anodised, Polished Anodised

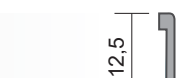


SB 08 CERAMIC TRIM PROFILES

Aluminium ceramic trim profiles

Length: 2,70 m

Color: Mat Anodised, Yellow Anodised, Polished Anodised

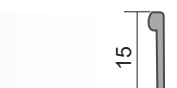


SB 15 CERAMIC TRIM PROFILES

Aluminium ceramic trim profiles

Length: 2,70 m

Color: Mat Anodised, Yellow Anodised, Polished Anodised

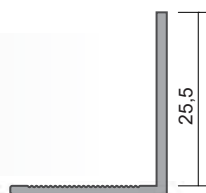


SB 07-25 CERAMIC TRIM PROFILES

Aluminium ceramic trim profiles

Length: 2,70 m

Color: Mill Finish, Mat Anodised, Yellow Anodised



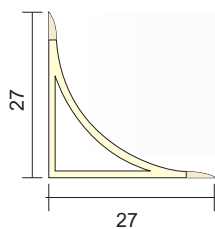
SB09 CERAMIC ELEVATION DIFFERENCE PROFILES

Aluminium ceramic elevation difference trim profiles

Length: 2,70 m

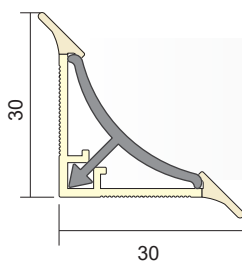
Color: Mat Anodised, Yellow Anodised





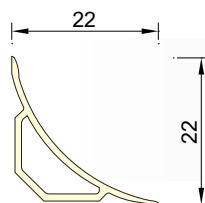
ik27 BATHTUB EDGE PROFILE

Lightweight, easy applicable and fully compatible of bath, kitchen applications, decorative pvc bathtub edge profiles
Method of Application : Adhesive bonded
Length : 2,50 - 2,70 - 3,00 mt Color: White



ik30 BATHTUB EDGE PROFILE

Lightweight, easy applicable and fully compatible of bath, kitchen applications, decorative two part pvc bathtub edge profiles
Method of Application : Adhesive bonded **Length : 2,70 mt**
Middle Part Color: White(PVC) and Mat or polished anodised (Aluminium)



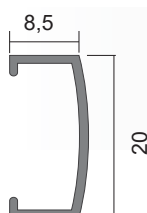
ik22 BATHTUB EDGE PROFILE

Lightweight, easy applicable and fully compatible of bath, kitchen applications, decorative pvc bathtub edge profiles
Method of Application : Adhesive bonded
Length : 2,70 mt Color: White



DP03 KERB PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble applications, decorative kerb profiles
Method of Application: Adhesive bonded
Length : 2,70 mt Color: Mat Anodised, Yellow Anodised, Polished Anodised

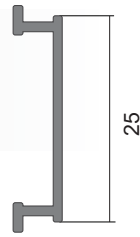


DP04 KERB PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble applications, decorative kerb profiles
Method of Application: Adhesive bonded
Length : 2,70 mt Color: Mat Anodised, Yellow Anodised, Polished Anodised

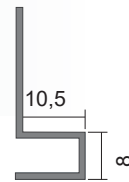
DP05 KERB PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble applications, decorative kerb profiles
Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised, Polished Anodised



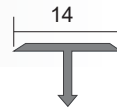
SB05 KERB PROFILE

Lightweight, easy applicable and fully compatible of ceramic, granit, marble applications, decorative kerb profiles
Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised, Polished Anodised



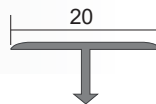
SB14 TRANSITION PROFILE

Lightweight, easy applicable and fully compatible of parquet, ceramic, granit, marble applications, decorative profiles
Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised, Polished Anodised



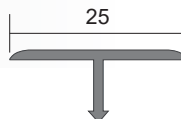
SB20 TRANSITION PROFILE

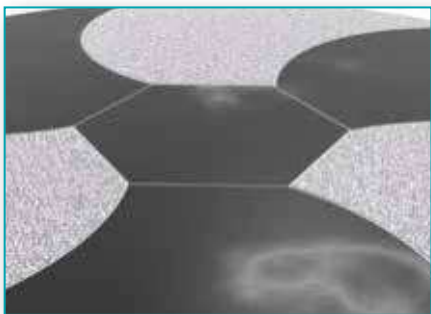
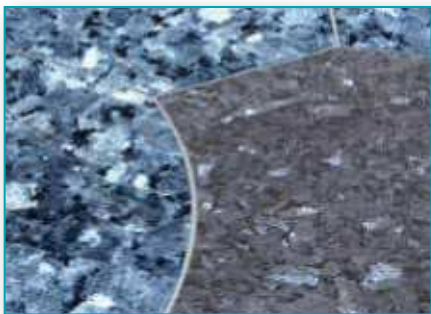
Lightweight, easy applicable and fully compatible of parquet, ceramic, granit, marble applications, decorative profiles
Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised, Polished Anodised



SB25 TRANSITION PROFILE

Lightweight, easy applicable and fully compatible of parquet, ceramic, granit, marble applications, decorative profiles
Method of Application: Adhesive bonded
Length : 2,70 mt **Color**: Mat Anodised, Yellow Anodised, Polished Anodised

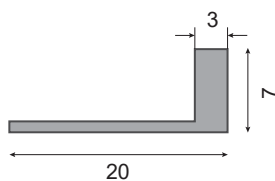




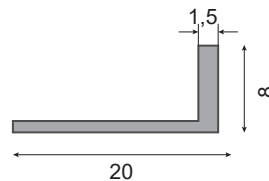
TERRAZO PROFILES

Aluminium terrazzo profiles
Length: 3 m
Color : Non Anodised Aluminium

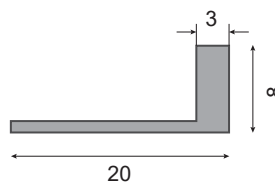
» SB 51



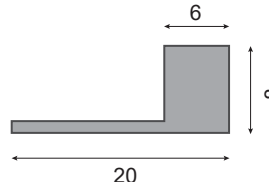
» SB 52



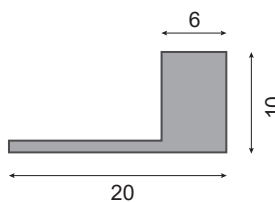
» SB 53



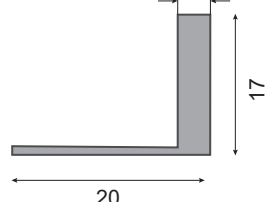
» SB 54



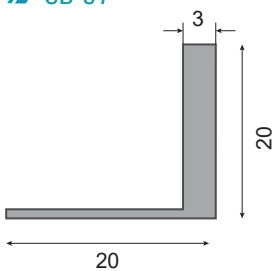
» SB 55



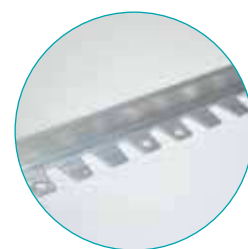
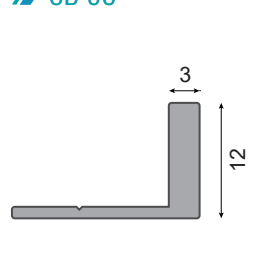
» SB 56



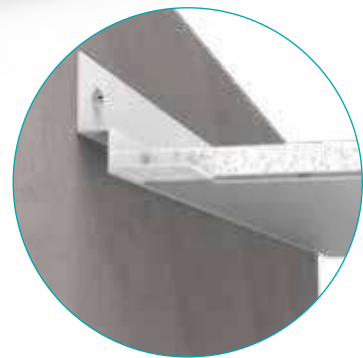
» SB 57



» SB 58



*Produced with special holes
for application of circular areas*



DRYWALL FUGA PROFILES

Aluminium drywall fuga corner and trim profiles

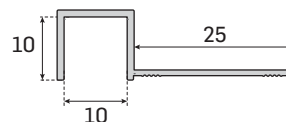
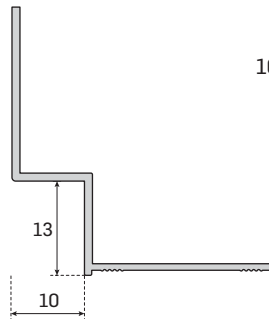
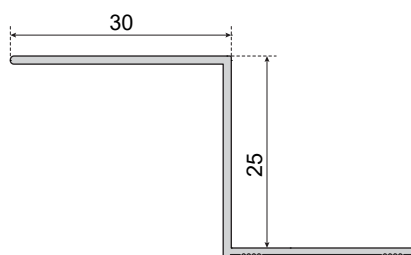
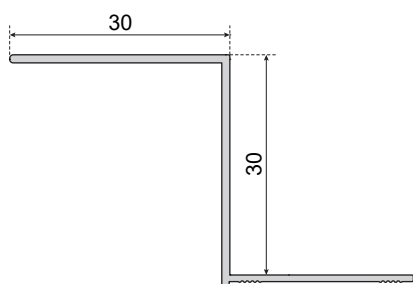
Length: 3,00 m **Color:** Standard production color RAL9016 and can be produced in special RAL colors

» ARF 10-2

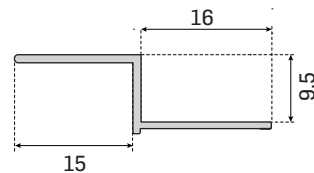
» ARF 10-1

» ARF 30-1

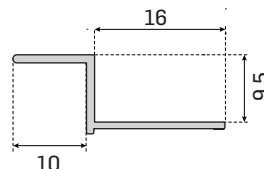
» ARF 30



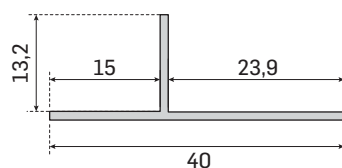
» ARF 15



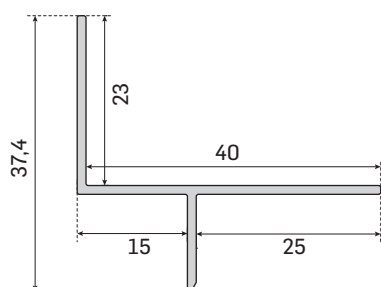
» ARF 10

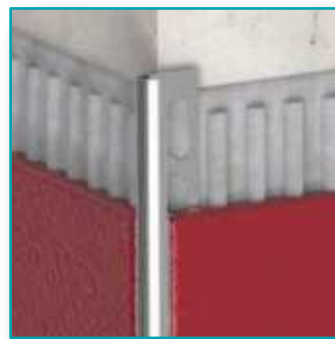
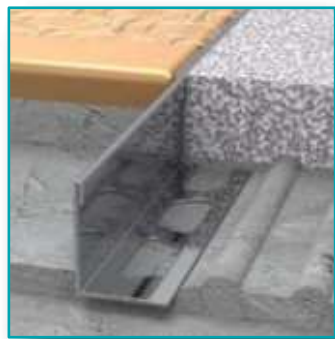
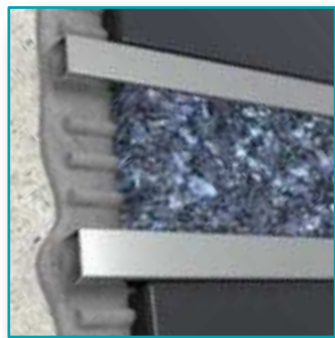


» ARF 40x15



» ARF 40x23x15





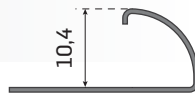
stainless steel profiles

SB03-01 10 MM STAINLESS STEEL CERAMIC CORNER PROFILE

Length: 2,50 m

Color: Satine or Polished

Produced as 304 grade stainless steel and thickness is 0,6 mm

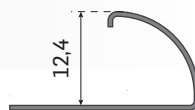


SB12-01 12 MM STAINLESS STEEL CERAMIC CORNER PROFILE

Length: 2,50 m

Color: Satine or Polished

Produced as 304 grade stainless steel and thickness is 0,6 mm

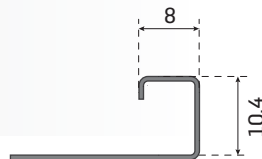


SB05-01 STAINLESS STEEL CERAMIC CORNER PROFILE

Length: 2,50 m

Color: Satine or Polished

Produced as 304 grade stainless steel and thickness is 0,6 mm

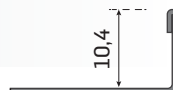


SB07-01 10 MM STAINLESS STEEL CERAMIC TRIM PROFILE

Length: 2,50 m

Color: Satine or Polished

Produced as 304 grade stainless steel and thickness is 0,6 mm

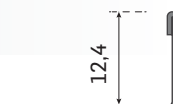


SB08-01 12 MM STAINLESS STEEL CERAMIC TRIM PROFILE

Length: 2,50 m

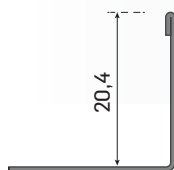
Color: Satine or Polished

Produced as 304 grade stainless steel and thickness is 0,6 mm





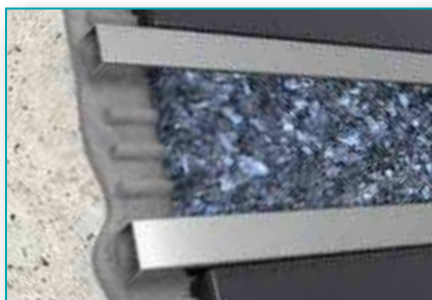
SB08-20 20 MM STAINLESS STEEL CERAMIC TRIM PROFILE



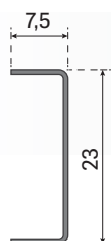
Length: 2,50 m

Color: Satine or Polished

Produced as 304 grade stainless steel and thickness is 0,6 mm



DP05-01 23 MM STAINLESS STEEL FUGA PROFILE



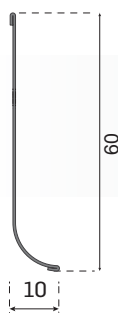
Length: 2,50 m

Color: Satine or Polished

Produced as 304 grade stainless steel and thickness is 0,6 mm



ASP60-01 STAINLESS STEEL SKIRTING



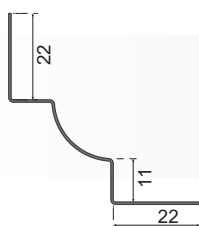
Method of Application: Adhesive bonded

Length : 2,50 mt **Color:** Satine or Polished

Produced as 304 grade stainless steel and thickness is 0,6 mm



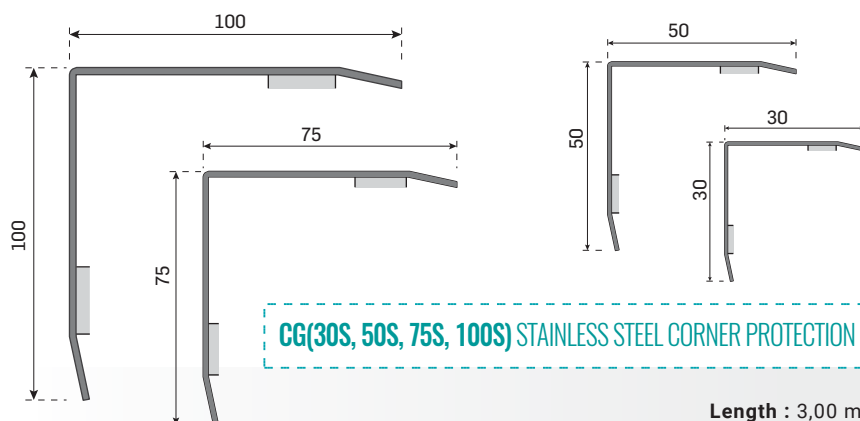
IK10-02 STAINLESS STEEL INTERNAL CORNER PROFILE



Length : 2,50 mt

Color: Satine or Polished

Produced as 304 grade stainless steel and thickness is 0,6 mm



CG(30S, 50S, 75S, 100S) STAINLESS STEEL CORNER PROTECTION

Length : 3,00 mt

Color: Satine or Polished

Produced as 304 grade stainless steel and thickness is 1 mm





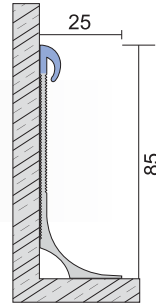
elastic PVC skirtings

PS 85 ELASTIC PVC SKIRTINGS

Economic Elastic PVC Skirting with Cap

Method of Application: Adhesive bonded

Length: 25 mt **Color:** Can be produced in various colors

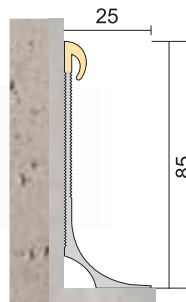


PS 86 ELASTIC PVC SKIRTINGS

Elastic PVC Skirting with Cap

Method of Application: Adhesive bonded

Length: 25 mt **Color:** Can be produced in various colors

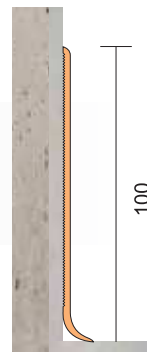


PS 10010 SIT-ON PVC SKIRTINGS

PVC skirting system for PVC flooring

Method of Application: Adhesive bonded

Length: 25 mt **Color:** Can be produced in various colors

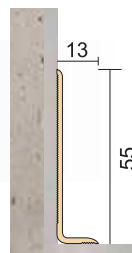


PS 5510 ELASTIC PVC SKIRTINGS

PVC skirting system for PVC flooring

Method of Application: Adhesive bonded

Length: 50 mt **Color:** Can be produced in various colors

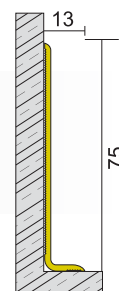


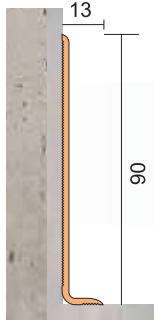
PS 7510 ELASTIC PVC SKIRTINGS

PVC skirting system for PVC flooring

Method of Application: Adhesive bonded

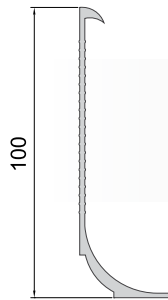
Length: 50 mt **Color:** Can be produced in various colors





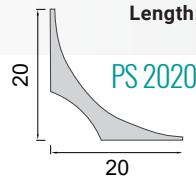
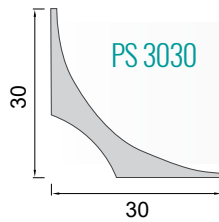
PS 9010 ELASTIC PVC SKIRTINGS

PVC skirting system for PVC flooring
Method of Application: Adhesive bonded
Length: 50 mt **Color:** Can be produced in various colors



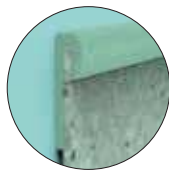
PS 100 ELASTIC PVC SKIRTINGS

PVC skirting system for PVC flooring
Method of Application: Adhesive bonded
Length: 50 mt **Color:** Can be produced in various colors



PS 3030 & PS2020 COVE FORMER

Cove Former system for PVC flooring
Method of Application: Adhesive bonded
Length: 50 mt **Color:** Can be produced in various colors



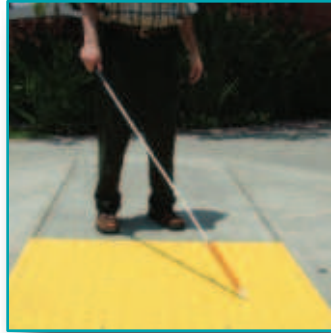
PS28
Cap Profile (Can be produced in various colors)

PS0004
4 mm Welding Rod



E L A S T I C
P V C
S K I R T I N G S

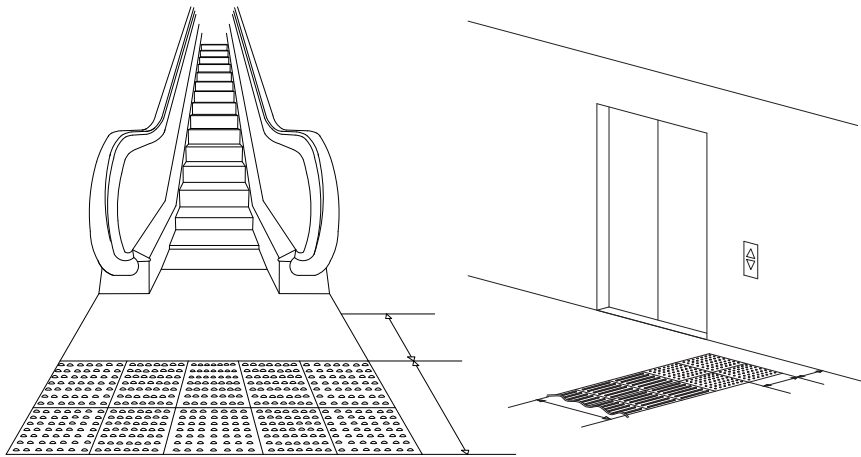




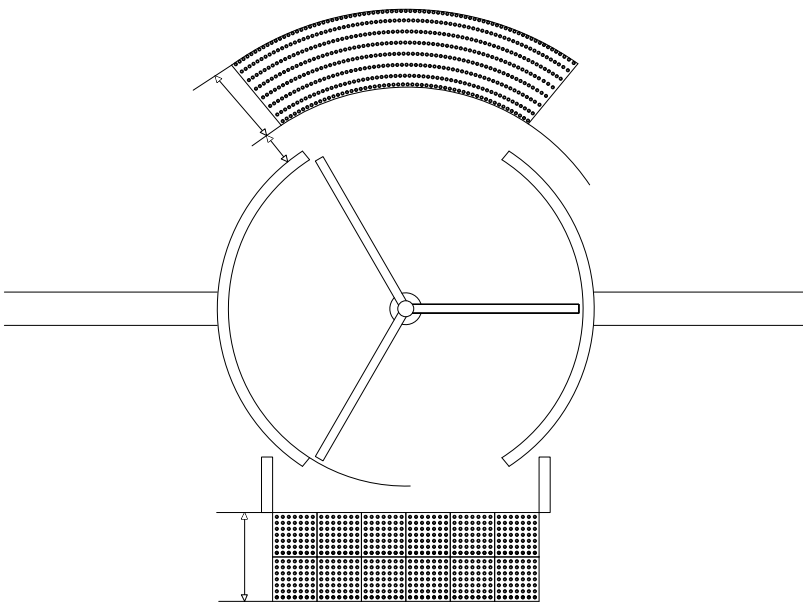
tactile ground surface indicators

TACTILE GROUND SURFACE INDICATORS

The sensible surfaces are designed for the effective use of public spaces for visually impaired or low vision individuals. First used in Japan in 1965, tactile paving is used all over the world to help visually impaired people to travel alone. Tactile pavings should be designed and implemented in a simple, logical and consistent order.

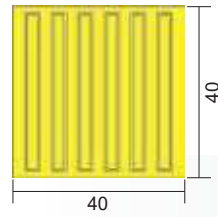


Traces should be easily distinguished from their surroundings and adjacent surfaces by visual contrasts and elevated sensible profiles. It should also be easily distinguishable from each other at stops and walking areas.

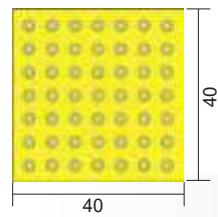


According to TS ISO 23599, the dome and cones are parallel to the main direction of movement or 45 degrees cross-grid and also heights should be 4 to 5 mm.

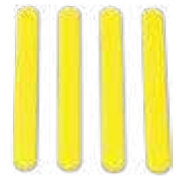
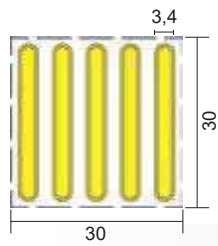




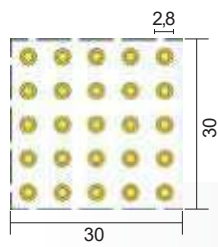
ARY 001 40 x 40 cm TPU Directional Surface



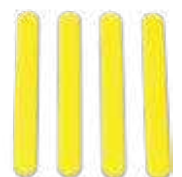
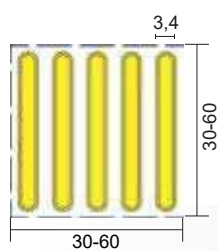
ARY 002 40 x 40 cm TPU Warning Surface



ARY 003 TPU Directional Surface - Self Adhesive



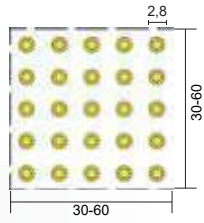
ARY 004 28 mm TPU Warning Surface - Self Adhesive



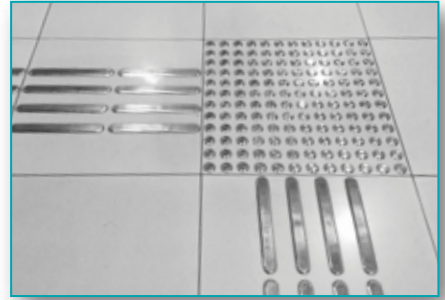
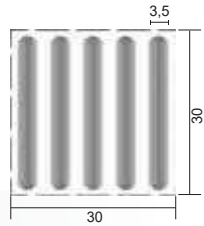
ARY 005 TPU Directional Surface With Pin



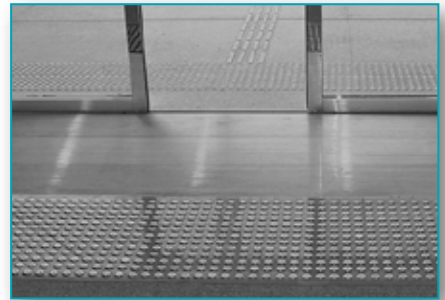
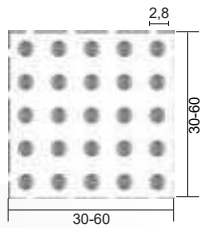
ARY 006 28 mm TPU Warning Surface With Pin



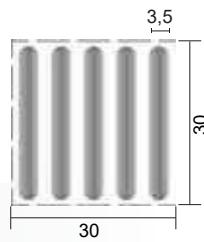
ARY 007 Stainless Steel Directional Surface - Self Adhesive



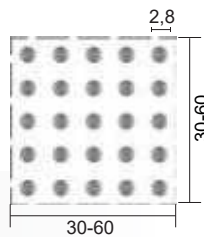
ARY 008 28 mm Stainless Steel Warning Surface - Self Adhesive

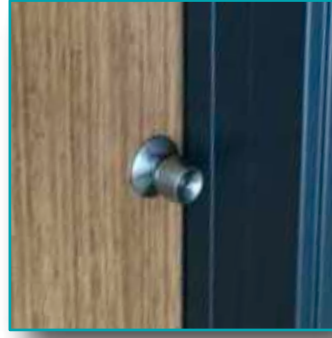


ARY 009 Stainless Steel Directional Surface With Pin











ARY 010 28 mm Stainless Steel Warning Surface With Pin










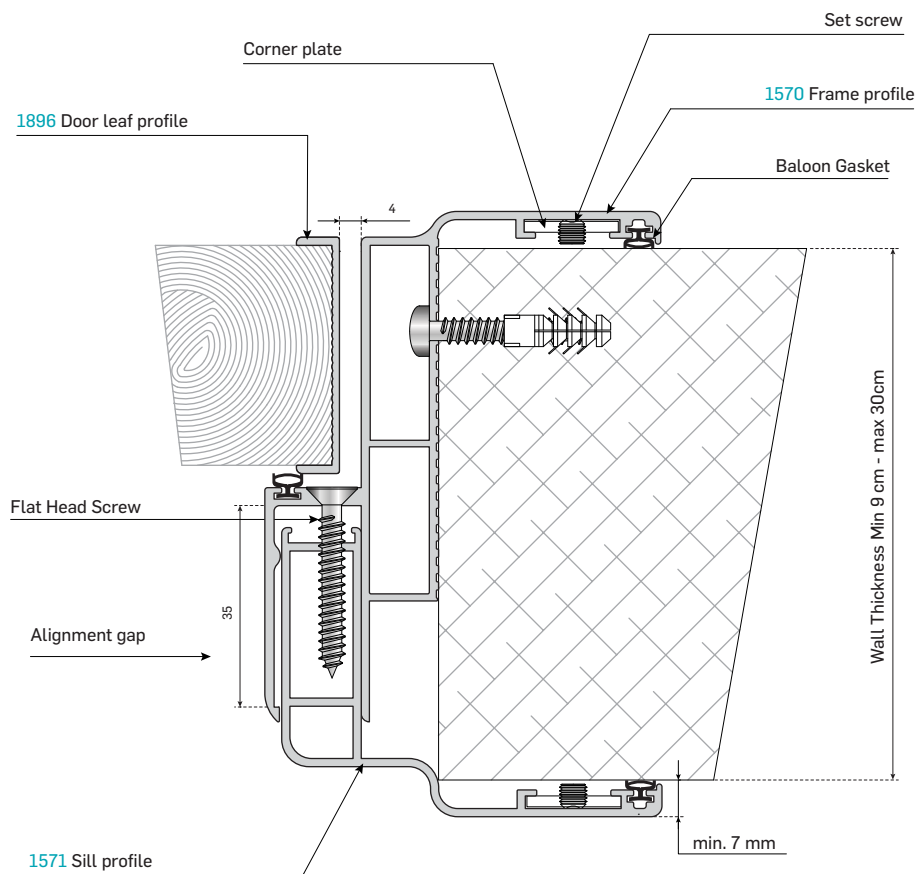
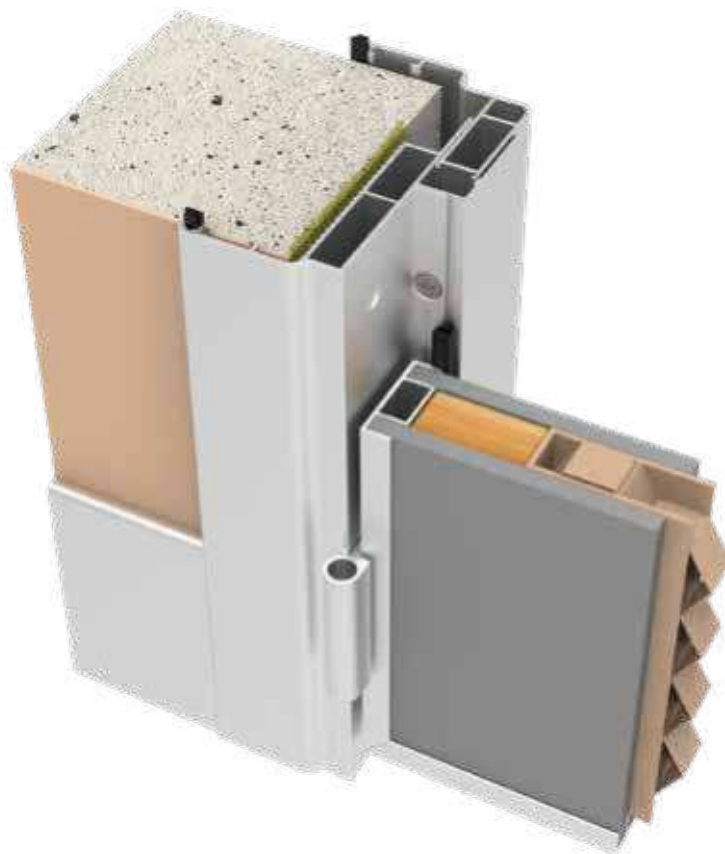
arfen adjustable door frames

ADJUSTABLE DOOR FRAME PROFILES				
FIGURE	PRODUCT CODE	PRODUCT NAME	DOOR TYPE AND WALL THICKNESS	WEIGHT (Kg/mt)
	1570	Frame profile	Suitable for all type of doors.	1,340
	1571	Sill profile	K1 - 95 mm / 125 mm	0,800
	1617	Sill profile	K2 - 125 mm / 155 mm K5 - 215 mm / 245 mm	1,050
	1619	Sill profile	K3 - 155 mm / 185 mm K6 - 245 mm / 275 mm	1,340
	1633	Sill profile	K4 - 185 mm / 215 mm K7 - 275 mm / 305 mm	1,610
	1581	Sill adjunction profile	K5 - 215 mm / 245 mm K6 - 245 mm / 275 mm K7 - 275 mm / 305 mm	0,690
	1896	Door leaf profile	Suitable for all type of doors.	0,200
	1572	Door leaf profile	Suitable for all type of doors.	0,436



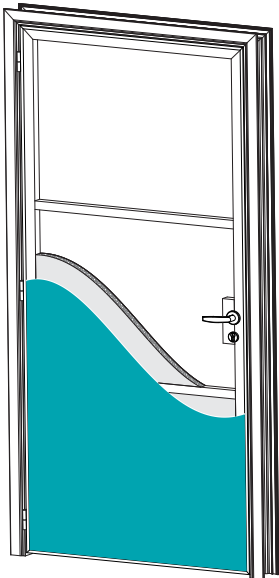
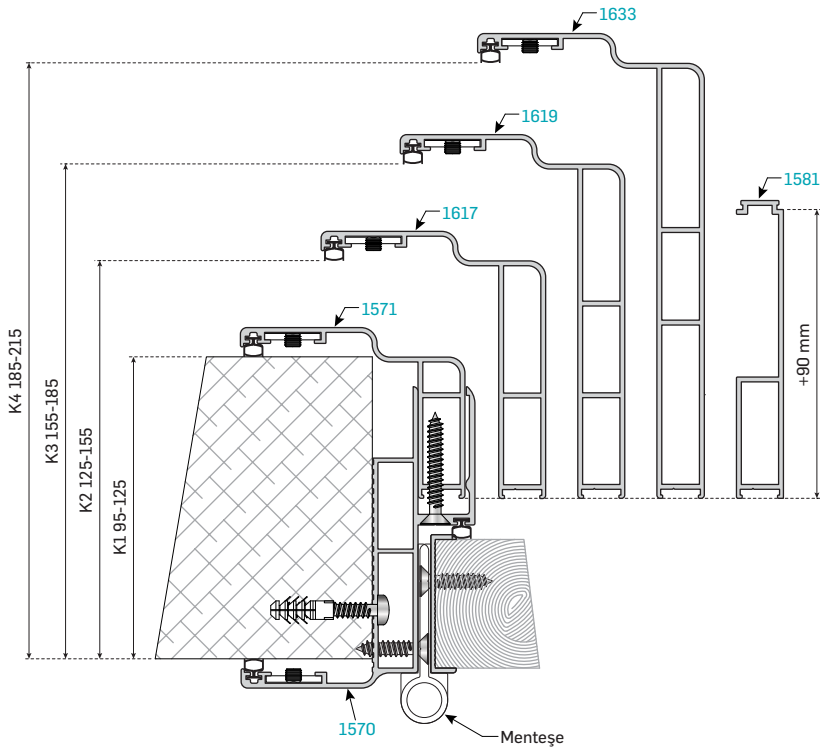
ACCESSORIES OF ADJUSTABLE DOOR FRAMES			
FIGURE	CODE	PRODUCT NAME	PCS PER PACKAGE
	122.0014	Corner Plate	100 pcs
	204.8040	Balloon Gasket	250 mt / roll
	123.0090	Set screw	100 pcs
	123.0091	Flat Head Screw (4,9 x 35 mm)	100 pcs
	123.0092	Flat Head Screw (4,9 x 25 mm)	100 pcs

Arfen adjustable door frame profiles can be supplied with decor and color specifications such as; anodized coating, electrostatic paint, wood decor coating and pvc coating. Fully compatible with architectural design with louvres and skirting profiles' accessories. It offers easy application of sliding door models.



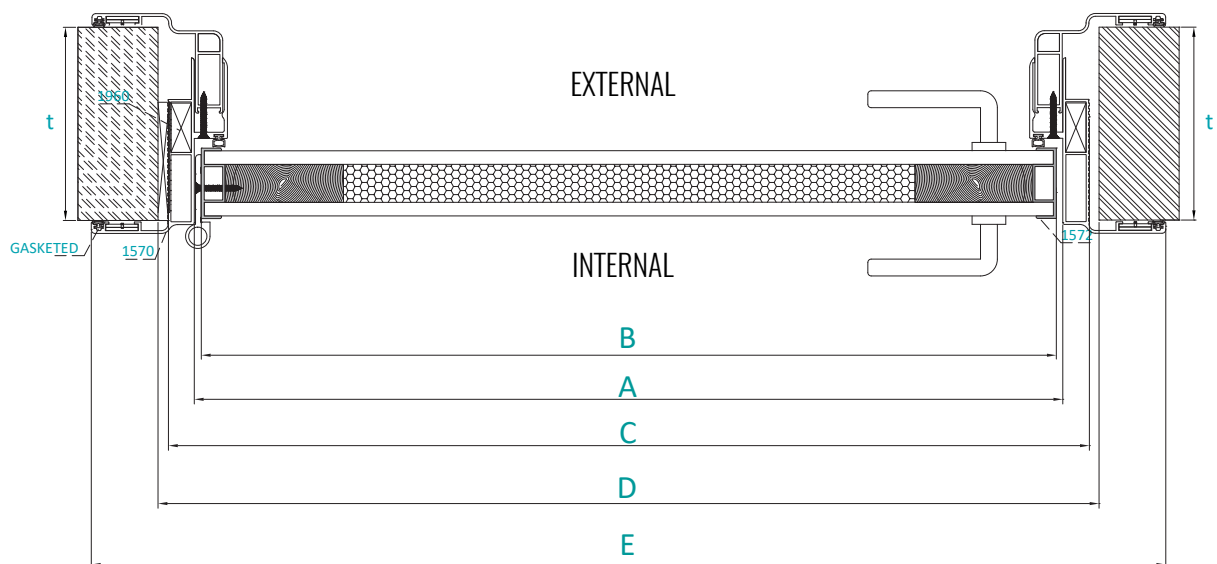
ADJUSTABLE DOOR FRAMES

Esthetics, functional, lightweight
 Easy shipment and installation
 Economic and durable
 Adjustable door frame for covering wall defects
 Sill profile options in different dimensions
 Sound absorbing gasket application
 Surface Resistance
 Compatible with all kinds of door accessories
 In comparison with Conventional Doors; High scratch resistance
 Resistant to Chemical cleaning products, moisture, harsh conditions and antibacterial
 Unique compatibility with painted and anodized surfaces and other aluminum components
 Optional guillotine application



Door Type	Profile No	Wall Thickness
K1	1570 + 1571	95 mm/125 mm
K2	1570 + 1617	125 mm/155 mm
K3	1570 + 1619	155 mm/185 mm
K4	1570 + 1633	185 mm/215 mm
K5	1570 + 1581 + 1617	215 mm/245 mm
K6	1570 + 1581 + 1619	245 mm/275 mm
K7	1570 + 1581 + 1633	275 mm/305 mm





Frame inner width : A

Door leaf width : B

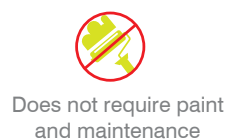
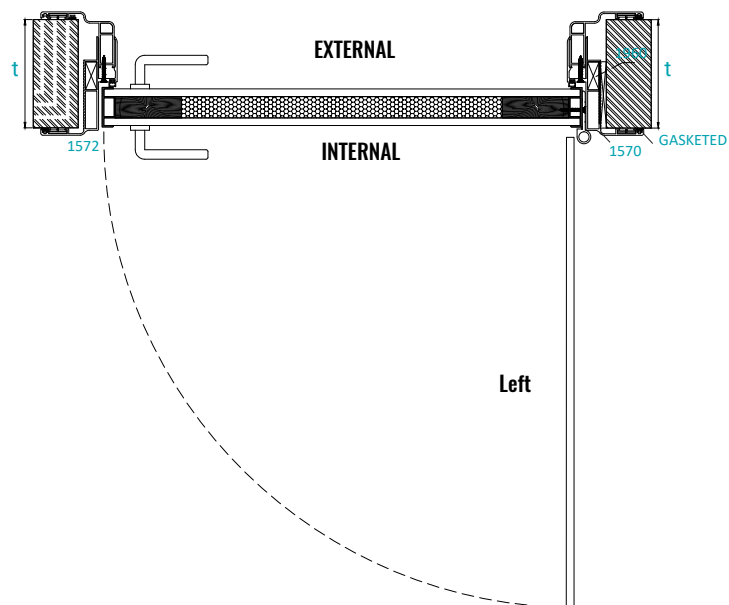
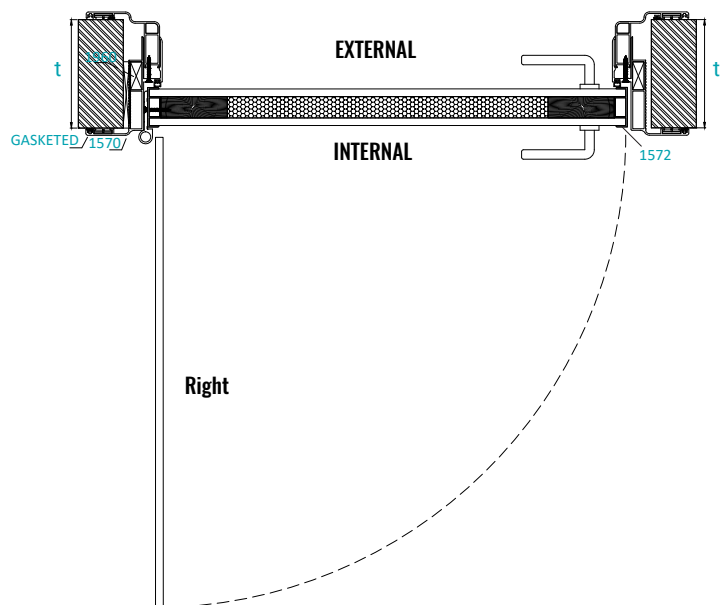
Frame outer width : C

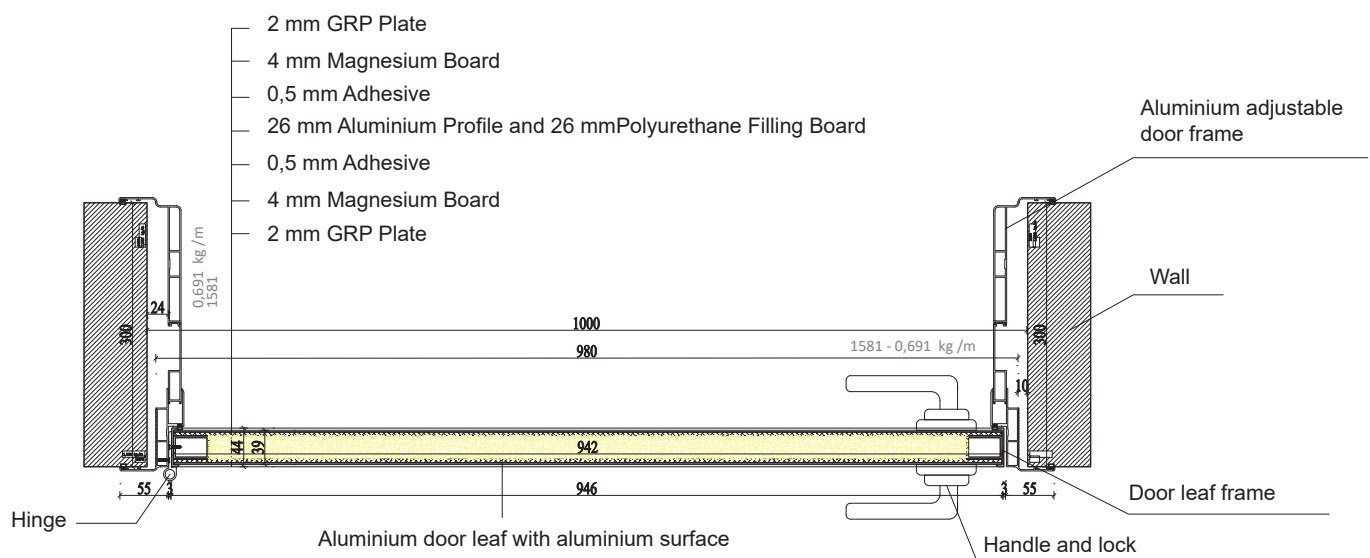
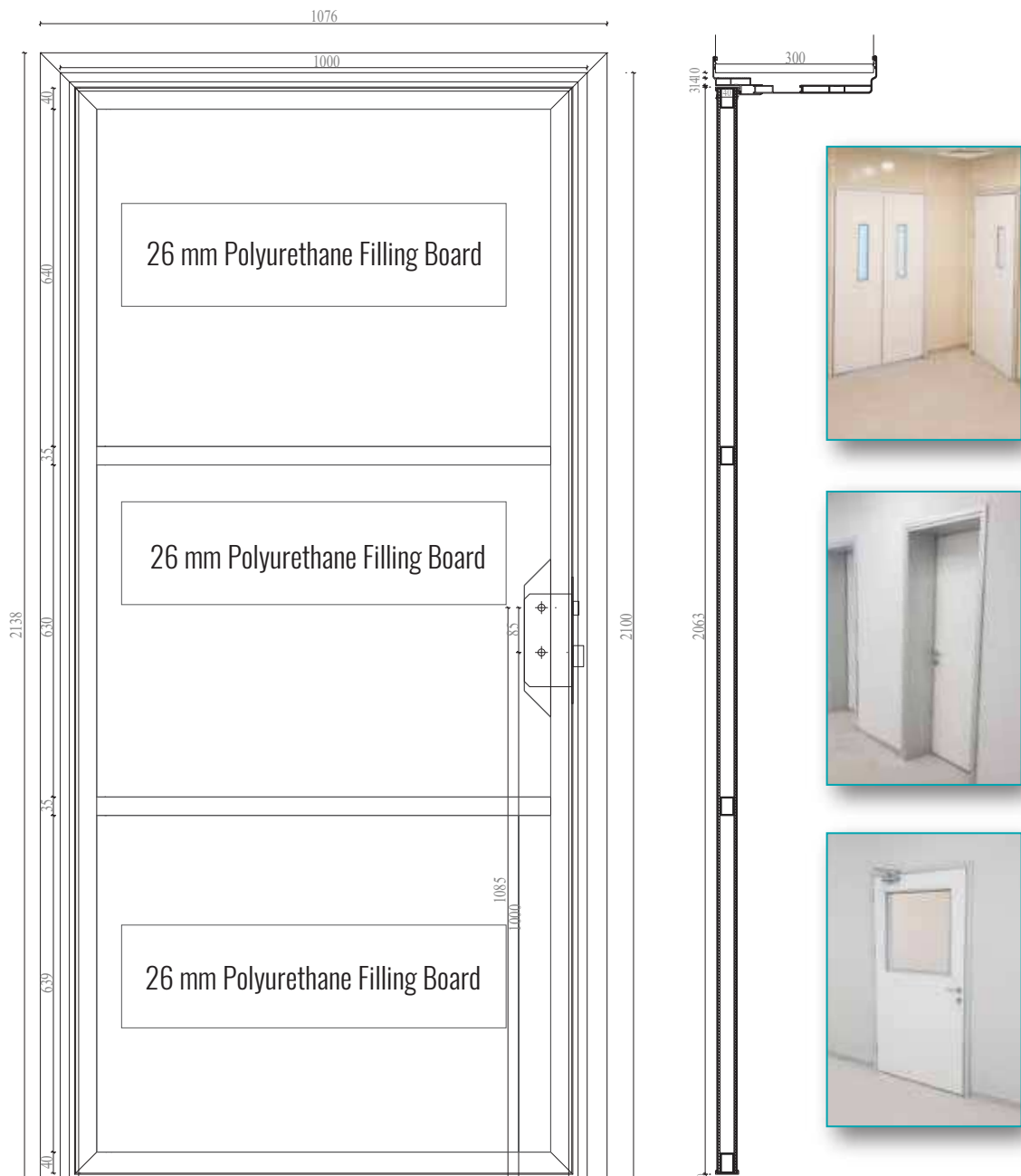
Wall thickness : D

Sill outer width : E

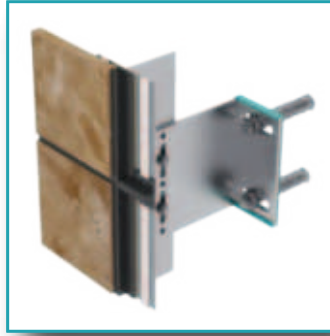
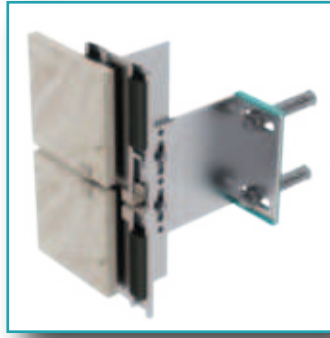
Wall thickness: t

Note: The ideal size for the foam gap should be between 5 mm and 10 mm on one side
We recommend that you pay attention to these gaps when taking measurements





PLAN / GRP DOOR 100x210



mechanic facade systems

MULTI CLIPS CERAMIC FACADE SYSTEM

Clips are made of 304 quality stainless steel

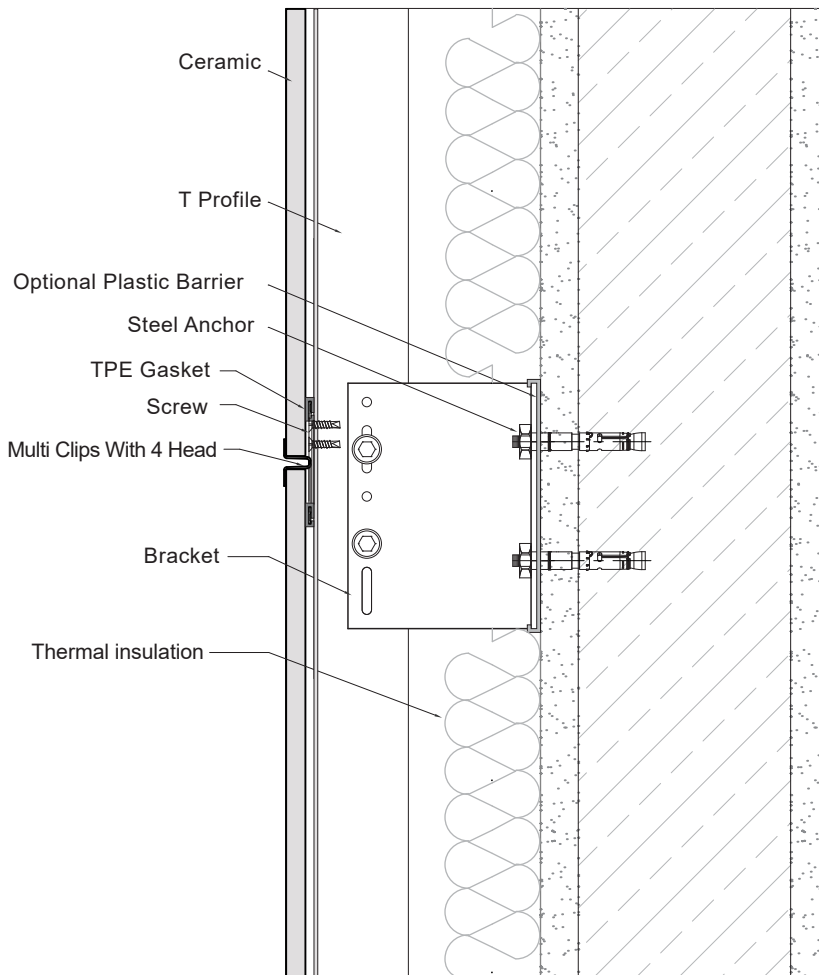
Suitable for multi-storey buildings

Axle spacing should be max. 60 cm

Construction weight 3-4 kg / m²

Dimensions of ceramics 30x60, 60x60, 60x120, 45x90

Method of Application: After design process of the project, creation of vertical axes and hanging of ceramics on Multiclips from the distance of approximately 10 cm from the building surface



ARFEN Multi Clips Facade System be created by installation of stainless steel multiclips at regular intervals and suitable for 10mm thick ceramic applications.



Bracket - **2453**



T Channel profile - **2250**



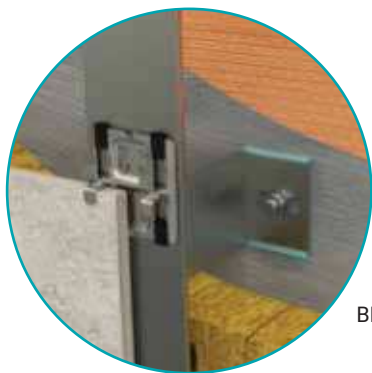
Multi clips with 4 head - **123.0094**



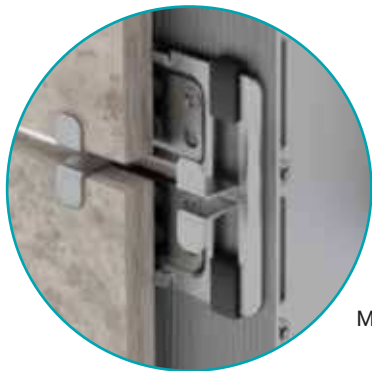
Vertical Multi clips with 2 head - **123.0096**



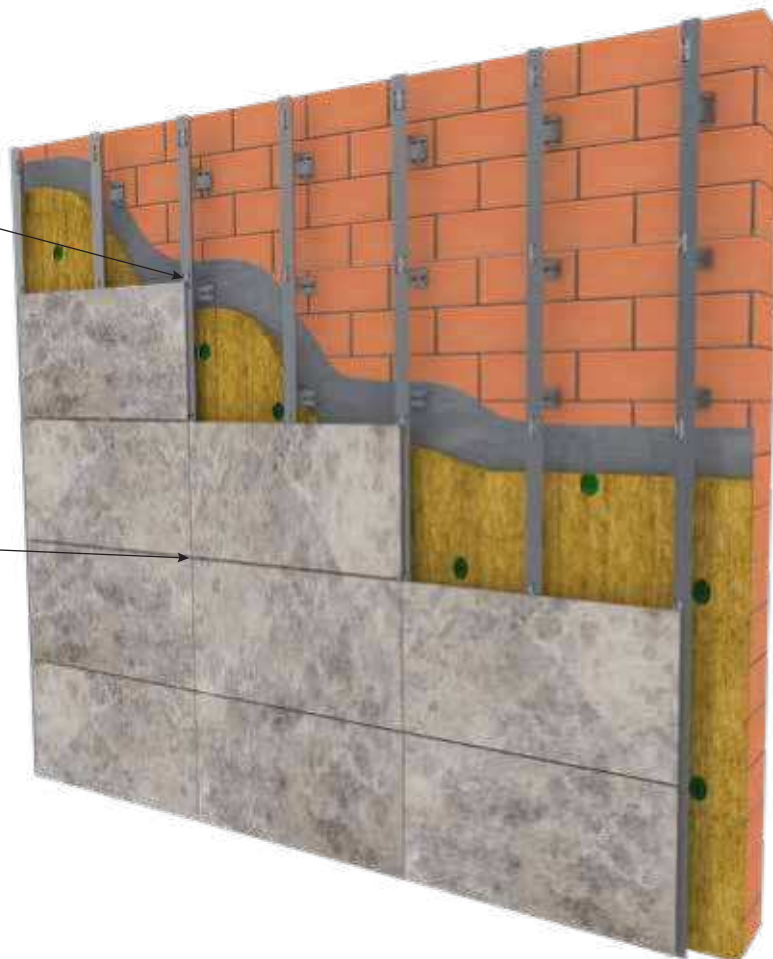
Horizontal multi clips with 2 Head **123.0095**
Single multi clips **123.0097**



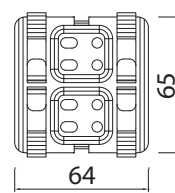
BRACKET DETAIL



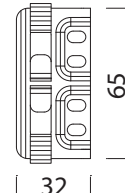
MULTI CLIPS DETAIL



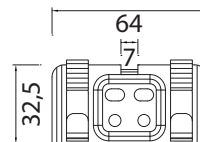
Multi Clips with 4 head



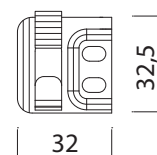
Vertical Multi Clips with 2 head



Horizontal Multi Clips with 2 Head



Single multi clips



1. L Bracket	2. T Profile	3. TPE Gasket	4. Multi Clips with 4 head
5. Ceramic & Stone	6. Trapezoid Screw	7. Steel Anchor	8. Optional Thermal Barrier



FACADE SYSTEM WITH CLIPS

Clips are made of 304 quality stainless steel

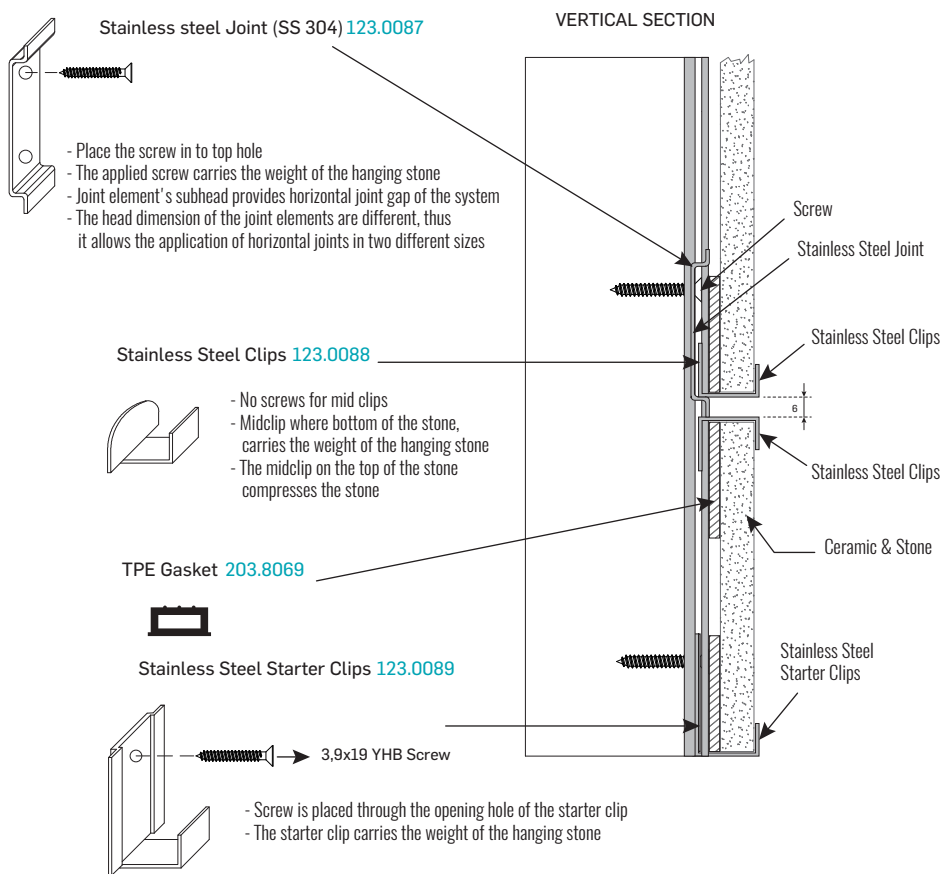
Suitable for multi-storey buildings

Axle spacing should be max.60 cm

Construction weight 4-5 kg / m²

Dimensions of ceramics 30x60, 60x60, 60x120, 45x90

Method of Application: After design process of the project, creation of vertical axles from the distance of approximately 10 cm away from the building surface and hanging of 10 mm thick ceramics on stainless steel clips by interval of 6 mm joint



Bracket



Aluminium T Channel Profile - 1590



Stainless Steel Starter Clips - 123.0089



Stainless Steel Joint - 123.0087
Stainless Steel Clips - 123.0088



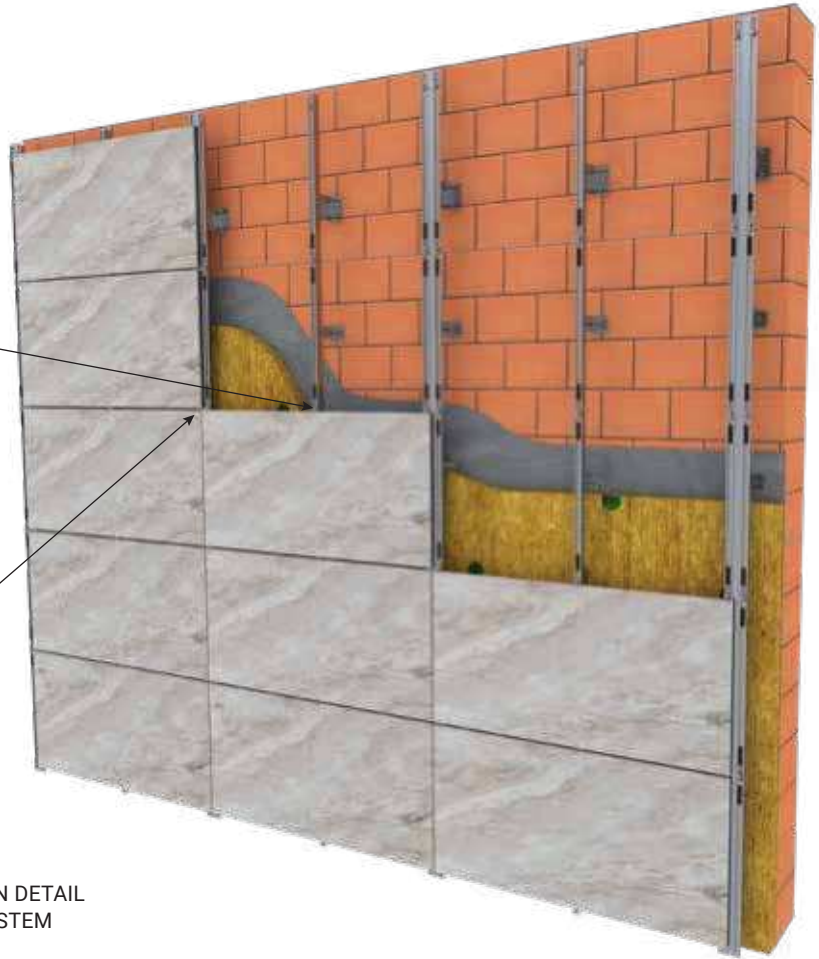
TPE Gasket - 203.8069



CHANNEL
PROFILE DETAIL



CONNECTION DETAIL
OF CLIPS SYSTEM



1. L Bracket	2. T Profile
3. EPDM Gasket	4. Clips
5. Stainless Steel Joint	6. Ceramic & Stone
7. Trapezoid screw	8. Steel Anchor
9. Optional Thermal Barrier	



SINTERFLEX ADHESIVE BONDED & CLIPS FACADE SYSTEM

Horizontal Joints should be 3-6 mm

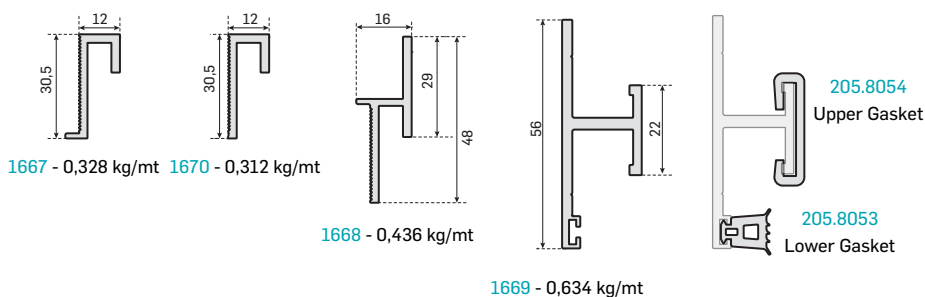
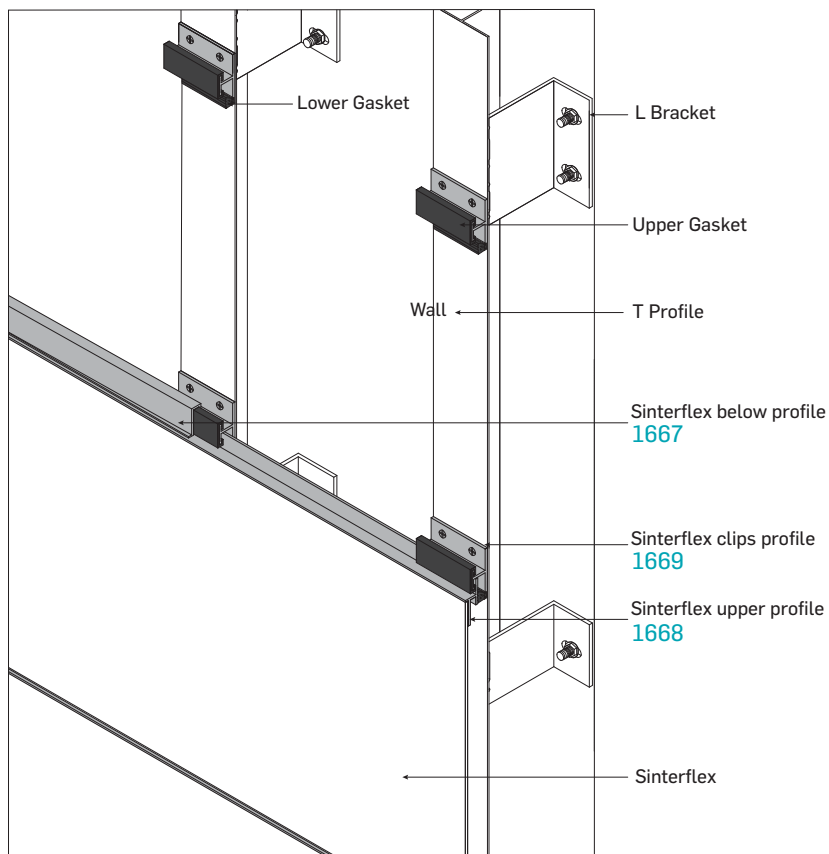
Suitable for low-rise buildings (Max. 15 storey)

Axle spacing should be max. 50-60 cm

Construction weight 6-7 kg / m²

Dimensions of ceramics 1000x3000x3 mm

Method of Application : After design process of the project, clips are fixed to the T profiles at a clearance of approximately 10 cm away from the building surface. The horizontal hanger profiles are attached with a polyurethane based adhesive at the back of the vbe sinterflex plates with a maximum distance of 50 cm from the axle to the axle. Sinterflex facade sub-carrier system is a composition of: appropriate L brackets, T + L carrier profiles and hanger profiles (bottom, middle and top) which are applied on T + L profiles. The assembly is completed by hanging the hanger profiles (which stick to porcelain Stones) to the clips (which attached to the T profiles).



Bracket



Sinterflex lower profile - **1667**



Sinterflex upper profile - **1668**



Clips profile - **1669**



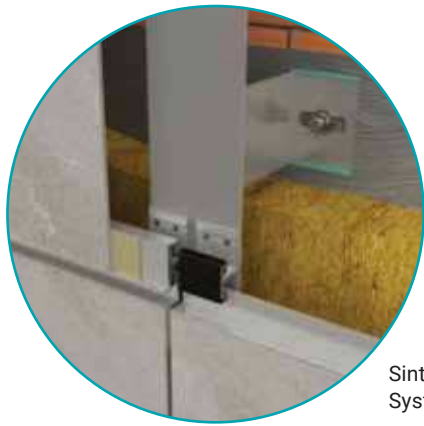
T Profile - **2250**



TPE lower gasket - **205.8053**



TPE upper gasket - **205.8054**



Sinterflex
System Detail



Clips Hanger Detail



1. L Bracket	2. T Profile
3. Sinterflex clips detail	4. Sinterflex upper profile
5. Sinterflex lower profile	6. Sinterflex
7. Trapezoid screw	8. Steel anchor
9. Optional Thermal Barrierr	



CERAMIC ADHESIVE BONDED SYSTEM PROFILES

Suitable for low-rise buildings(Max. 15 storey)

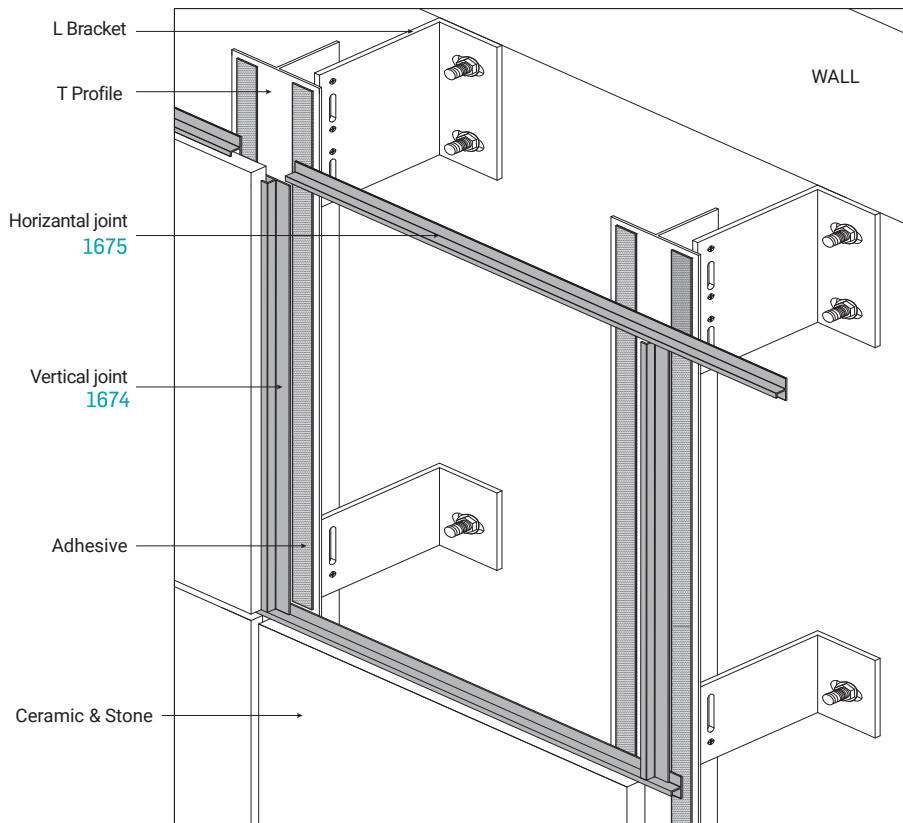
Axle spacing should be max.60 cm

Construction weight 3-4 kg / m²

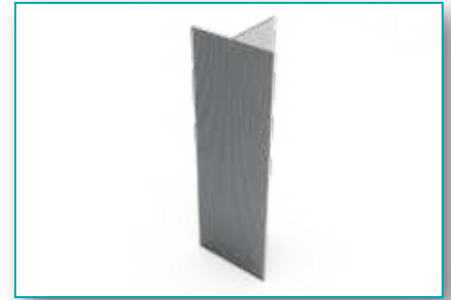
Dimensions of ceramics 30x60, 60x60, 60x120, 45x90

Method of Application: After design process of the project, vertical axes should be placed approximately 10 cm away from the building surface.

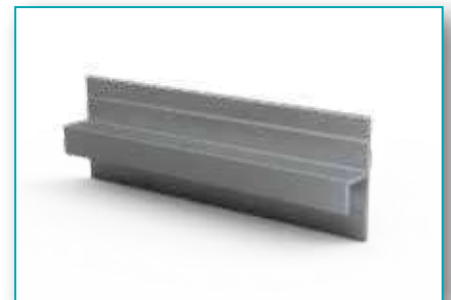
Ceramic tiles should be bounded on T&L profiles by polyurethane sealant with joint interval of 5 or 7 mm. Tiles need to be supported by double-sided tapes or quick adhesives to achieve sufficient adhesion between tile and sealant.



Bracket



T Profile - 2250

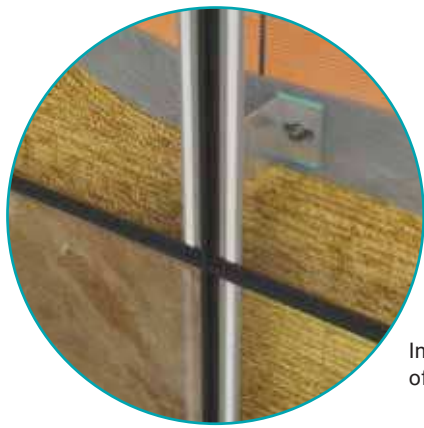


Horizontal joint profile - 1675 (5 mm)
4059 (7 mm)



Vertical joint profile - 1674 (5 mm)
4058 (7 mm)





Installation detail of vertical joint



Vertical and horizontal joint detail



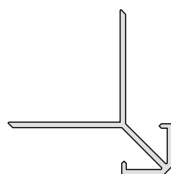
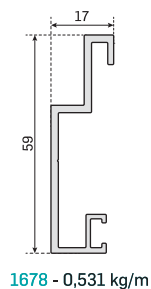
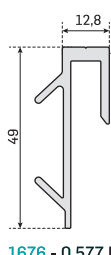
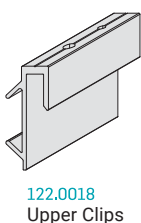
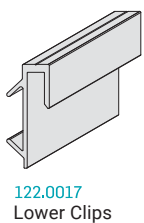
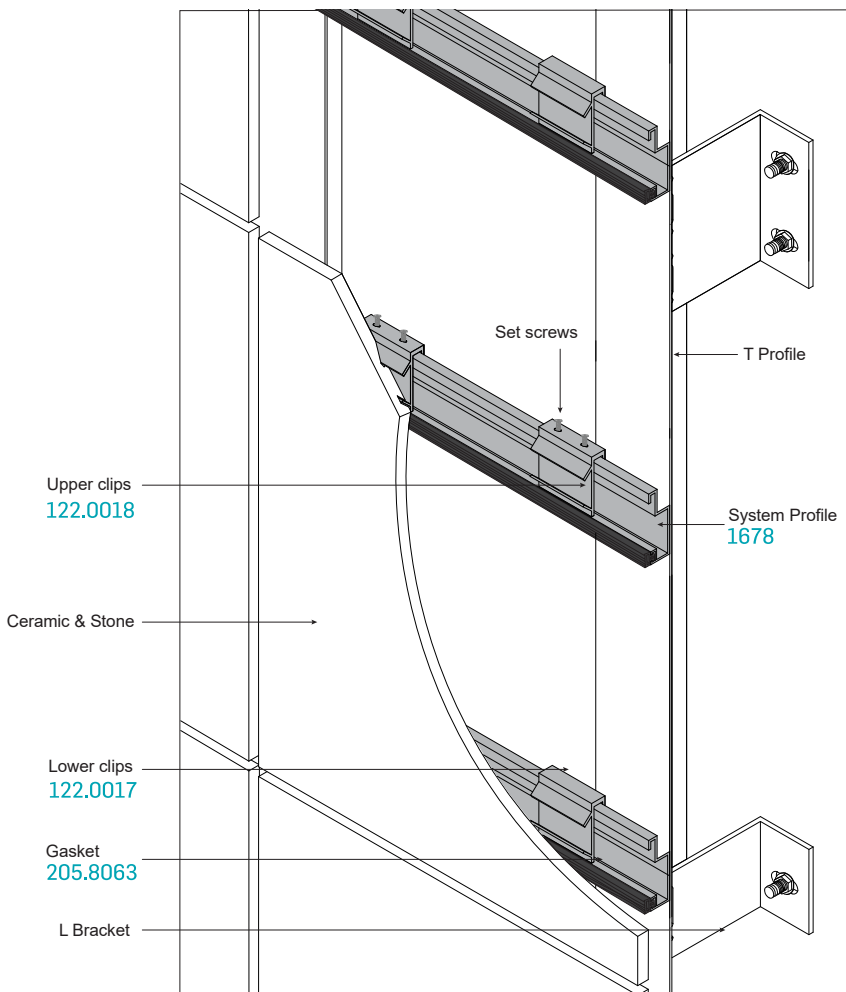
1. L Bracket	2. T Profile
3. Adhesive	4. Horizontal joint profile
5. Vertical joint profile	6. Ceramic & Stone
7. Trapezoid screw	8. Steel Anchor
9. Optional Thermal Barrier	



COMPACT LAMINATE FACADE SYSTEM PROFILES WITH HIDDEN CHANNEL

If compact laminate is used for facade applications, application should be canalize between two panels. Hanger profiles are attached to these channels and special system profiles can be set on. Vertical joints should be 3-6 mm. Suitable for multi-storey buildings. Axle spacing should be max.50 cm. Construction weight 6-7 kg / m². Dimensions of sinterflex is 1000x3000x3 mm. Carrier L brackets should be placed with a minimum vertical clearance of 80 cm.

Method of Application: After design process of the project, clips are fixed to the T profiles at a clearance of approximately 10 cm away from the building surface, EPDM Gaskets should be placed on clips. According to the project, laminated hanger profiles sinterflex sheets are suspended on carrier clips.



Bracket



T Profile - 2250



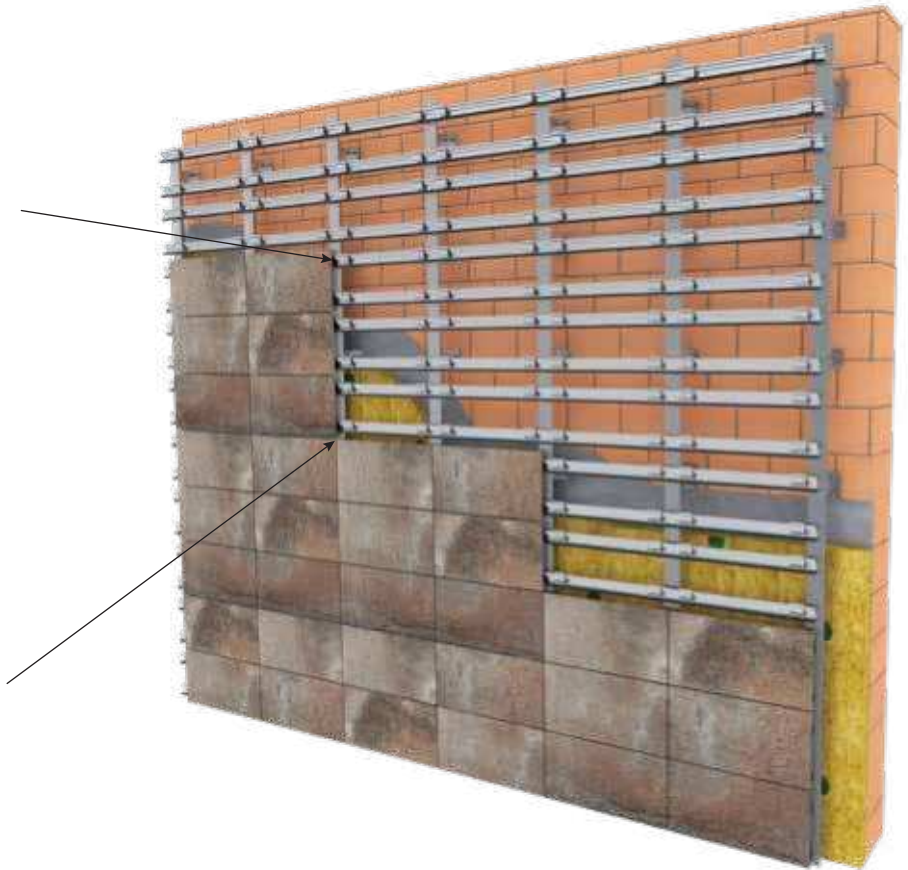
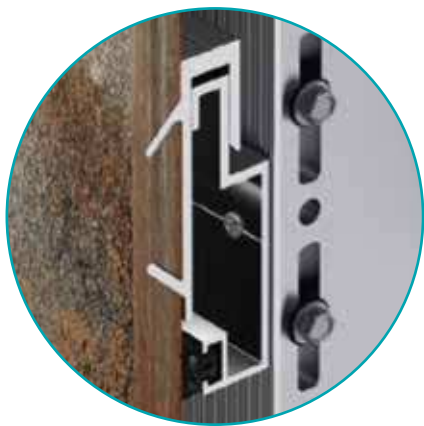
Upper Hanger Profile - 1220018 (Delikli Vidalı)
Lower Hanger Profile - 1220017 (Deliksiz Vidalı)



System profile - 1678



TPE Gasket - 205.8063



1. L Bracket	2. T Profile
3. System profile	4. Clips
5. Gasket	6. Ceramic & Stone
7. Trapezoid screw	8. Steel anchor
9. Optional thermal barrier	



COMPACT LAMINATE FACADE SYSTEM PROFILES WITH HIDDEN SCREWS

If compact laminate is used for facade applications, the top hanger profile should be screwed to behind the panel. Application done by hidden channel profile mounted on T profile hangs on panels. Vertical joints should be 3-6 mm. Suitable for multi-storey buildings. Axle spacing should be max.50 cm. Construction weight 6-7 kg / m². Dimensions of sinterflex is 1000x3000x3 mm

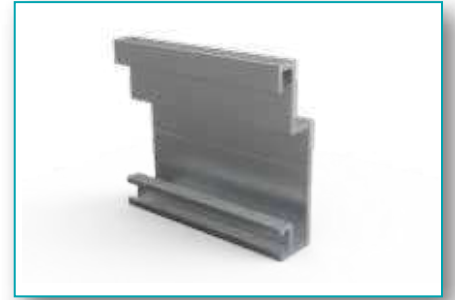
Method of Application: After design process of the project, clips are fixed to the T profiles at a clearance of approximately 10 cm away from the building surface, EPDM Gaskets should be placed on clips. According to the project, laminated hanger profiles sinterflex sheets are suspended on carrier clips.



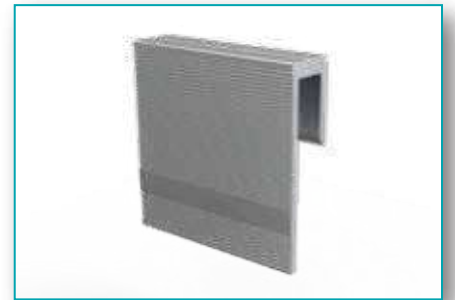
Bracket



T Profile - 2250



Clips - 1678

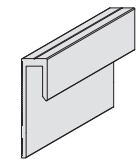
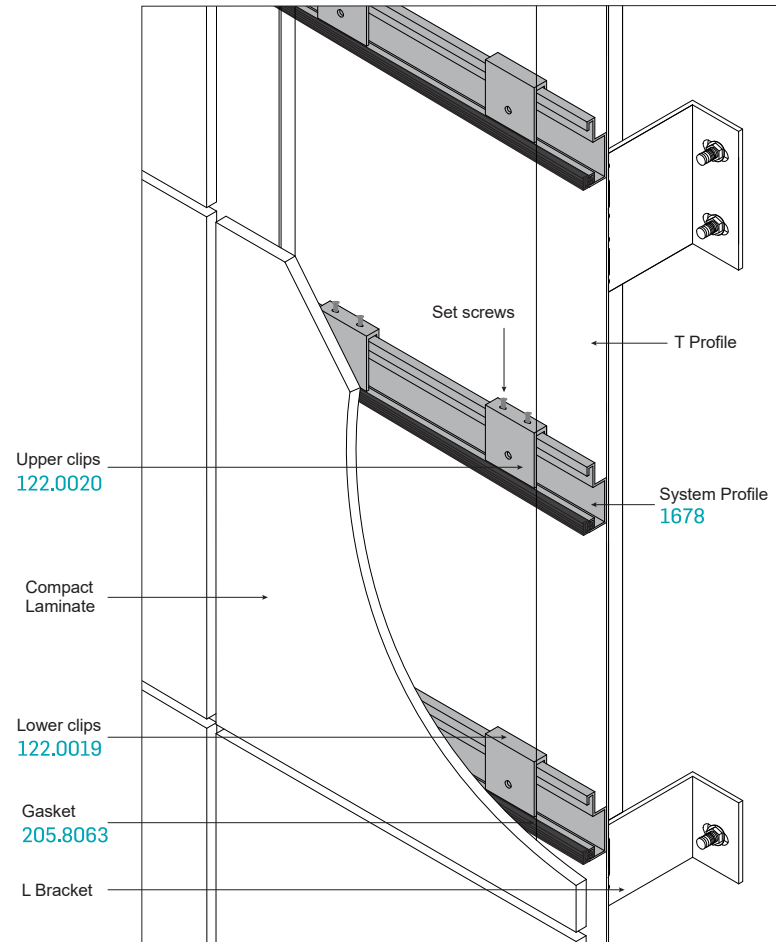


Upper Hanger Profile - 1220020 (Delikli Vidalı)

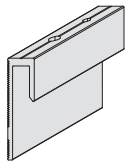
Lower Hanger Profile - 1220019 (Deliksiz Vidalı)



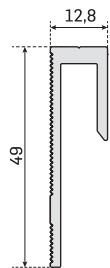
TPE Gasket - 205.8063



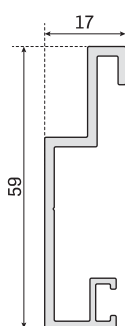
122.0019
Lower Clips



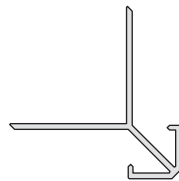
122.0020
Upper Clips



1685 - 0,488 kg/m



1678 - 0,531 kg/m



1673 - 0,279 kg/m



205.8063
Gasket

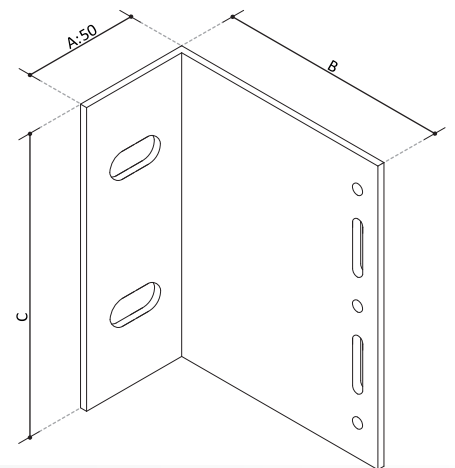
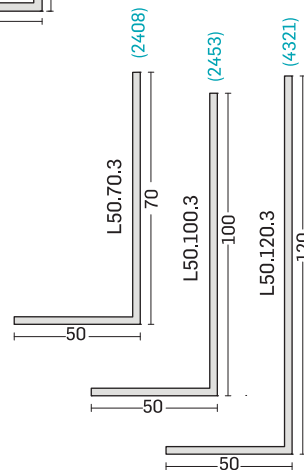
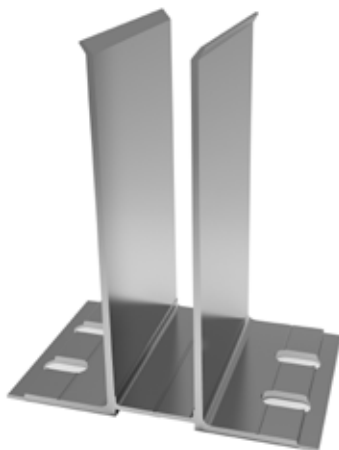
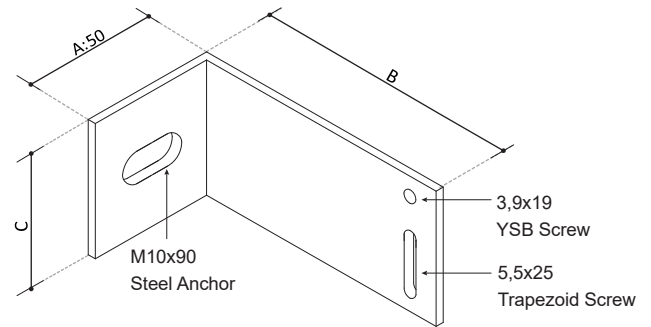
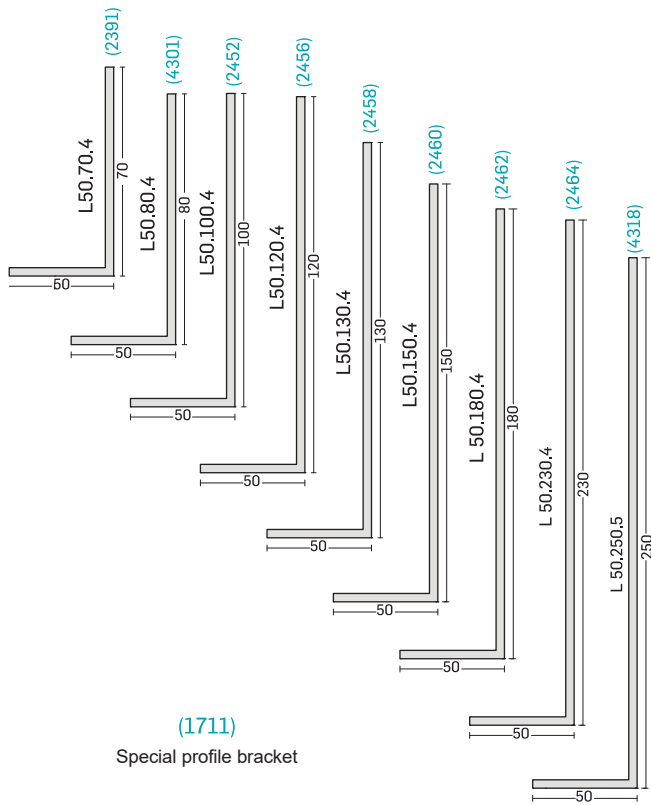


1. L bracket	2. T profile
3. System profile	4. Clips
5. Gasket	6. Adhesive
7. Compact laminate	8. Trapezoid screw
9. Steel anchor	
10. Optional Thermal Barrier	

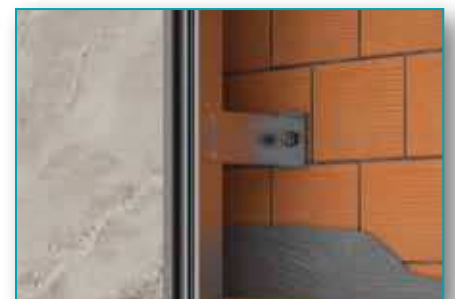


L BRACKETS

Aluminum carrier brackets can be manufactured according to the desired length and width in accordance with the front opening. Rusting seen in galvanized anchor does not occur in aluminum bracket. According to the static calculation of the facade system L bracket thickness options are also offered in 3,4 and 5 mm. Galvanized steel can be produced if requested.



Double brackets are used at floor levels, start and end zones; single bracket used in intermediate zones





aluminium louvres and solar shading systems

ARM-50 LOUVRES SYSTEM

Arfen Louvres system provides perfect wind and water insulation by easy installation process. Manufactured according to EN 12020 by using AL Mg Si 0.5 aluminium. Lightweight, strong and durable. The frame is created after the louvres dimensions are determined. Hanger profile is screwed in such a way that one goes at 15 cm vertically according to the internal dimension of created frame profile. On the hanger profiles, the coverslip profiles are placed at a vertical level of 5 cm. Made of 100% recyclable eco-friendly aluminum material systems are produced as anodized or elastostatic painted. On the coast and industrial areas, we recommend seaside quality paint which ARFEN can provide it for you. Arfen Louvres systems are produced in RAL9010 as standard color. Please indicate, if you have any other RAL colours selections.

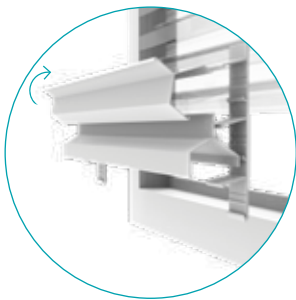
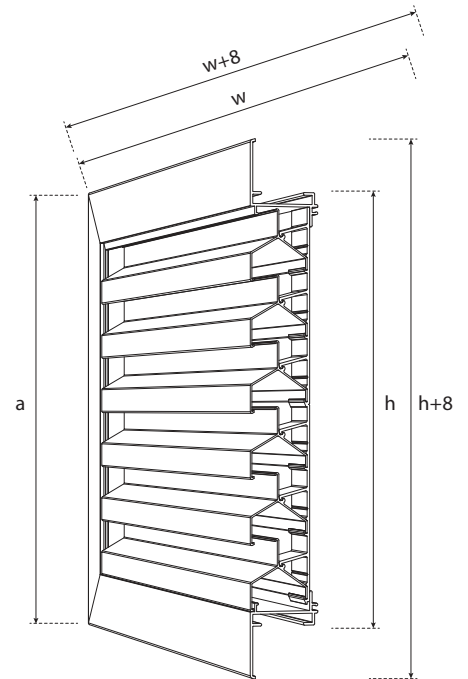
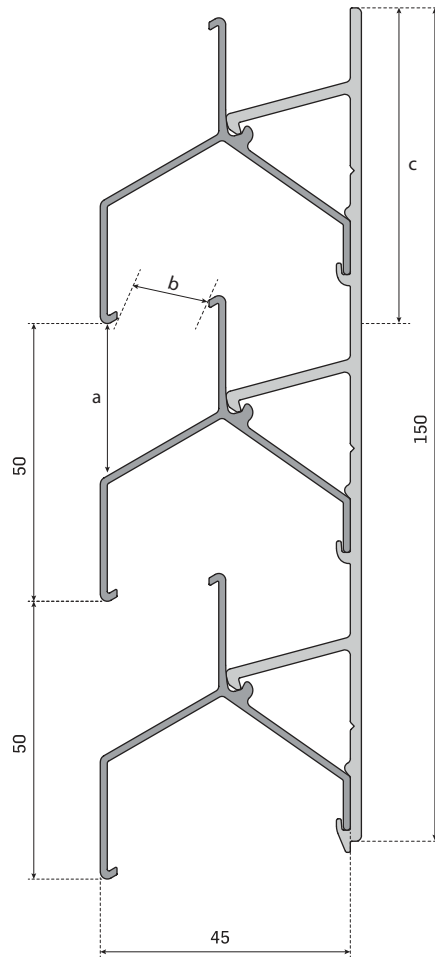


a: Gap
c: Coverslip height

$$\text{Apparent Free Area} = \frac{a}{c} = 0,51$$

$$\text{Physical Space Area} = \frac{b}{c} = 0,31$$

Coverslip application height: 50mm
Coverslip height: 50 mm
Frame width: 58 MM
Stainless Steel Mesh(swatter): Optional
2,3 mm x 2,3 mm 304 SS Grade or
6 mm x 6 mm 304 SS Grade Total



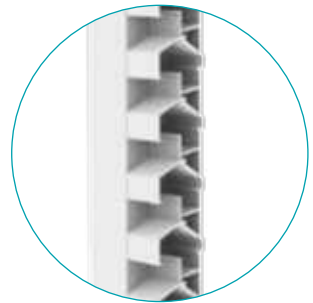
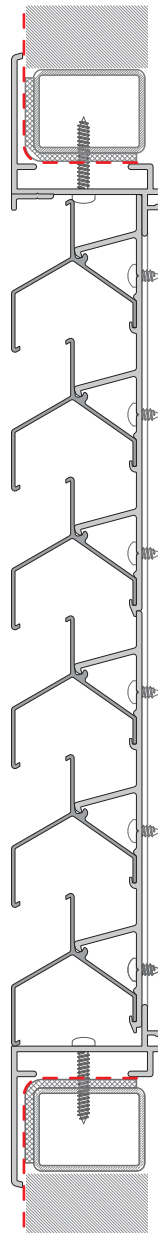
AR-M-50

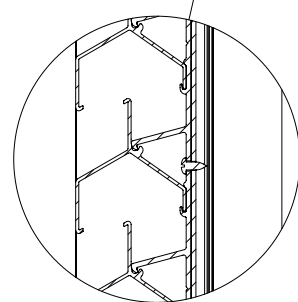
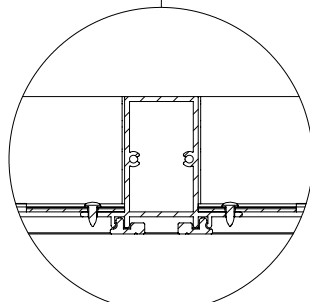
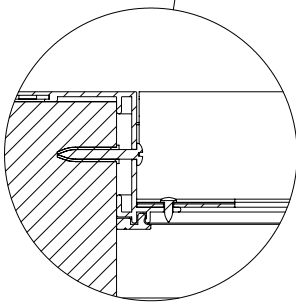
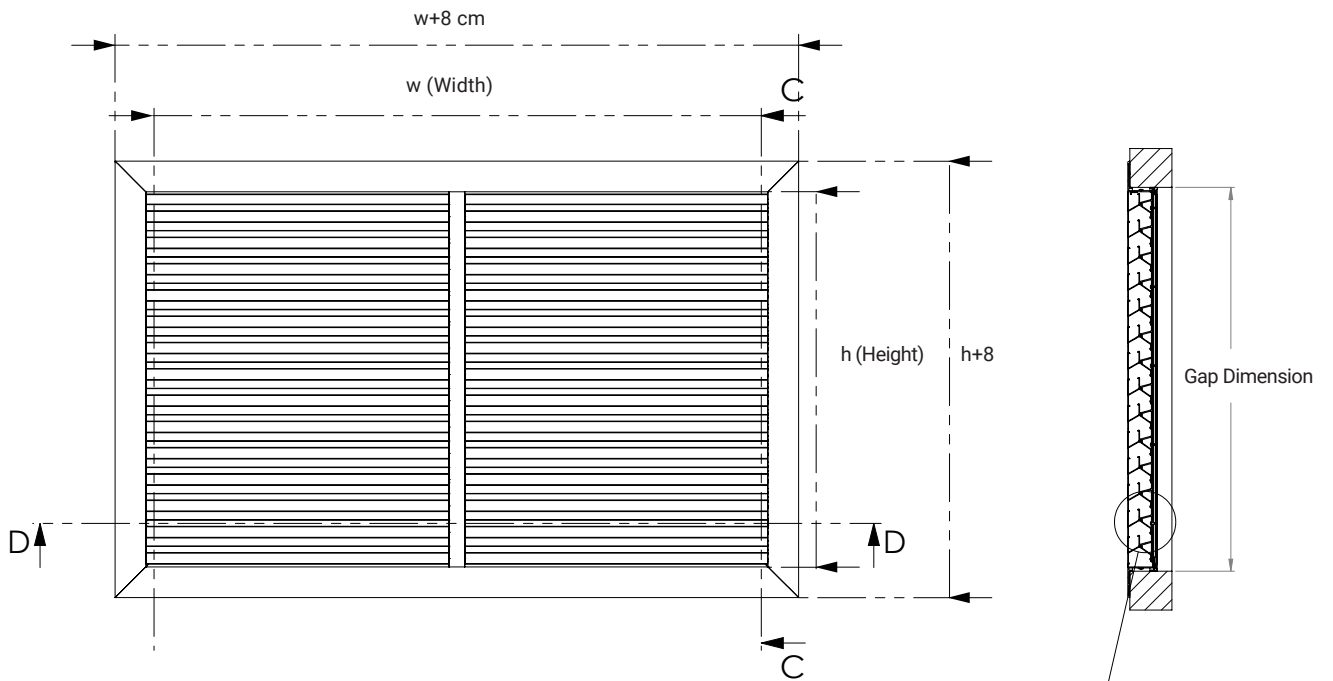
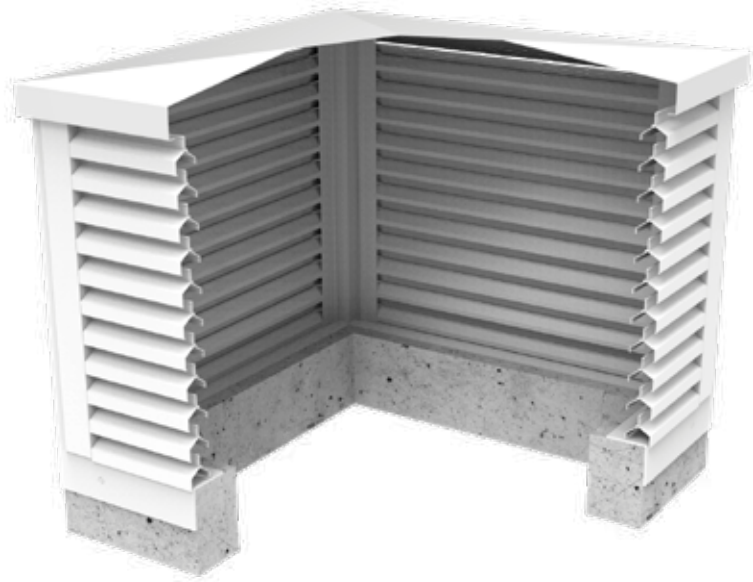
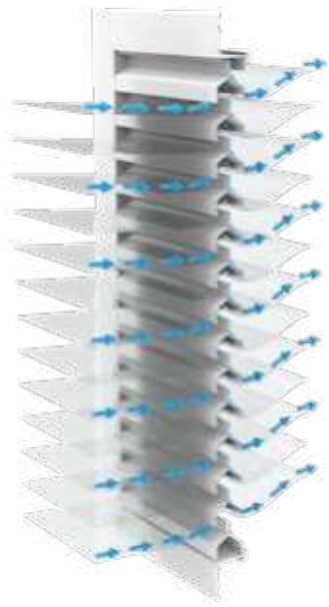
Total Weight: 11-13 kg/m² (Depands on the dimensions)
Can be provided as Powder coated and anodised.
Bird Screen is not required. Purchase order dimensions will be; gap + 8 cm outside dimensions
For example; if the gap has 60 cm x 90 cm outside dimensions
Purchase order dimensions will be 68 cm x 98 cm



Standard Dimensions: 480x680- 580x880 - 680x980
Packing: Arfen Louvres system packed with transparent balloon packing. Protected against impacts by means of EPS foam in sizes of 1 meter and more.

AR-M-50 Louvres and It's Frame





» CORNER DETAIL

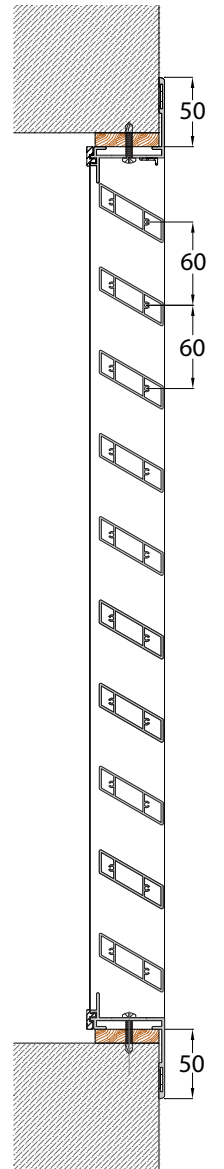
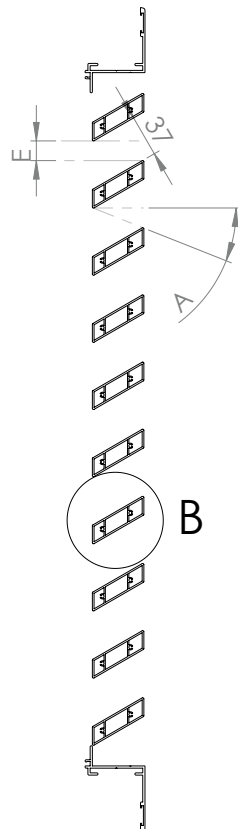
» LOUVRES CONNECTION DETAIL

» ARM-50 LOUVRES DETAIL



ARM-50-1 LOUVRES SYSTEM

Similar to ARM-50 Louvres system but ARM-50-1 is fixed louvres system which has hidden screw application from side edges.



» ARM-50-1 LOUVRES COVERSIP

ARM-45 LOUVRES SYSTEM

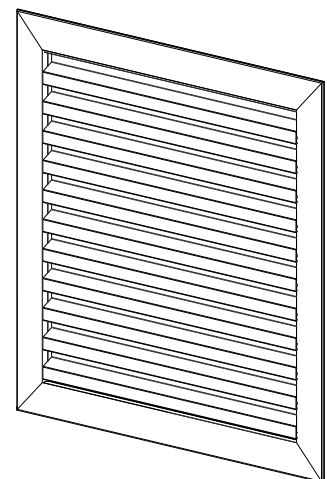
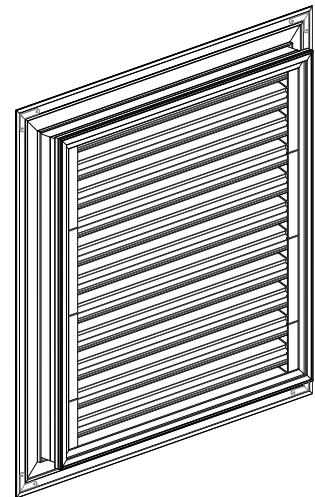
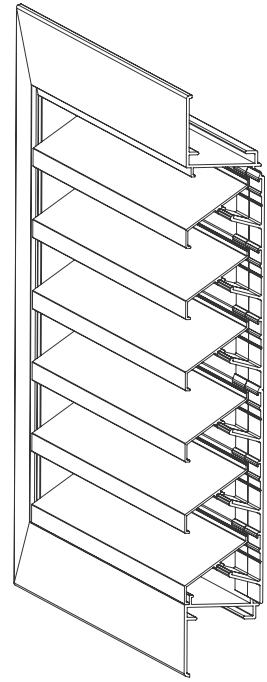
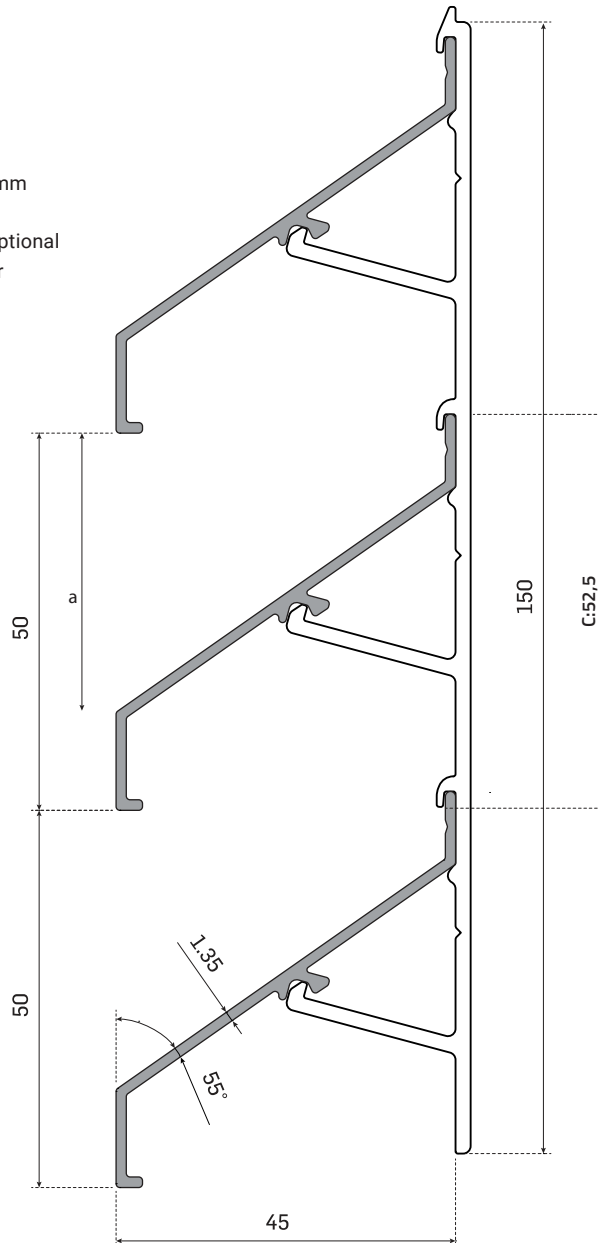
ARM-45 louvres systems are easy to apply, economical louvres systems and high apparent gap. Arfen Louvres systems produced in RAL9010 as standard color. Please indicate, if you have any other RAL colours selections. Applied as dovetail the coverslips to the bracket profiles on the frame.

a: Gap
c: Coverslip height

$$\frac{\text{Apparent Free Area}}{\text{Physical Space Area}} = \frac{a}{c} = 0,71$$

$$\frac{\text{Physical Space Area}}{\text{Physical Space Area}} = \frac{b}{c} = 0,55$$

Coverslip application height : 50 mm
 Coverslip height: 50 mm
 Stainless Steel Mesh(swatter) : Optional
 2,3 mm x 2,3 mm 304 SS Grade or
 6 mm x 6 mm 304 SS Grade

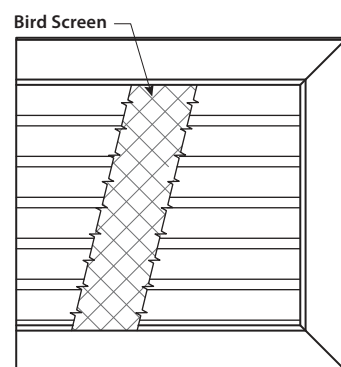
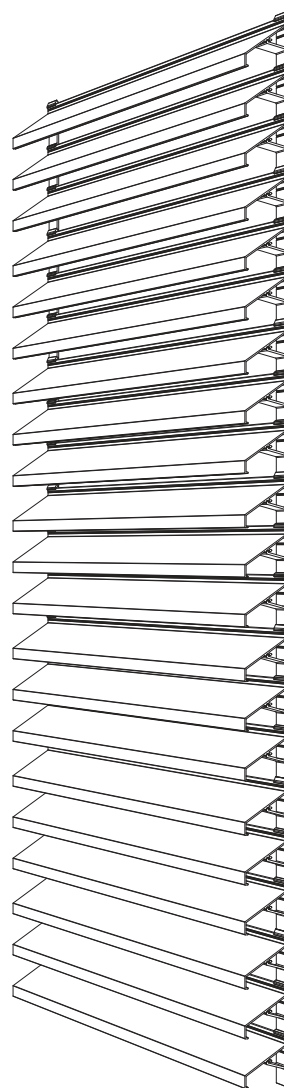
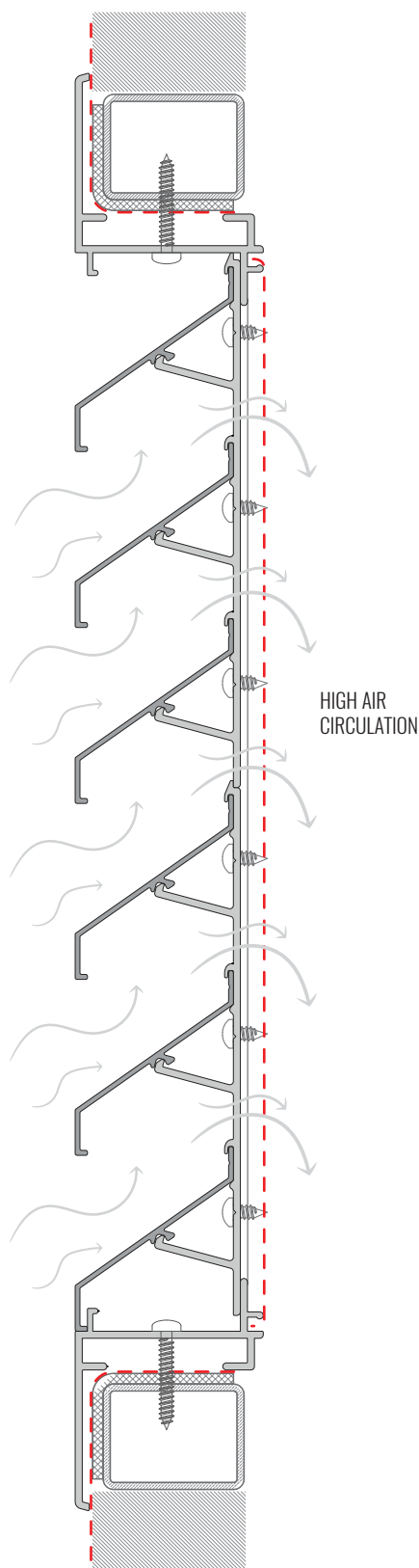


AR-M-45

Total Weight: 8-11 kg/m²
 Can be provided Powder coated and anodised.



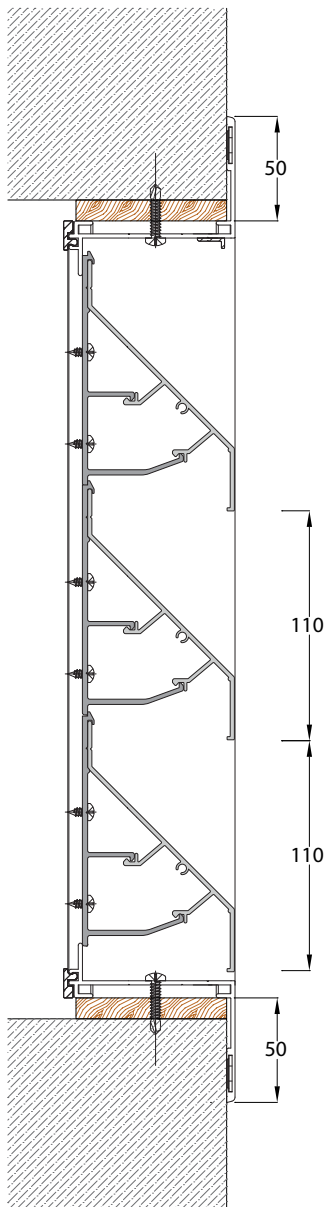
AR-M-45 Louvres and It's Frame



ARM-75 LOUVRES SYSTEM

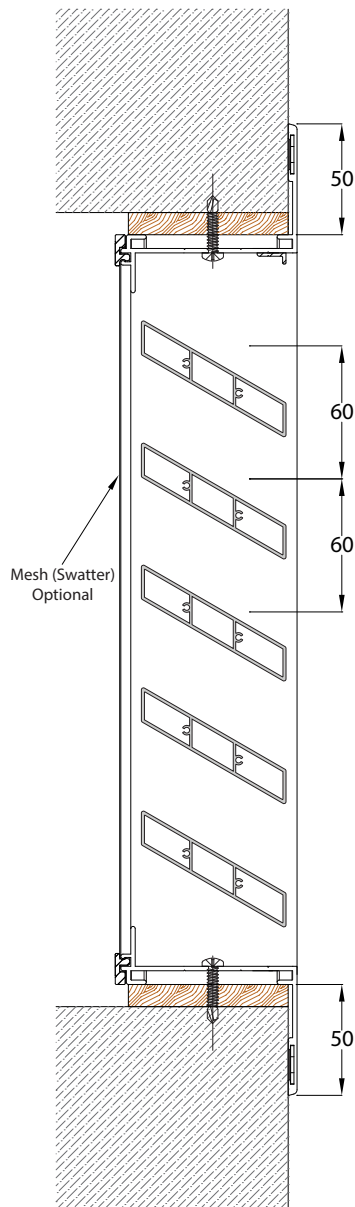
ARM-75 louvres systems are easy to apply, economical louvres systems and high apparent gap. Installation is can be done by screw mounted or dovetail to each other for different types of coverslips. 304 grade stainless seel mesh(swatter) is optional.

» ARM-75



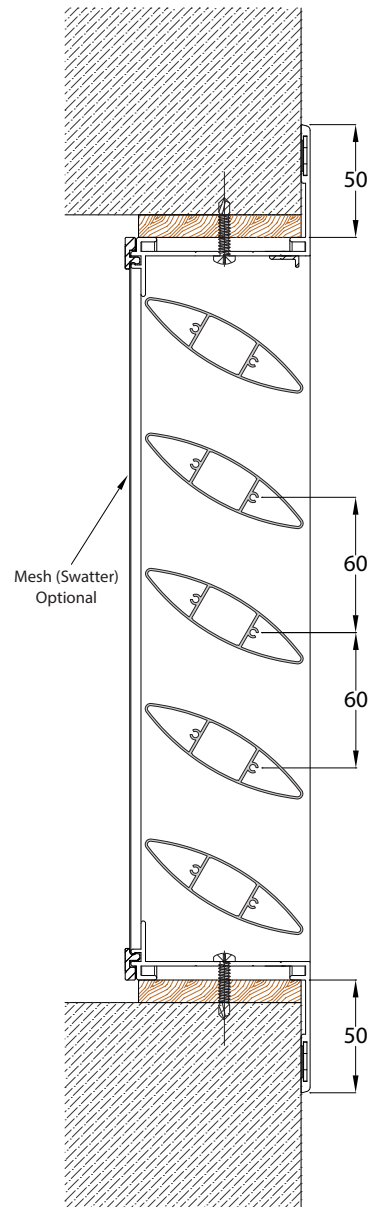
Installation is can be done by screw mounted or dovetail to each other

» ARM-75-1



Installation is can be done by screw mounted

» ARM-75-2



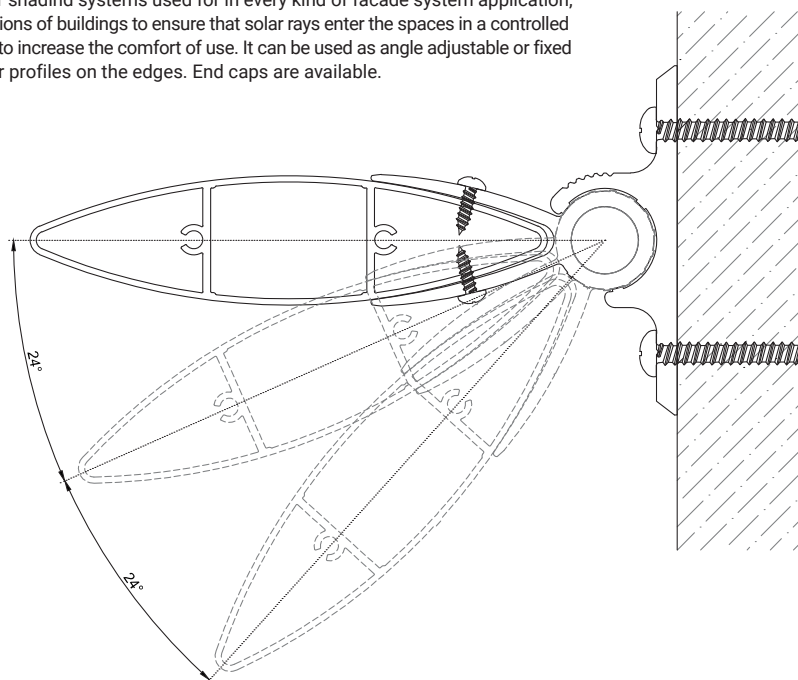
Installation is can be done by screw mounted. Decorative.



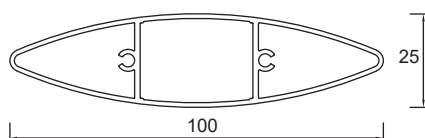


SOLAR SHADING SYSTEMS

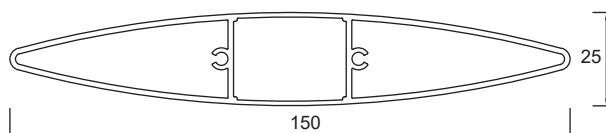
ARFEN Solar shading systems used for in every kind of facade system application, or glass sections of buildings to ensure that solar rays enter the spaces in a controlled manner and to increase the comfort of use. It can be used as angle adjustable or fixed to the carrier profiles on the edges. End caps are available.



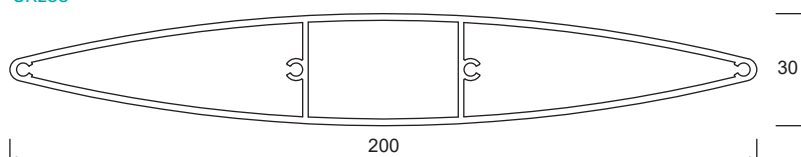
GK100



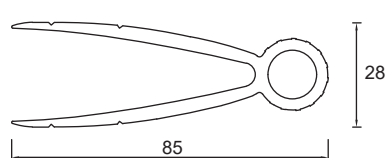
GK150



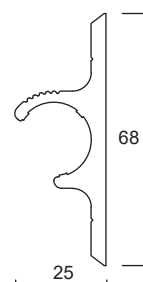
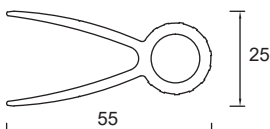
GK200



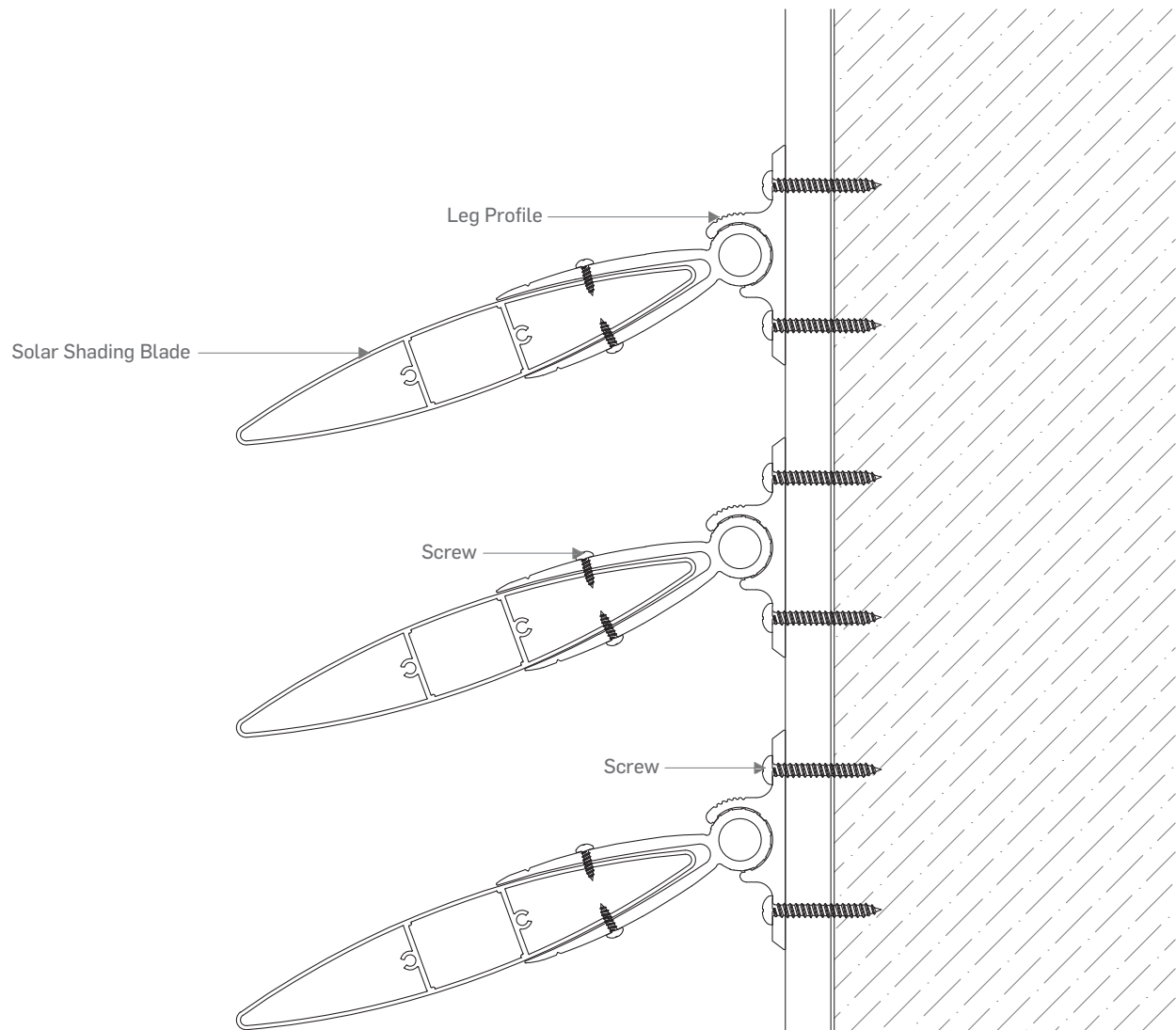
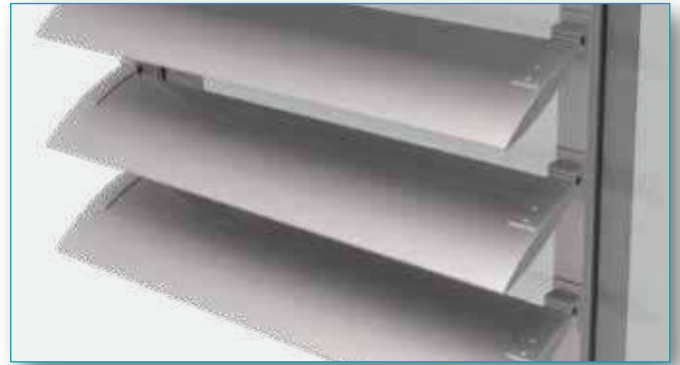
GK200 M1
ENARTHROSIS



GK100
ENARTHROSIS



ENARTHROSIS
HOLDER



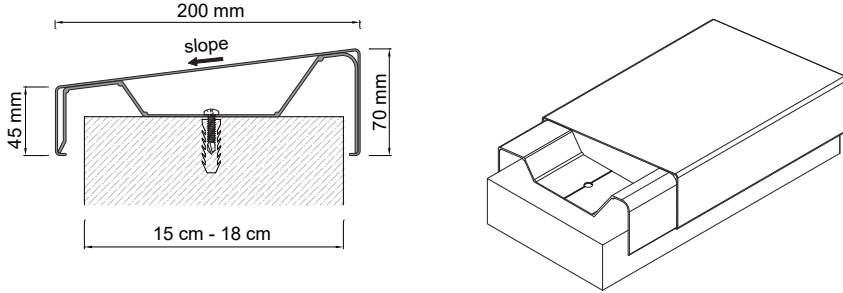


waterslag and coping systems

COPPING PROFILES

Anodised or powder coated finishing products that compatible with various exterior cladding materials, terrace parapet applications and assembled through 2 mm or 3 mm carrier pieces.

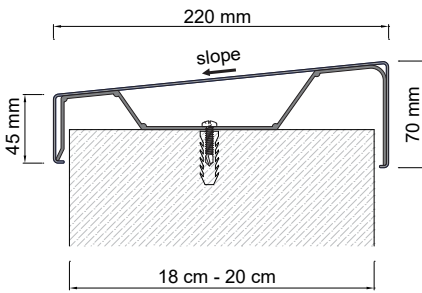
» ARH-20



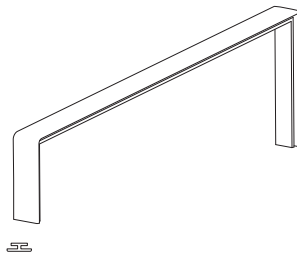
Extruded profiles. One lower carrier piece screwed on the parapet every 50 cm interval. H-section profile or TPE joint seals are installed on the joints



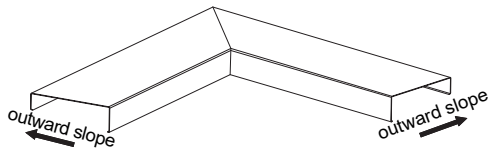
» ARH-22



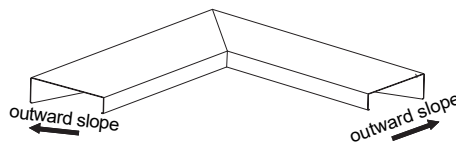
» H BİRLEŞİM FITİLİ



Extruded profiles. Product lengths can be produced up to 6 mt in single piece.



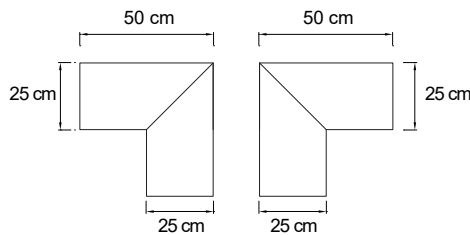
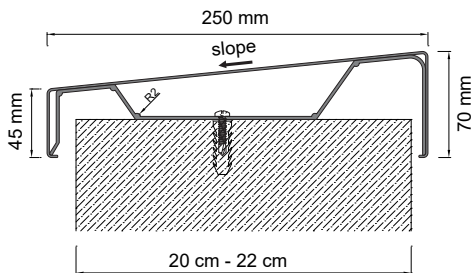
» Internal Corner Detail



» External Corner Detail



» ARH-25



» External Corner Detail

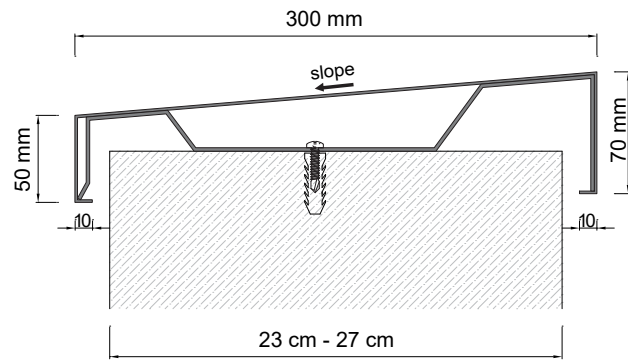
» Internal Corner Detail

Extruded profiles. Lower carrier piece shipped by 7 cm cutted.



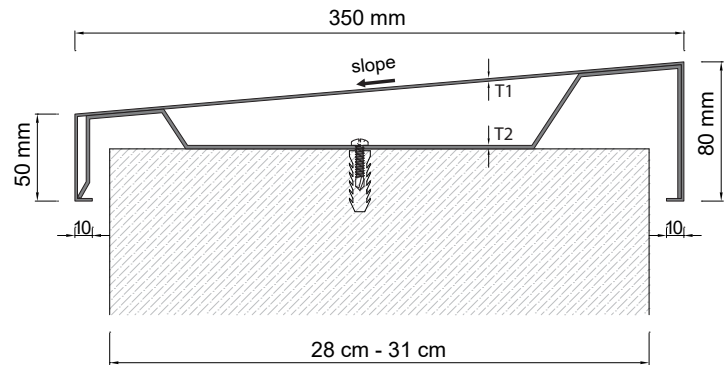


» ARH-30



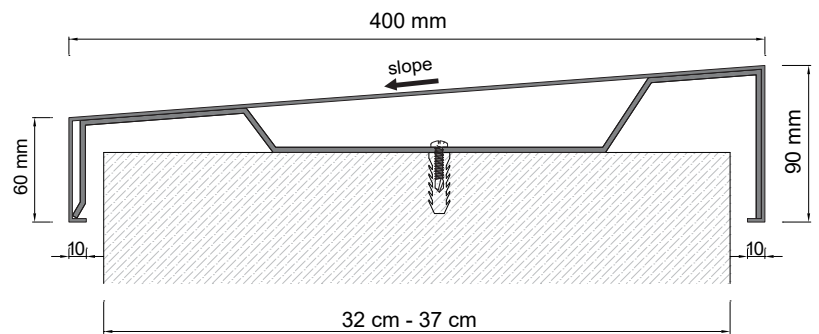
Produced of 1,5 mm aluminum sheet. Carrier pieces produced of 2,00 mm thick hard alloy plate. Production length is 3,00 mt.

» ARH-35



Top width \leq 350 mm if T1=1,5 mm T2=2 mm
Top width $>$ 350 mm if T1=2 mm T2=3 mm

» ARH-40

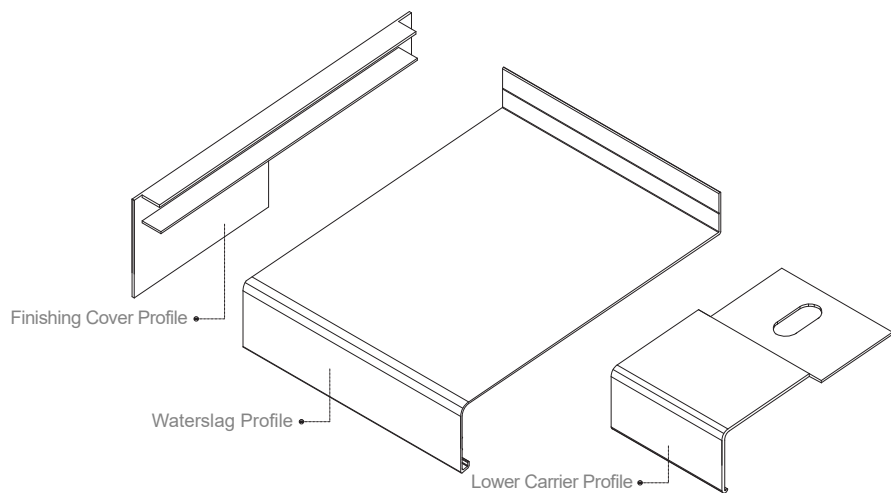
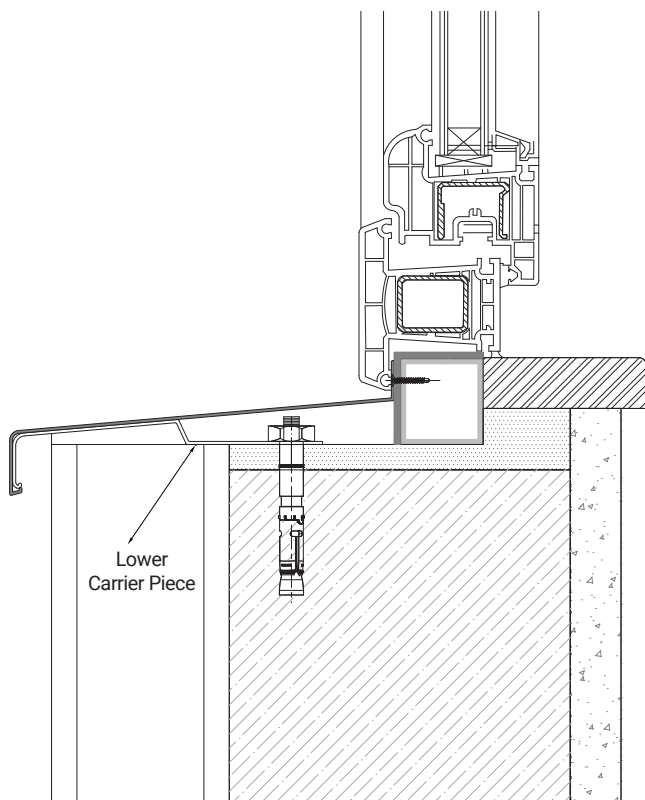


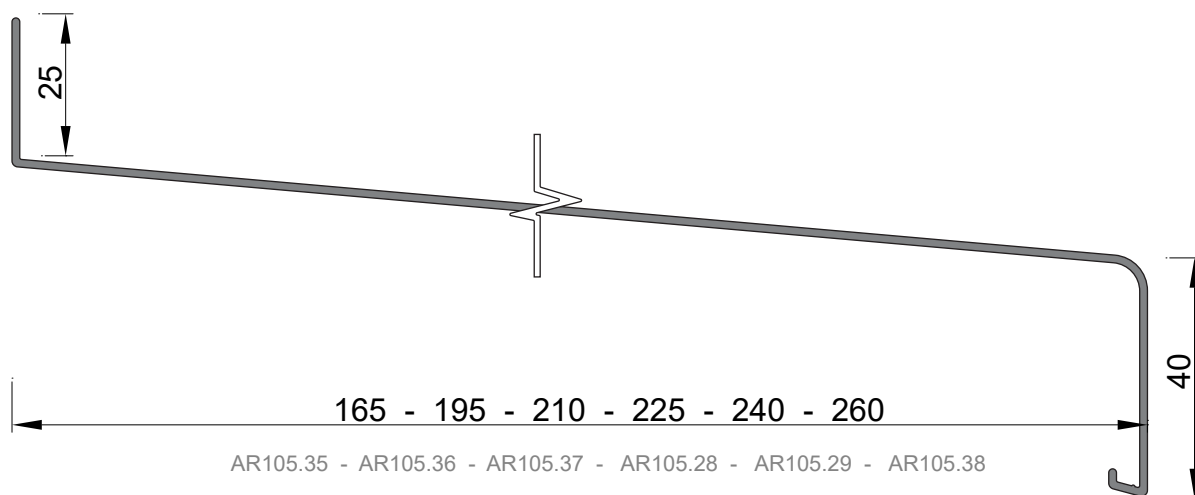
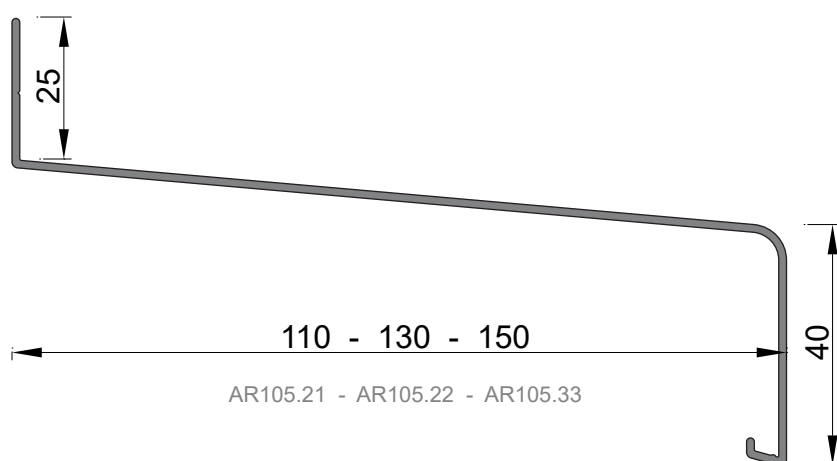
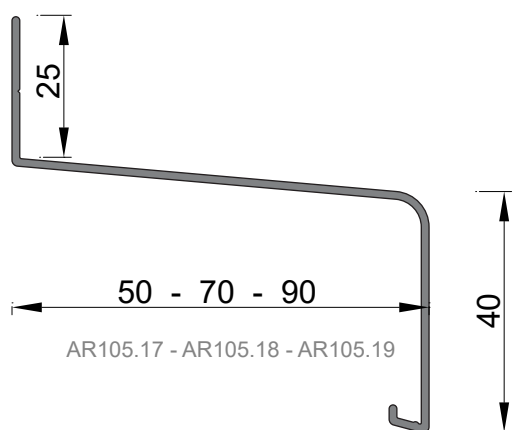
Carrier pieces produced of 3,00 mm thick and coping profiles 2,00mm hard alloy plate.



WATERSLAG PROFILES

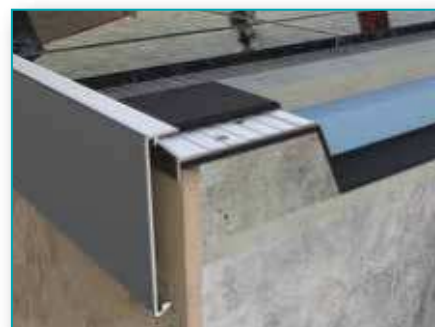
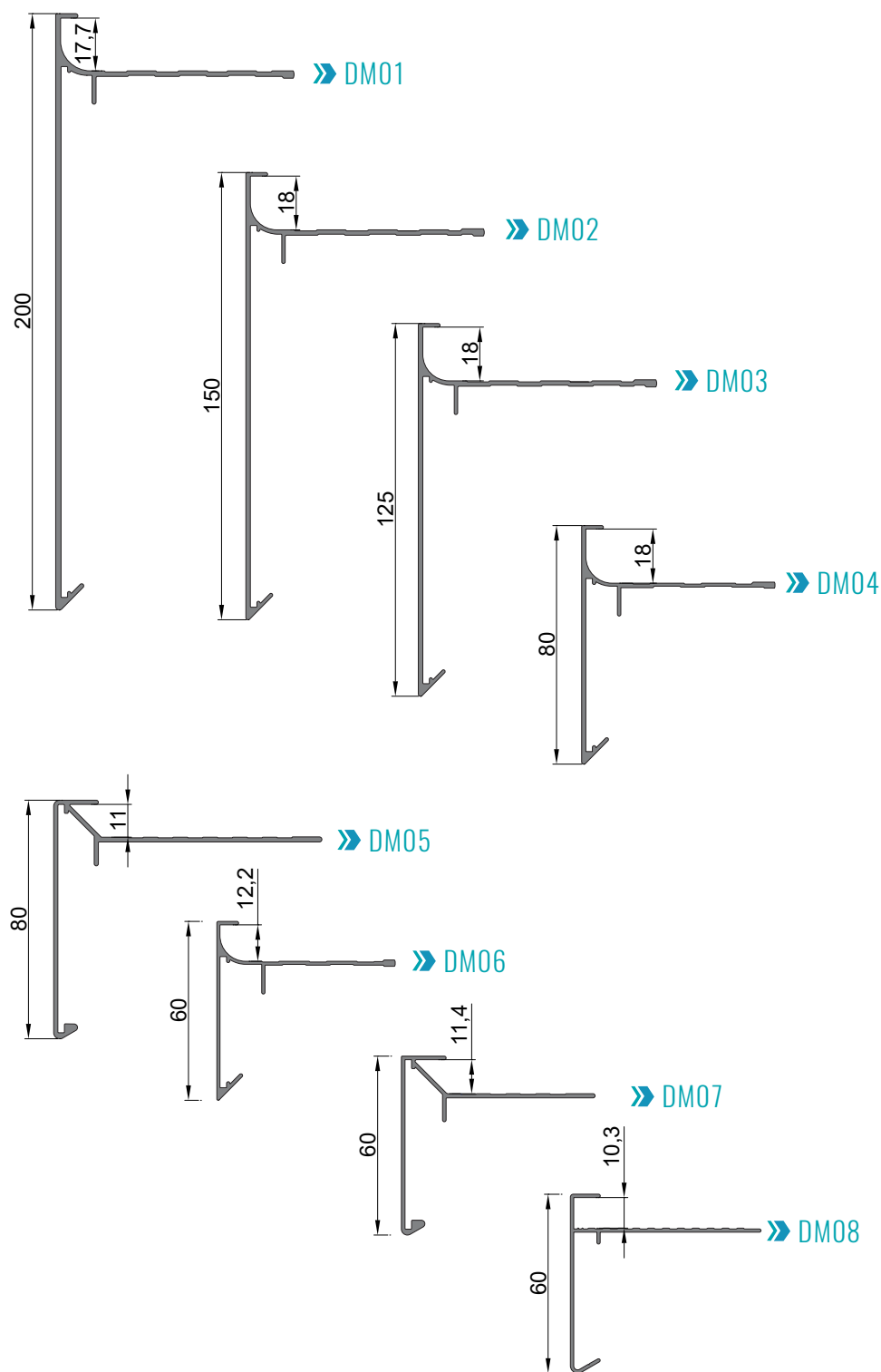
Waterslag profiles used to replace precast elements under windows, marbles or granites. Arfen's waterslag system is a composition of light dropper with aluminum bottom carrier and edge finish detail. Waterslag profiles produced in our own facilities from 50 mm to 260 mm, can be produced by powder coated or anodised in any length.





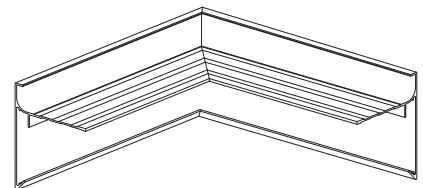
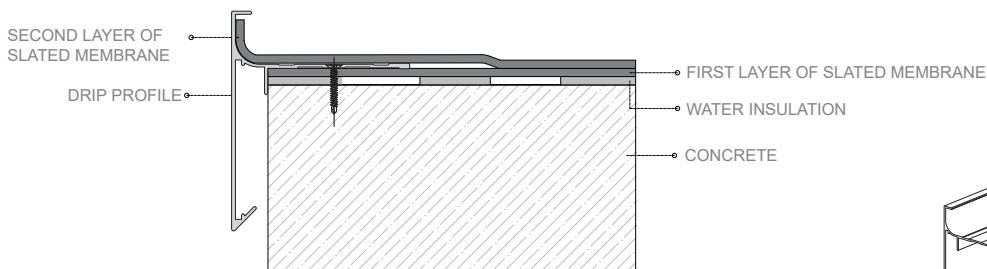
BALCONY, TERRACE AND PARAPET DRIP PROFILE

Dropper profiles can be applied with all kinds of finishing elements such as ceramic, granite and etc. and applications where open terrace and balconies do not require parapet in applications. In bituminous membrane applications, dropper profiles can be used as a final layer of the top layer slated membrane.



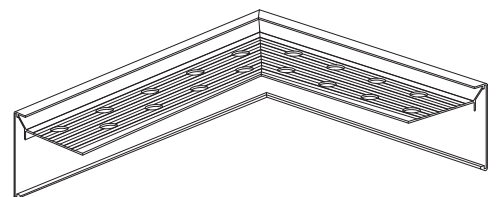
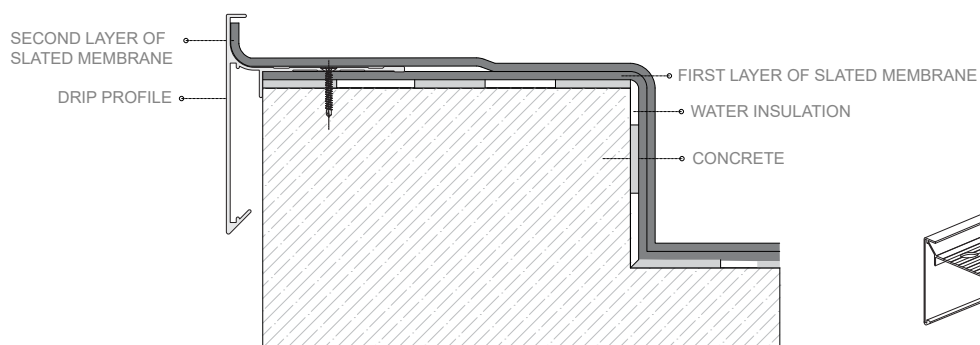


» SLATED MEMBRANE PARAPET FINISHING DETAIL



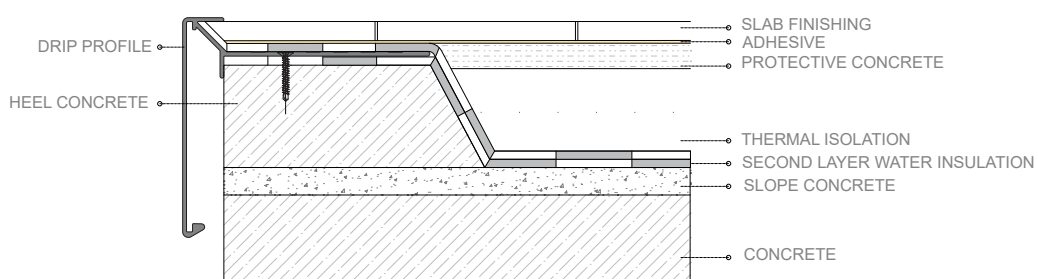
» PARAPET DRIP CORNER DETAIL

» COPPING FINISHING DETAIL



» CONCRETE&TERRACE DRIP CORNER DETAIL

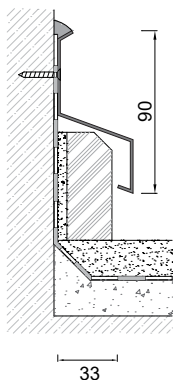
» CERAMIC FINISH BALCONY-TERRACE DETAIL



ALUMINIUM INSULATION PRESSURE PROFILES

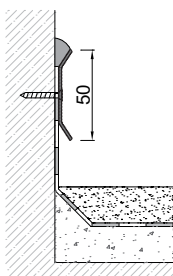
Aluminum Insulation Pressure Profiles are compatible with all kinds of bitumen, PVC, TPO, TPE membrane applications at the end of the insulation details. Surface mounted, recessed models as well as wide flashing types are available.

» AR2001



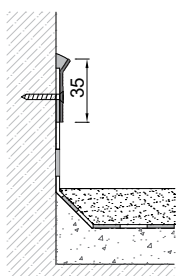
t: 1,5 mm

» AR2002



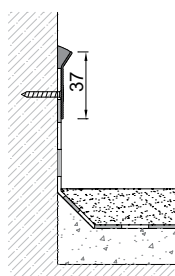
t: 1,6 mm

» AR2004



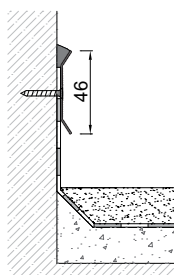
t: 1,9 mm

» AR2006



t: 1,1 mm

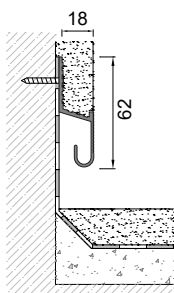
» AR2007



t: 1,1 mm

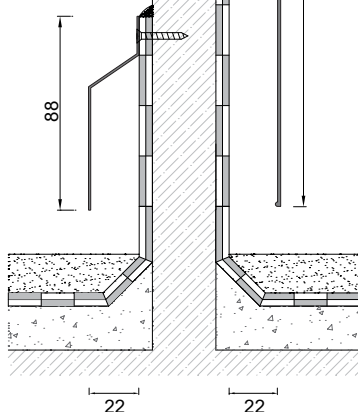


» AR2003



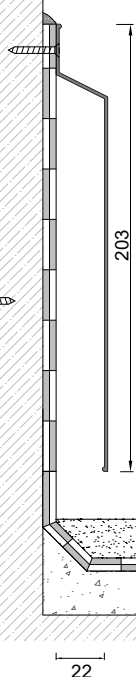
t: 1,6 mm

» AR2008



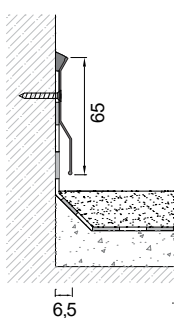
t: 1 mm

» AR2009



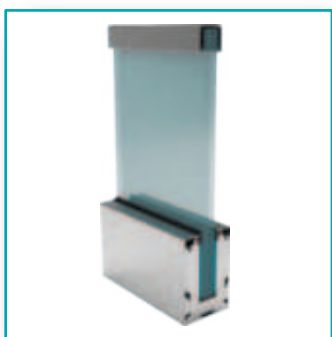
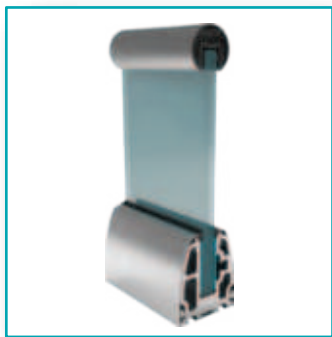
t: 1,4 mm

» AR2005



t: 1 mm



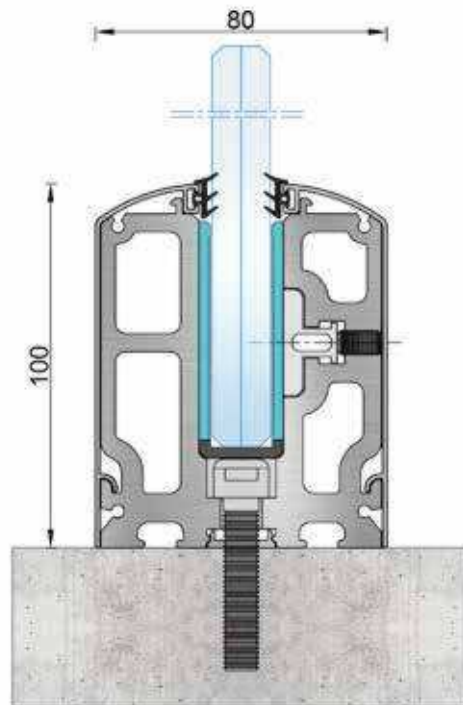


glass rail systems



SMART BASE 80-100 GLASS RAIL SYSTEM

Smart Base 80-100 is an aluminium glass railing system that has 80 mm width, 100 mm height, used with 14-16-18 mm laminated glass. It is a safe and decorative system that can be easily adjusted with adjusting screw on the side. 15 cm of bases are used as 3 pieces in 1 meter. Covered with decorative aluminum cover. Upper cap rail aluminium profile is optional.



Smart Base 01 - 15 cm Base



Smart Base 02 - 30 cm Connection Base



Smart Base 04 - 80-100 Cover Profile



Smart Base 05 - 80-100 End Cap



1738 - Guide Profile 205.8058 - EPDM Gasket





Smart Base 01 - 15 cm Base



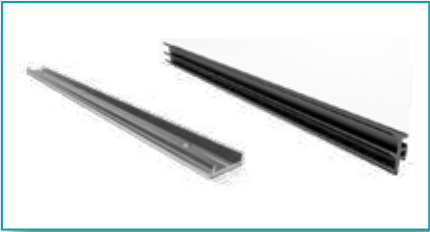
Smart Base 02 - 30 cm Connection Base



Smart Base 08 - 80-101 Cover Profile



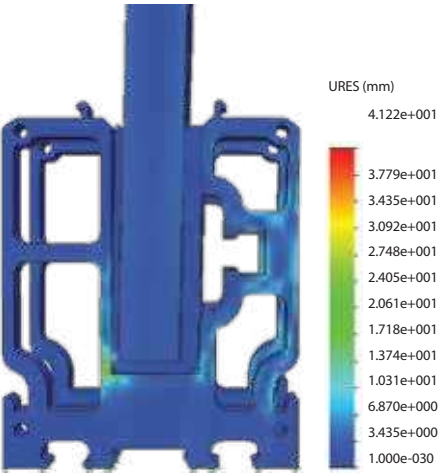
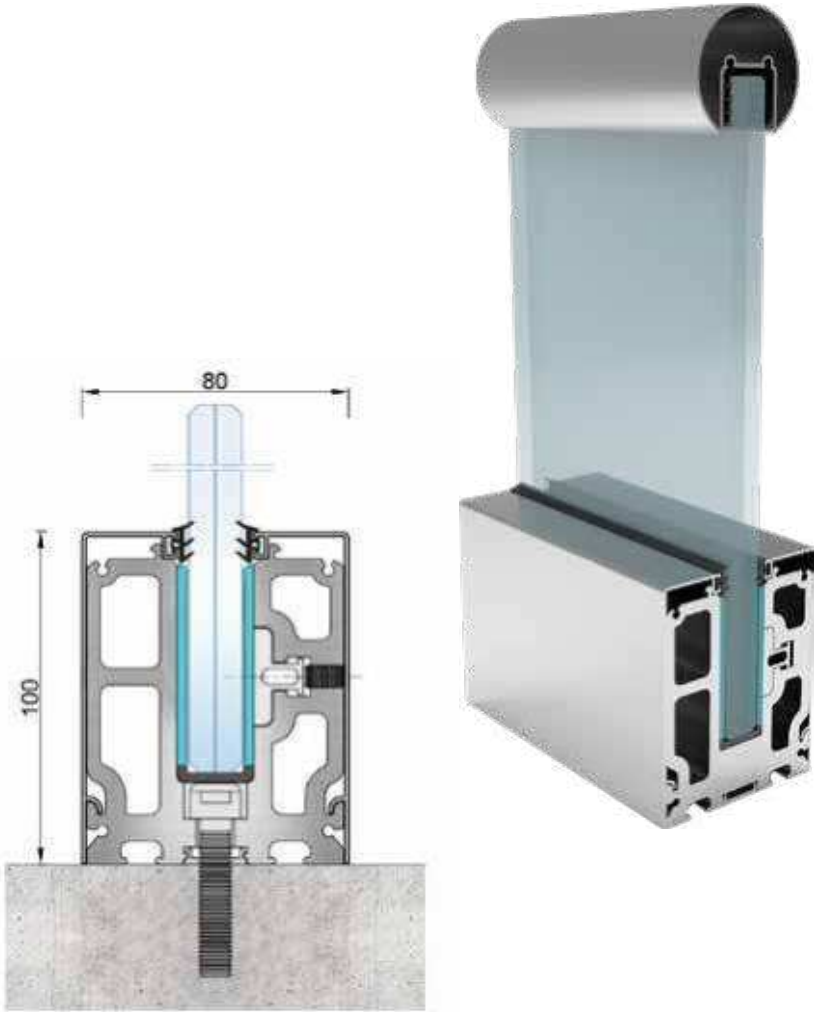
Smart Base 09 - 80-101 End Cap



1738 - Guide Profile 205.8058 - EPDM Gasket

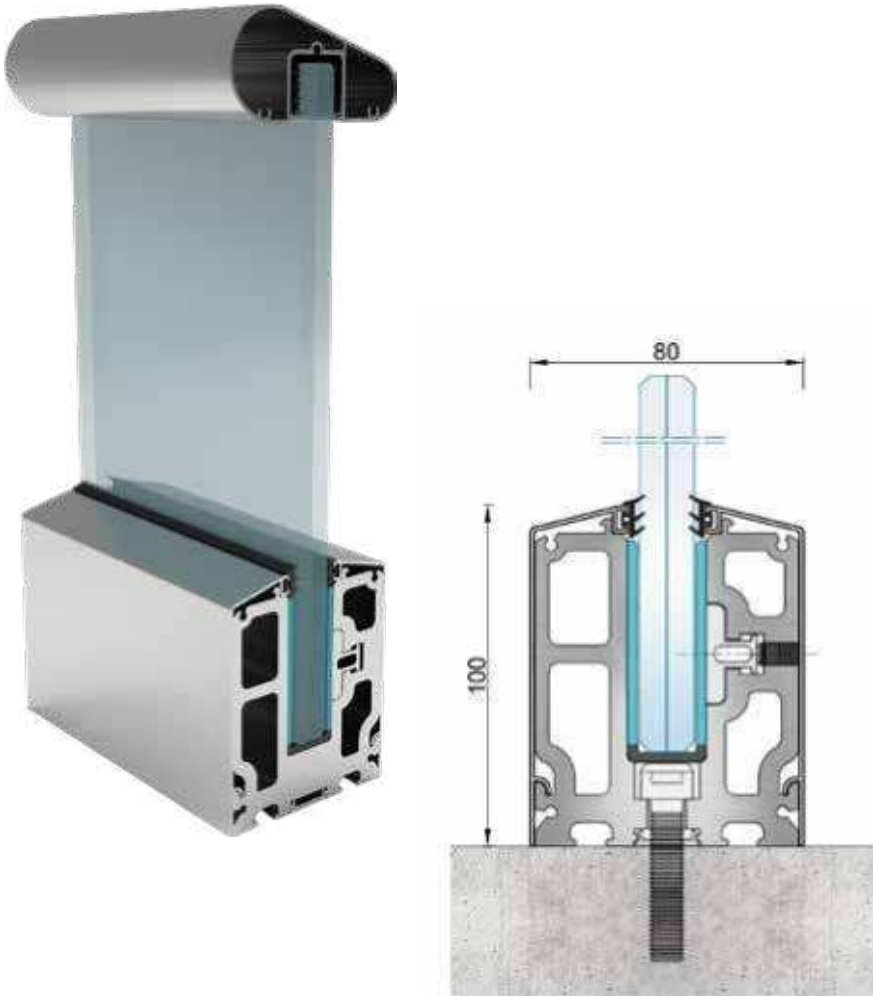
SMART BASE 80-101 GLASS RAIL SYSTEM

Smart Base 80-101 is an aluminium glass railing system that has 80 mm width, 100 mm height, used with 14-16-18 mm laminated glass. It is a safe and decorative system that can be easily adjusted with adjusting screw on the side. 15 cm of bases are used as 3 pieces in 1 meter. Covered with decorative aluminum cover. Upper cap rail aluminium profile is optional.



SMART BASE 80-102 GLASS RAIL SYSTEM

Smart Base 80-102 is an aluminium glass railing system that has 80 mm width, 100 mm height, used with 14-16-18 mm laminated glass. It is a safe and decorative system that can be easily adjusted with adjusting screw on the side. 15 cm of bases are used as 3 pieces in 1 meter. Covered with straight chamfer decorative aluminium cover. Upper cap rail aluminium profile is optional.



Smart Base 01 - 15 cm Base



Smart Base 02 - 30 cm Connection Base



Smart Base 03 - 15x15 Corner Base



Smart Base 10 - 80-102 Cover Profile



Smart Base 11 - 80-102 End Cap



1738 - Guide Profile



205.8058 - EPDM Gasket



SMART BASE K-100 GLASS RAIL SYSTEM

Smart Base K-100 is an aluminium glass railing system that has 80 mm width, 100 mm height, used with 14-16-18 mm laminated glass. It is a safe and decorative system that can be easily adjusted with adjusting screw on the side. 15 cm of bases are used as 3 pieces in 1 meter. Covered with curvilinear decorative aluminum cover. Upper cap rail aluminium profile is optional.



Smart Base 12 - 15 cm K-100 Base



Smart Base 13 - 30 cm K-100 Connection Base



Smart Base 14 - 15x15 K-100 Corner Base



Smart Base 15 - Curvilinear K-100 Cover Profile



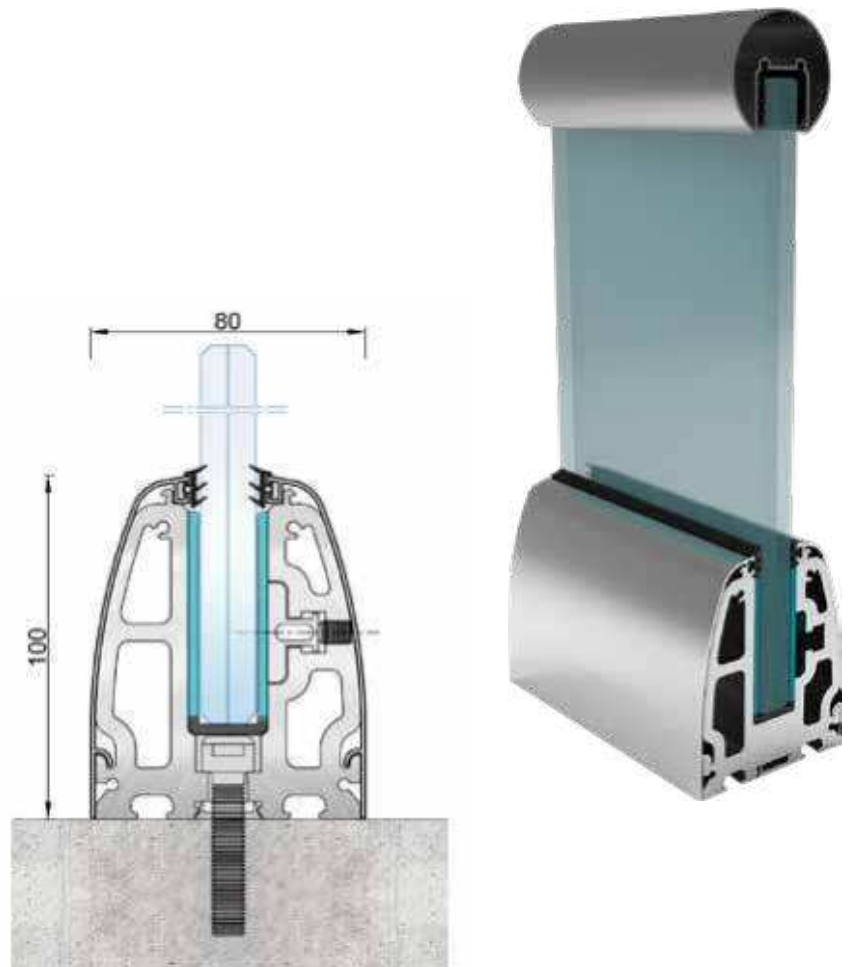
Smart Base 16 - Curvilinear K-100 End Cap



1738 - Guide Profile

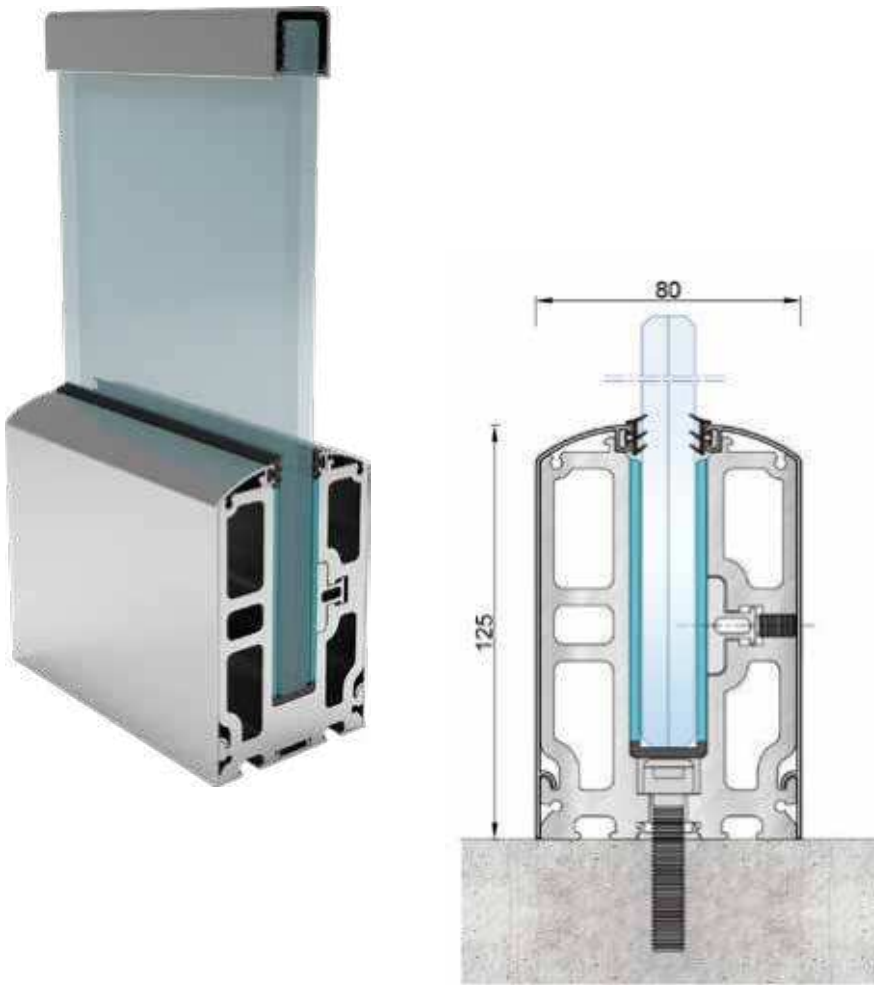


205.8058 - EPDM Gasket



SMART BASE 80-125 GLASS RAIL SYSTEM

Smart Base 80-125 is an aluminium glass railing system that has 80 mm width, 125 mm height, used with 14-16-18 mm laminated glass. It is a safe and decorative system that can be easily adjusted with adjusting screw on the side. 15 cm of bases are used as 3 pieces in 1 meter. Covered with decorative aluminum cover. Upper cap rail aluminium profile is optional.



Smart Base 17 - 15 cm 80-125 Base



Smart Base 18 - 30 cm 80-125 Connection Base



Smart Base 19 - 15x15 80-125 Corner Base



Smart Base 20 - 80-125 Cover Profile



Smart Base 21 - 80-125 End Cap



1738 - Guide Profile



205.8058 - EPDM Gasket

THIN BASE 90 GLASS RAIL SYSTEM

Thin Base 90 is an aluminium glass railing system that has 60 mm width, 90 mm height, used with 14-16-18 mm laminated glass. Easily adjustable due to drilled adjustment holes and screws of Monoblock base. It is a safe and decorative system that can be easily adjusted with adjusting screw on the side. 15 cm of bases are used as 3 pieces in 1 meter. Covered with decorative aluminium cover. Upper cap rail aluminium profile is optional.



THIN BASE 01 - 15 cm Thin Base



THIN BASE 02 - 30 cm Connection Thin Base



THIN BASE 03 - 15x15 cm Corner Thin Base



THIN BASE 04 - Thin base 90 Cover Profile



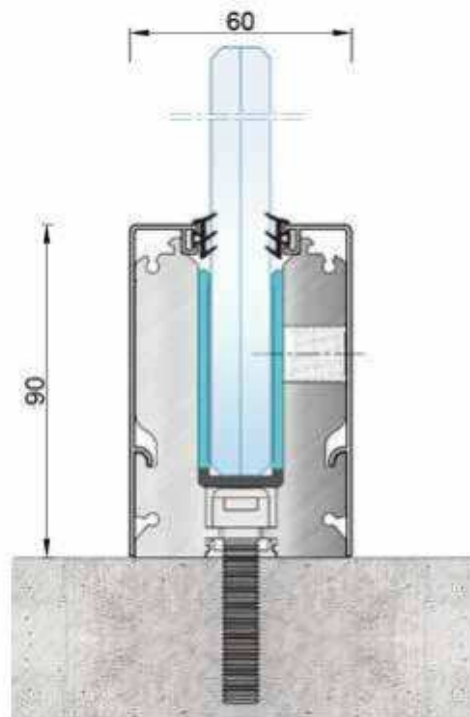
THIN BASE 05 - Thin base 90 End Cap



1738 - Guide Profile

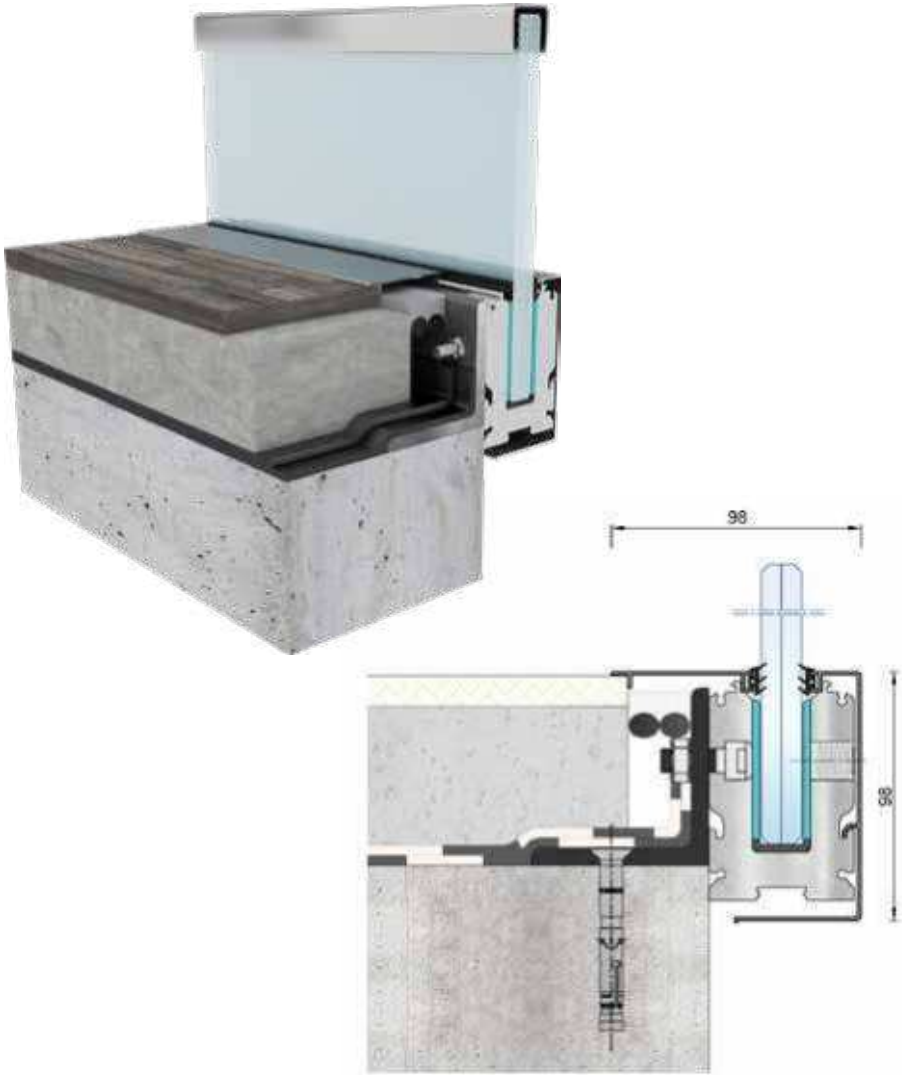


205.8058 - EPDM Gasket



THIN BASE 90-1 GLASS RAIL SYSTEM

Thin Base 90-1 is an aluminium glass railing system that has 60 mm width, 93 mm height, used for balcony and terrace applications decorative glass rail systems. Installation on the forehead of the slab allows saving from the interior space. Increases the view due to the non-appearance of the base. Water does not leak through the wall because of the space placed between the decorative outer cover and flooring. Different finish covers available in different sizes for finishing types.



THIN BASE 01 - 15 cm Thin Base



THIN BASE 02 - 30 cm Connection Thin Base



THIN BASE 03 - 15x15 cm Corner Thin Base



THIN BASE 06 - 90-1 Cover Profile



THIN BASE 07 - 90-1 End Cap



1738 - Guide Profile



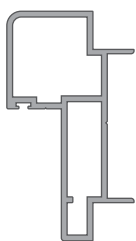
205.8058 - EPDM Gasket



office partition systems



MOLDS



DOOR FRAME PROFILE

Mold Code : 5294
Weight : 1,228 kg / mt



U CONNECTION PROFILE

Mold Code : 5297
Weight : 0,846 kg / mt



MEDIUM HORIZONTAL VERTICAL PROFILE

Mold Code : 5295
Weight : 0,829 kg / mt



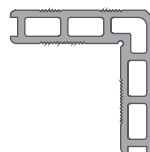
COVER PROFILE

Mold Code : 5298
Weight : 0,201 kg / mt



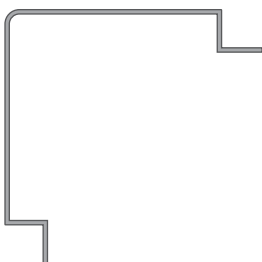
EDGE PROFILE

Mold Code : 5296
Weight : 0,642 kg / mt



DOOR FRAME CORNER WEDGE

Mold Code : 5299
Weight : 1,453 kg / mt



CORNER COVER PROFILE

Mold Code : 0,821 kg / mt



WING SIDE PROFILE

Mold Code : 1896
Weight : 0,200 kg / mt

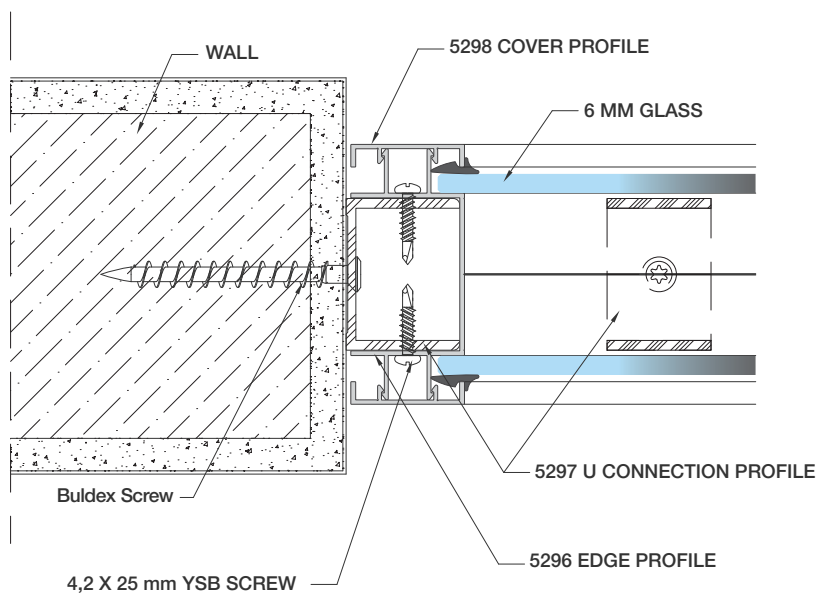
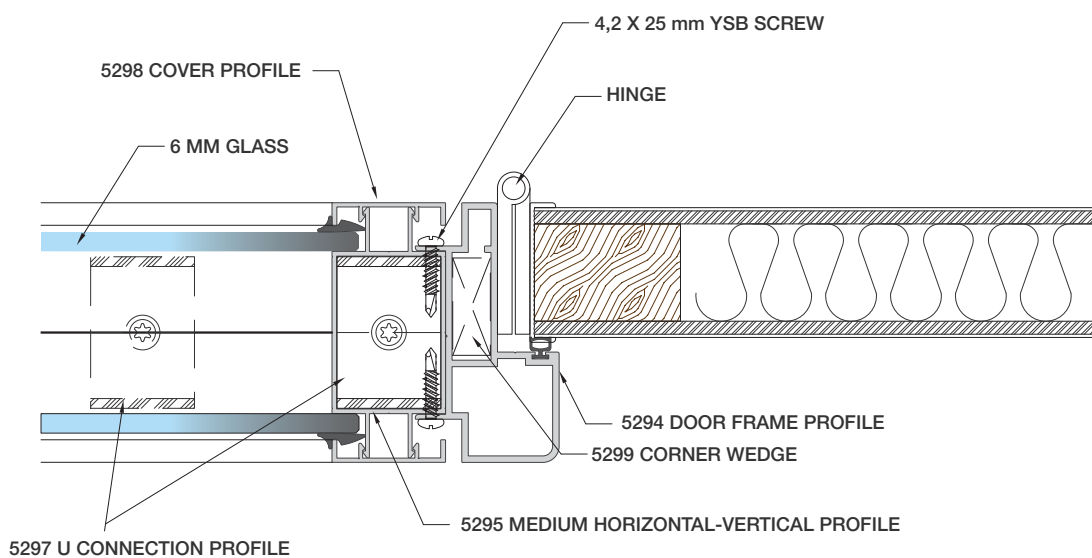
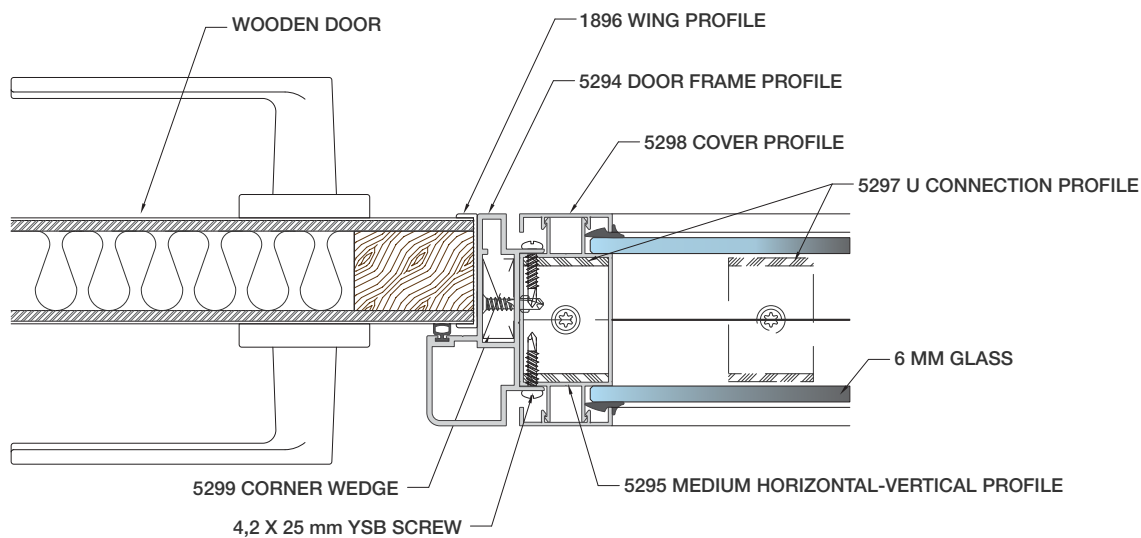


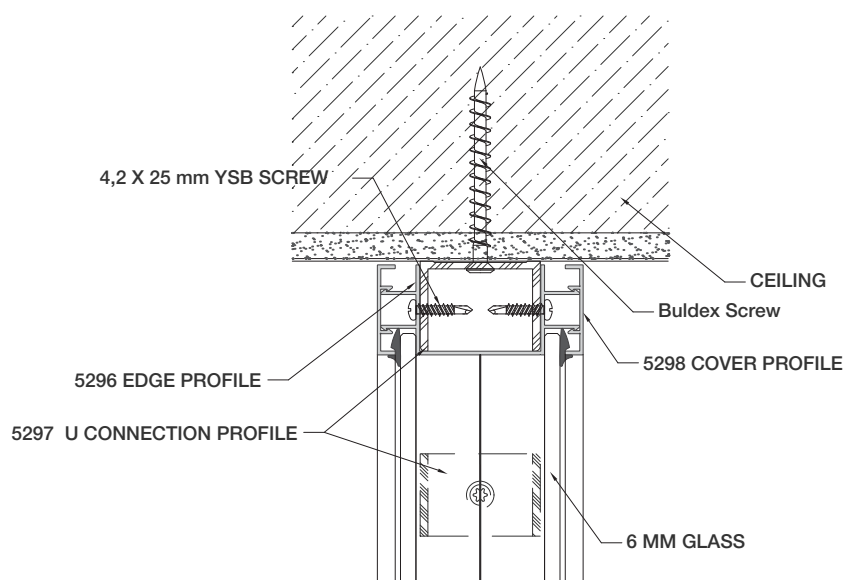
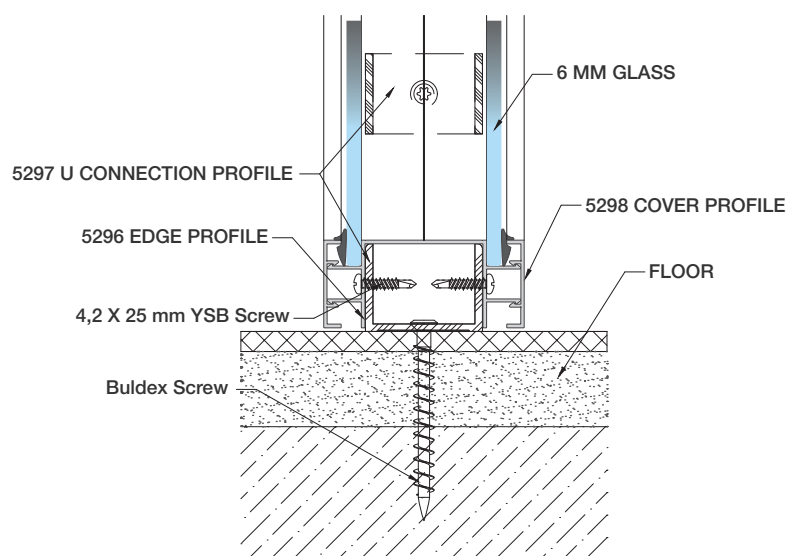
DOOR GASKET

Mold Code : 204.8040



GLASS GASKET

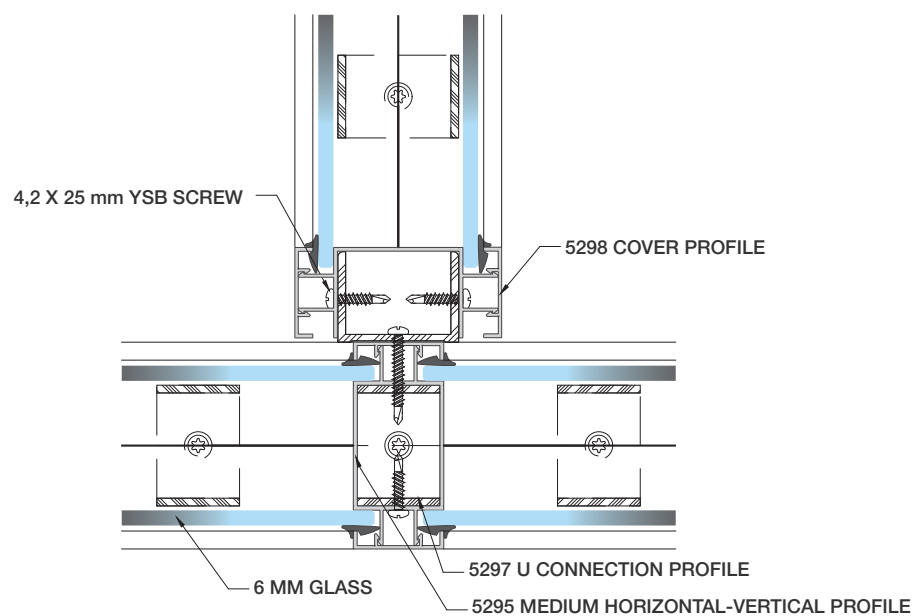
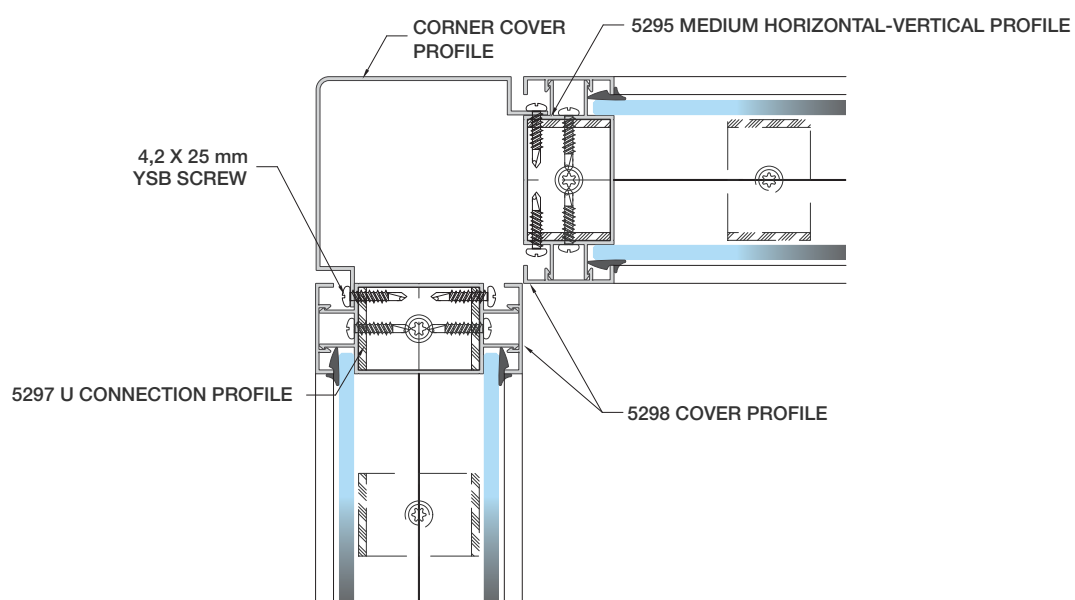
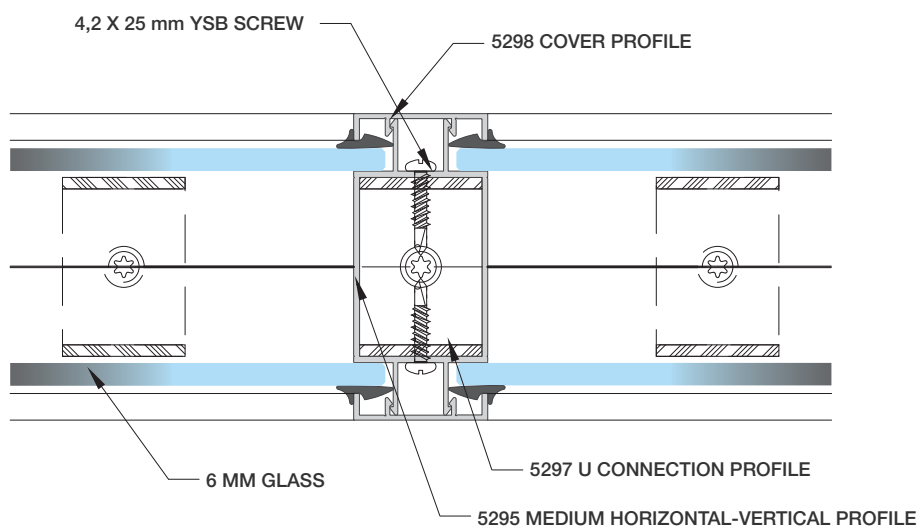




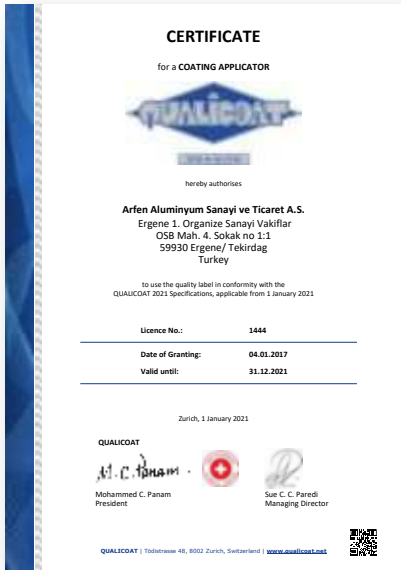
floor detail



ceiling detail









ARFEN CONSTRUCTION MATERIALS COMPANY

Head Office: Atatürk San. Bölgesi Ömerli Mah. Hakkı İleri Cad.
Gölce Sk. No:22 Hadımköy - Arnavutköy / İSTANBUL
Tel: +90 212 485 16 15 - **Fax:** +90 212 771 25 79 - www.arfen.com

ARFEN ALUMINIUM COMPANY

Ergene / TEKİRDAĞ - www.arfenaluminyum.com.tr

ARFEN BUILDING AND BRIDGE TECHNOLOGY

Dilovası / Kocaeli - www.arfen.com.tr

TURKEY