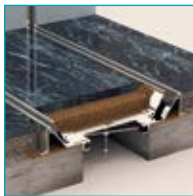


2020 - 2021



w w w . a r f e n . c o m

We Build Solutions

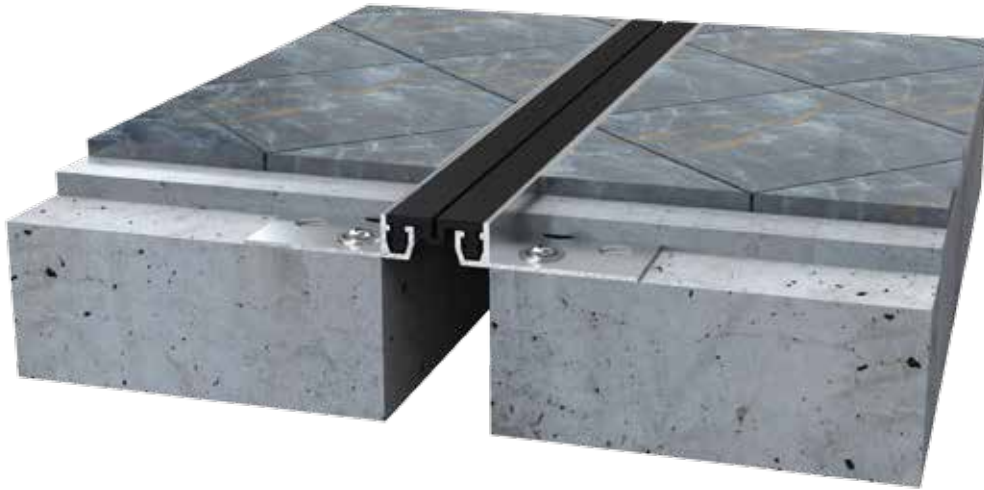


We're celebrating 20 years!

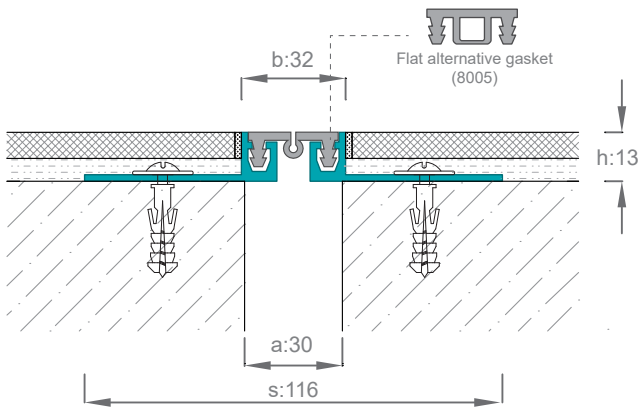


EXPANSION JOINT PROFILES

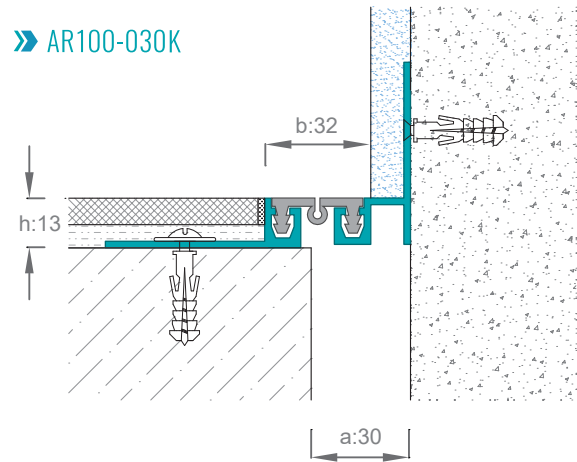
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



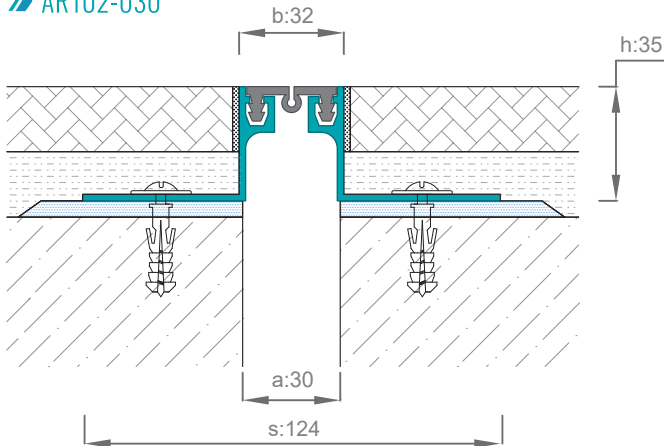
» AR100-030



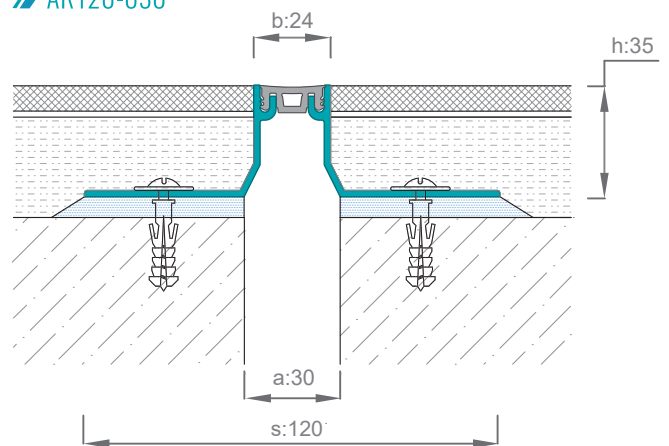
» AR100-030K



» 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.

APPLICATIONS

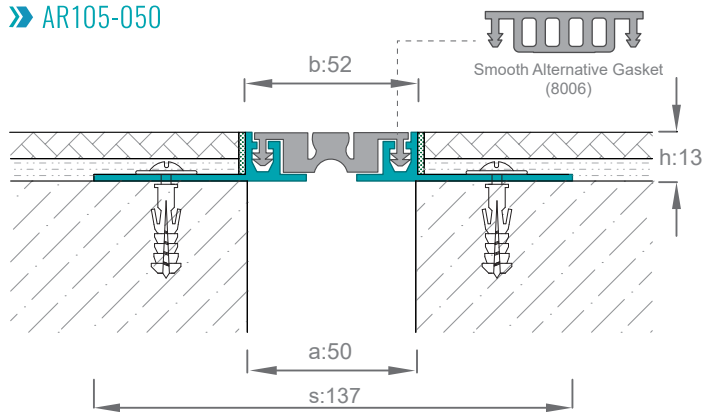


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 100 - 030	Used in Ceramic, Suitable 8-10 mm	30	32	13	116	Mill Finish Alu.+TPE	±10	Pedestrian Load
AR 100 - 031	Used in Ceramic, Suitable 12-14 mm	30	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

FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



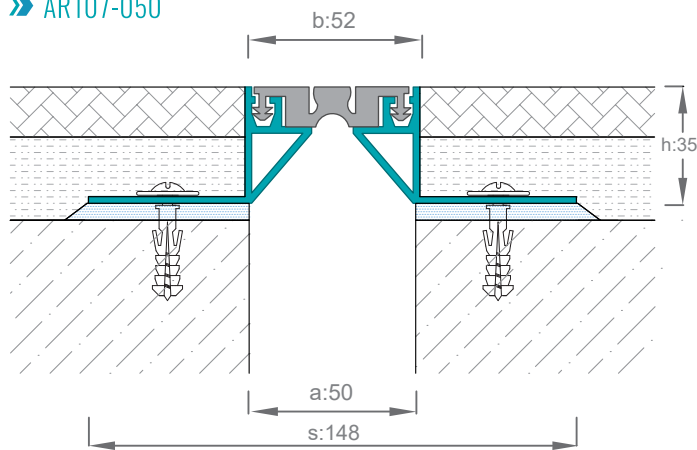
» AR105-050



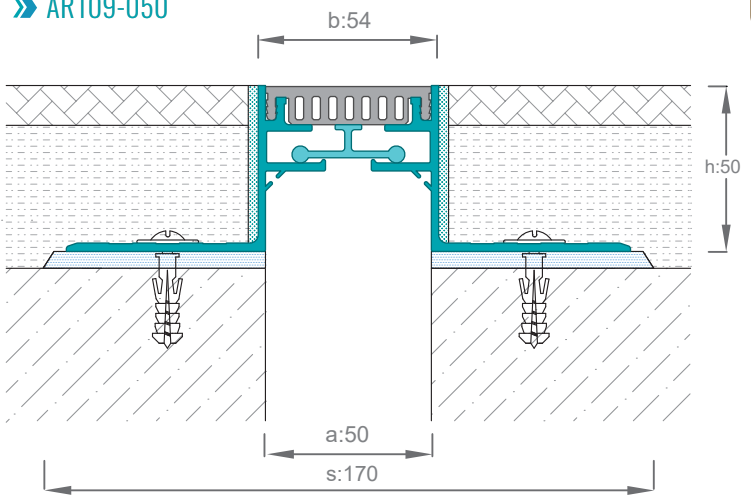
» AR105-050K



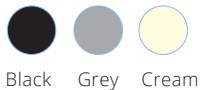
» AR107-050



» 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.

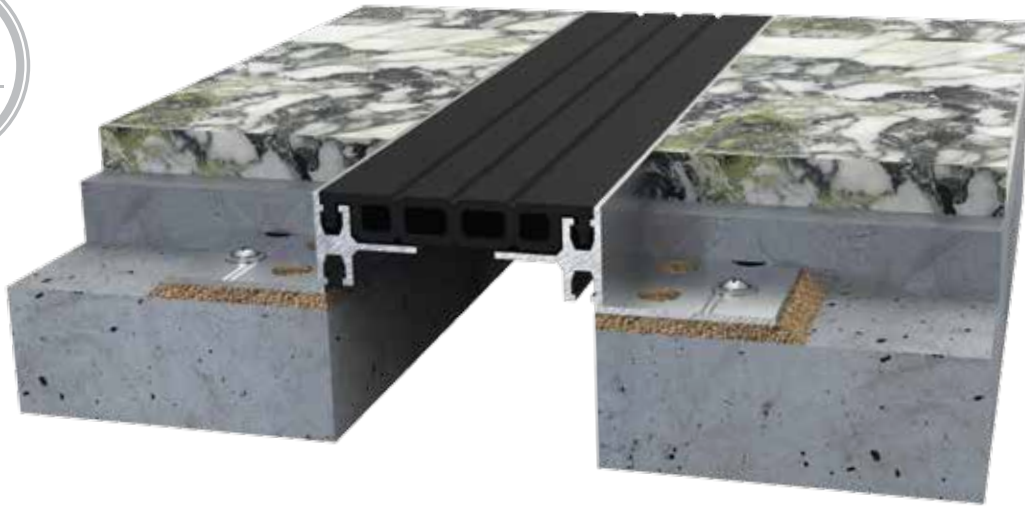
APPLICATIONS



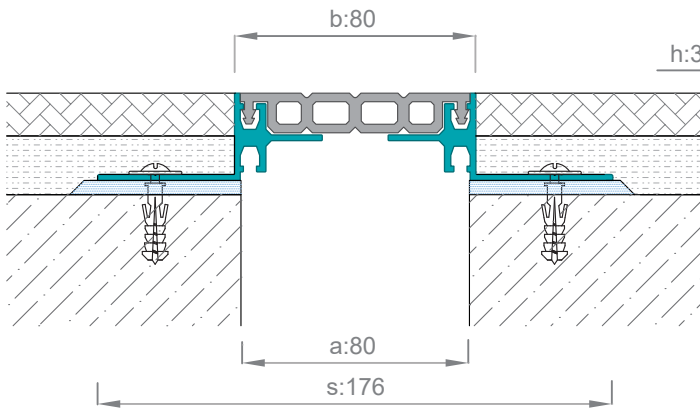
Gasketed type Floor, Wall, Ceiling Profiles.

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

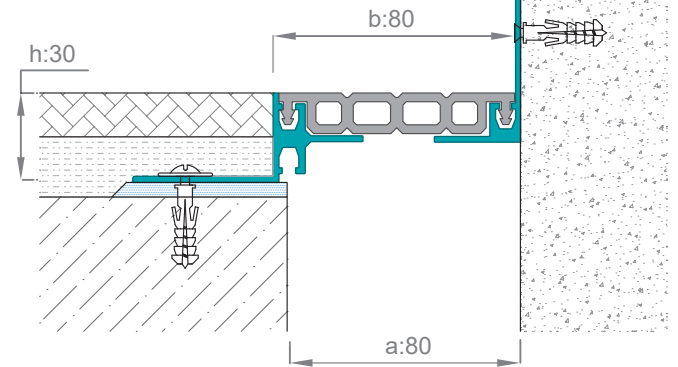
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



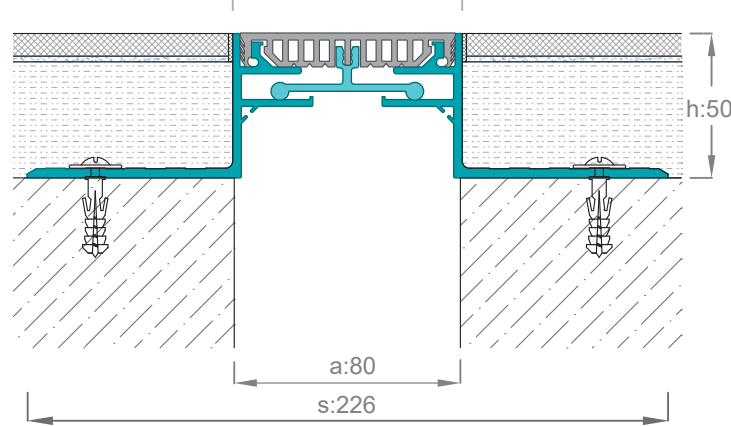
» AR106-080



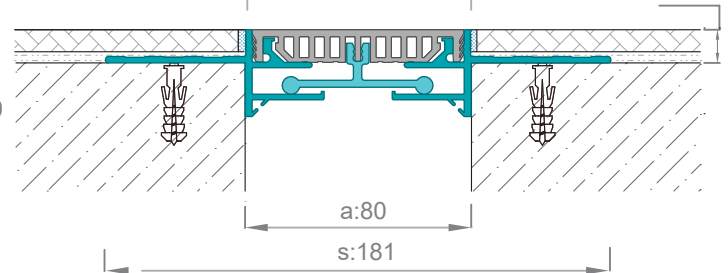
» AR106-080K



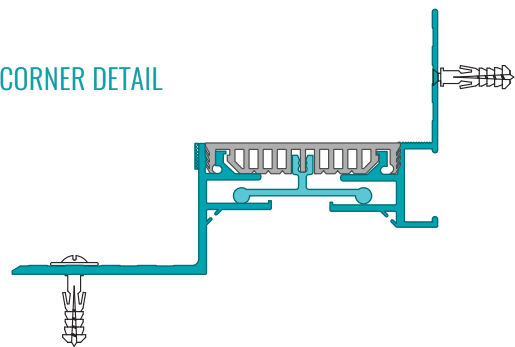
» AR109-080



» AR109-081



» CORNER DETAIL



GASKET COLOURS



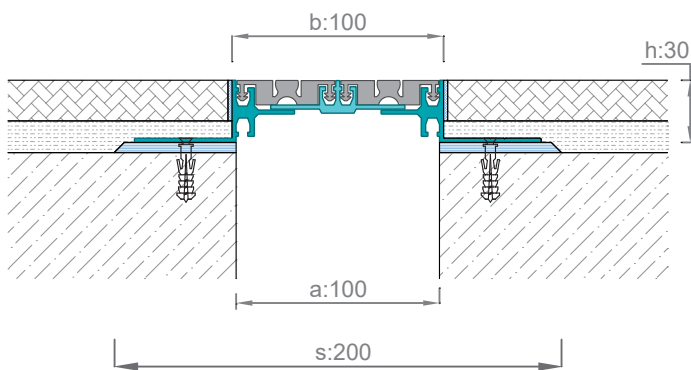
Under finish Expansion Joint Profiles suitable for 80 mm gaps. Utilized in areas where subjected to pedestrian load.

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 734-100	Suitable for open-closed carparks, screed asphalt and etc	100	150	50	240	Mill Finish Alu.+TPE	±50	30 Ton

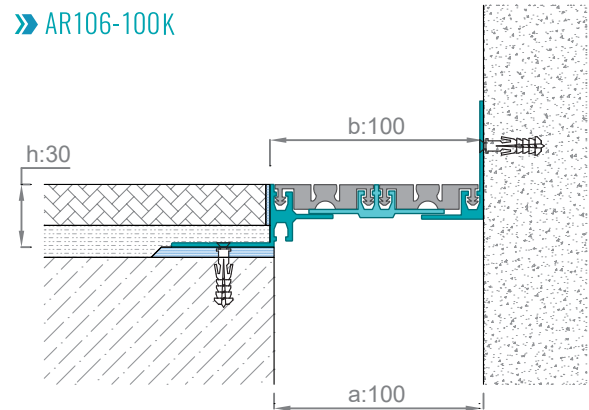
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



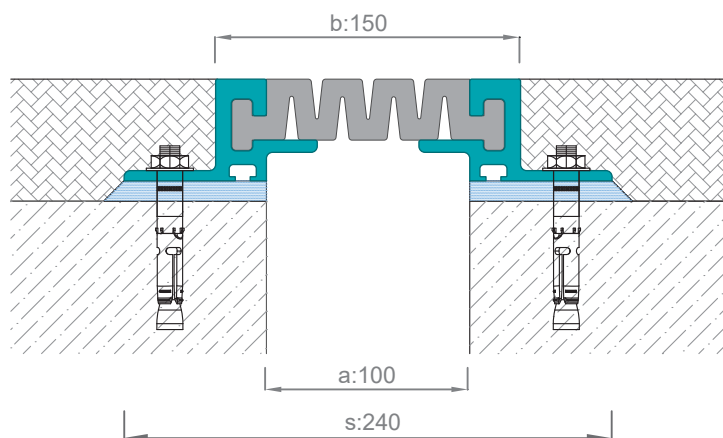
» AR106-100



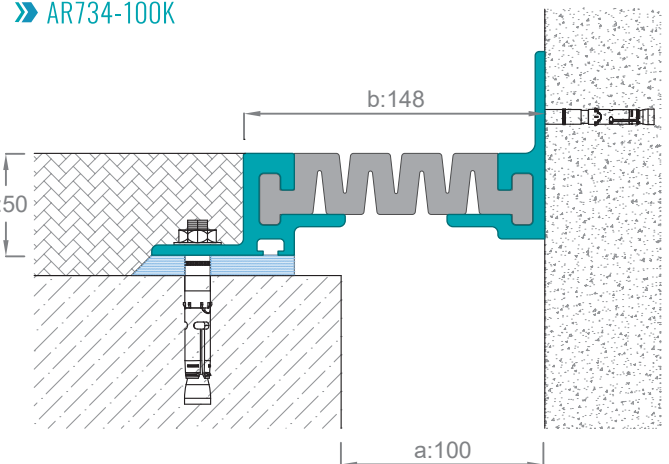
» AR106-100K

Gasketed type Floor,
Wall, Ceiling Profiles.

» 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.

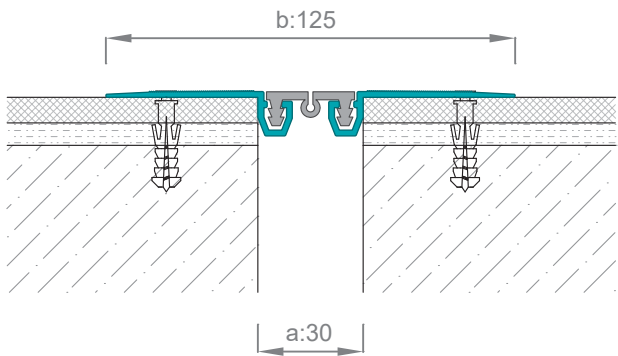
APPLICATIONS



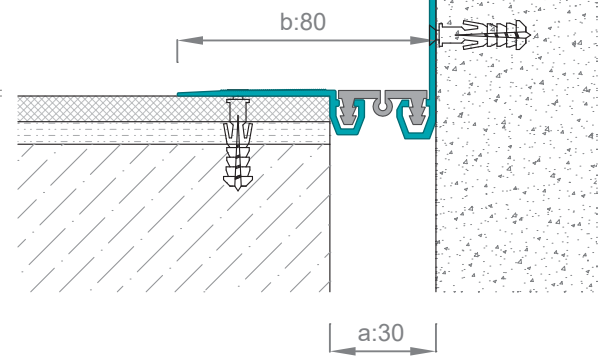
SURFACE MOUNTED FLOOR EXPANSION JOINT PROFILES



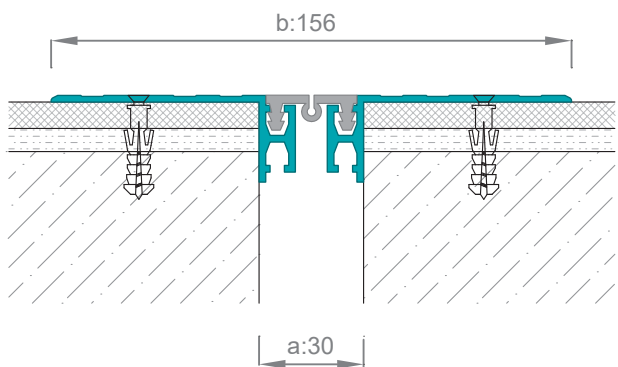
» AR152-030



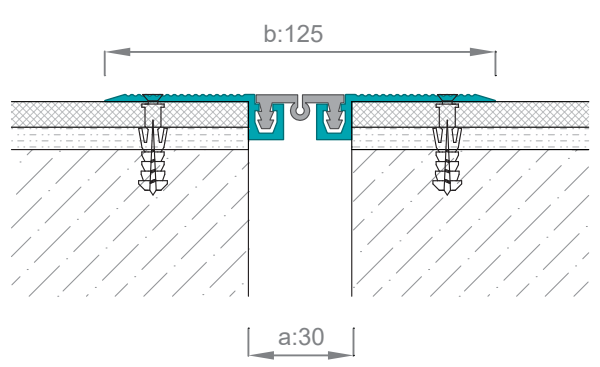
» AR152-030K



» 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

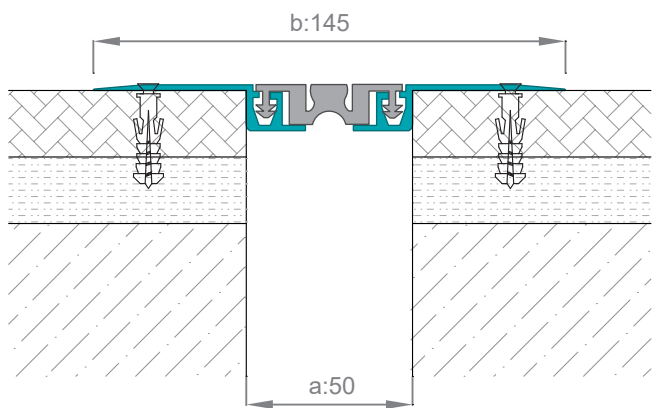


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 150-030	Anodised decorative and wide	30	156	24	156	Anodised Alu.+TPE	±10	Pedestrian Load
AR 152-030	Anodised screw holed, decorative and narrow	30	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

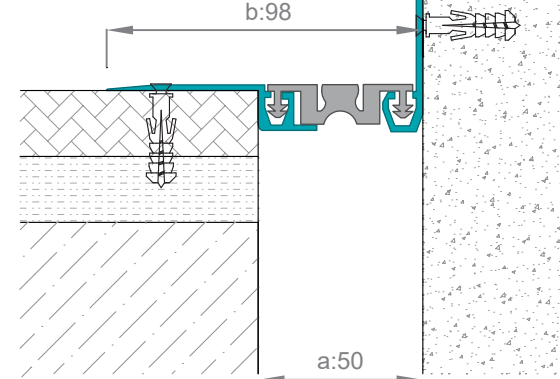
SURFACE MOUNTED FLOOR EXPANSION JOINT PROFILES



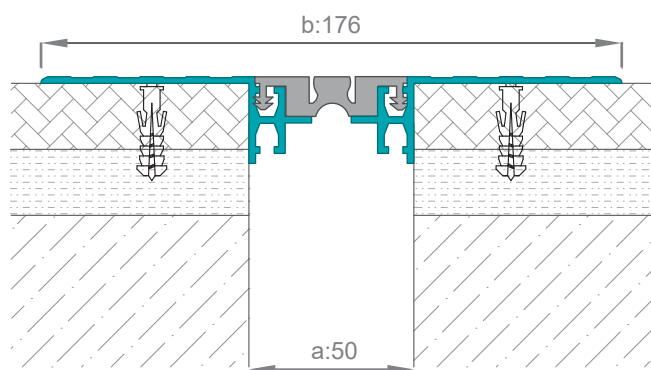
» AR153-050



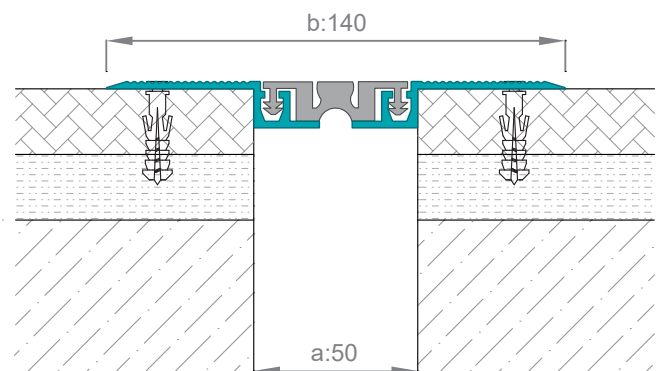
» AR153-050 K



» AR151-050



» AR154-050



GASKET COLOURS



Black Grey Cream

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

APPLICATIONS

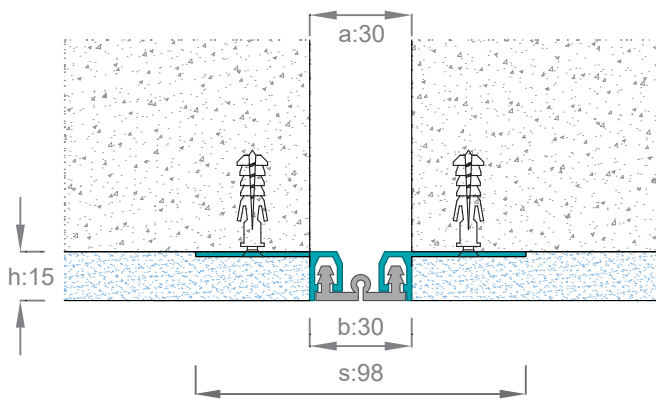


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 151 - 050	Anodised and wide top surfaced.	50	176	24	176	Anodised Alu.+TPE	±10	Pedestrian Load Light
AR 151 - 051	Anodised and wide top surfaced(Economic)	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

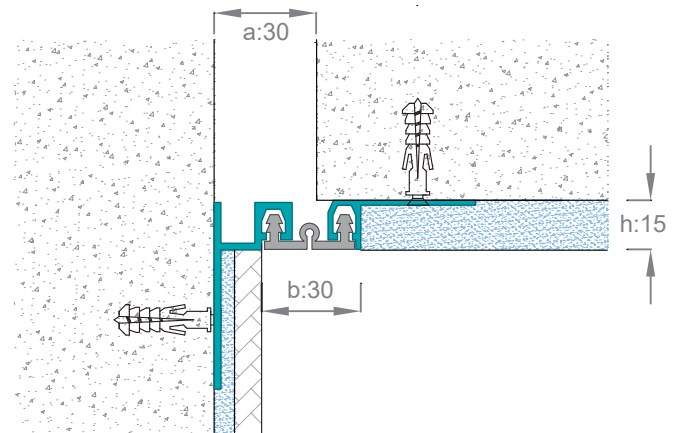
FLUSH MOUNTED WALL AND CEILING PROFILES



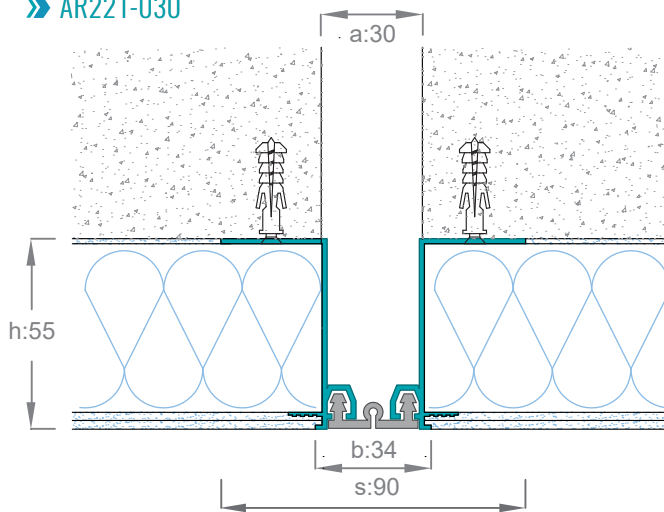
» AR200-030



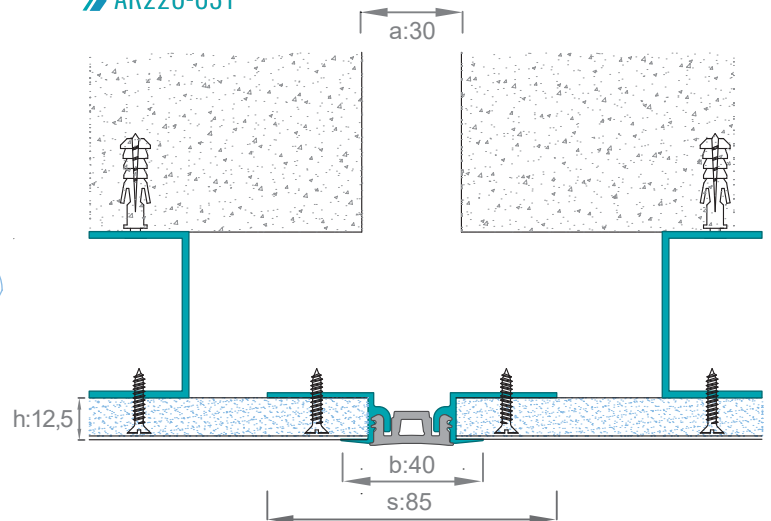
» AR200-030K



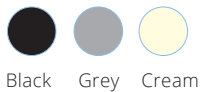
» AR221-030



» 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.

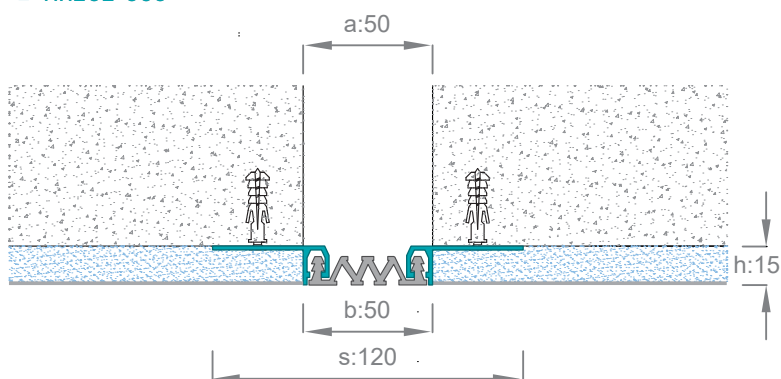


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 200 - 030	Suitable for 12 mm Plaster, Ceramic, Drywall	30	30	15	98	Mill Finish Alu.+TPE	±10
AR 200 - 031	Suitable for 14-18 mm Plaster, Ceramic, Drywall	30	30	20	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

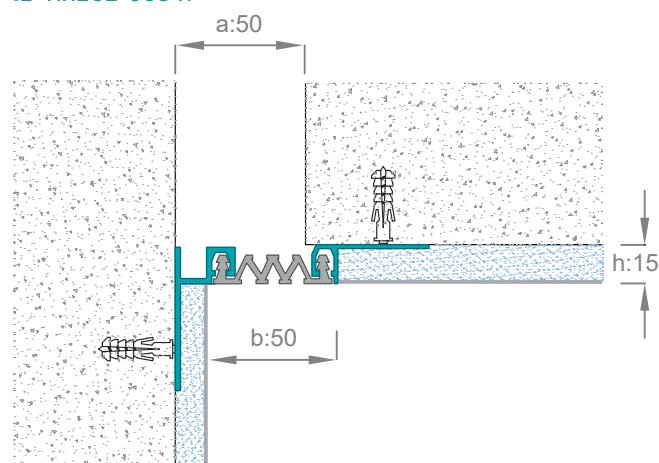
FLUSH MOUNTED WALL AND CEILING PROFILES



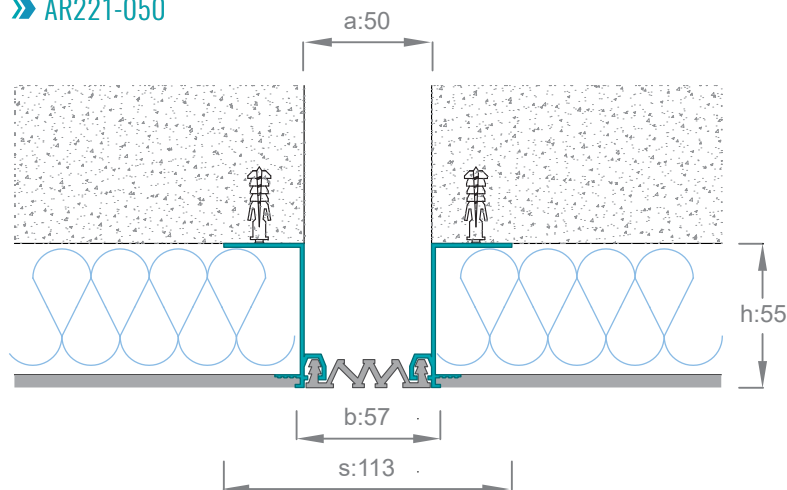
» AR202-050



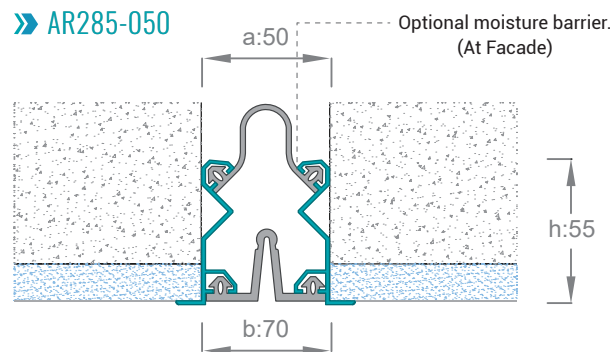
» AR202-050 K



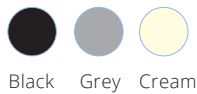
» AR221-050



» AR285-050



GASKET COLOURS



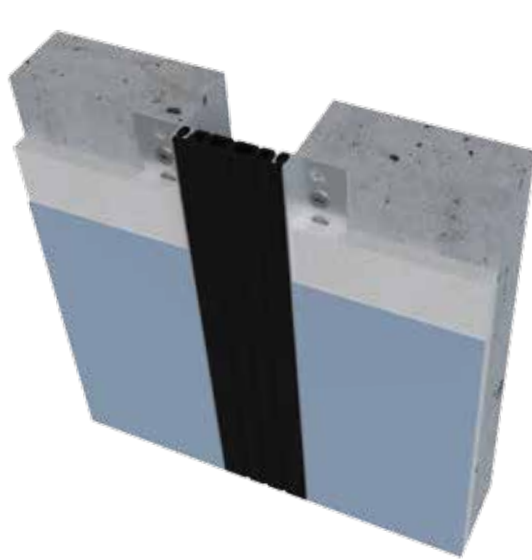
These Expansion Joint profiles suitable for 50 mm gap and used on appropriate plaster, ceramic, drywall and thermal isolation boards. Each design has corner profile option and different foot length.

APPLICATIONS



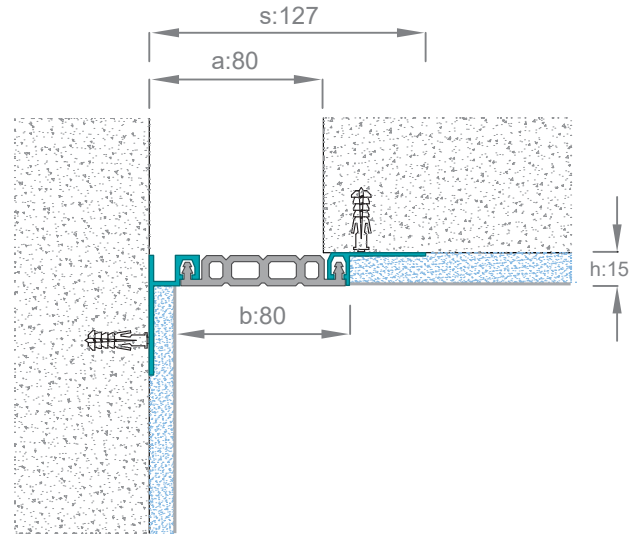
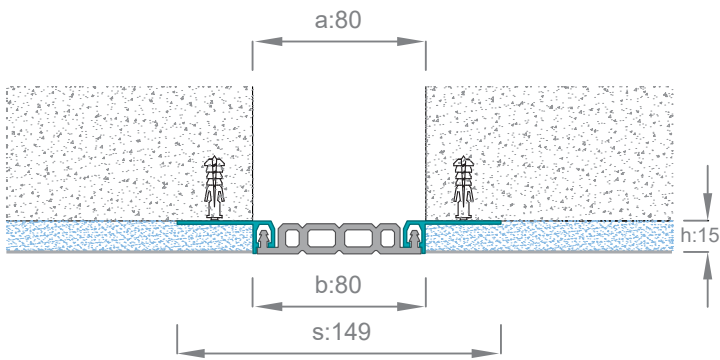
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 202 - 050	Suitable for ceramic, drywall and etc. / wall gasketed	50	50	15	120	Mill Finish Alu.+TPE	±20
AR 202 - 051	Suitable for ceramic, drywall and etc. / floor 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

FLUSH MOUNTED WALL AND CEILING PROFILES



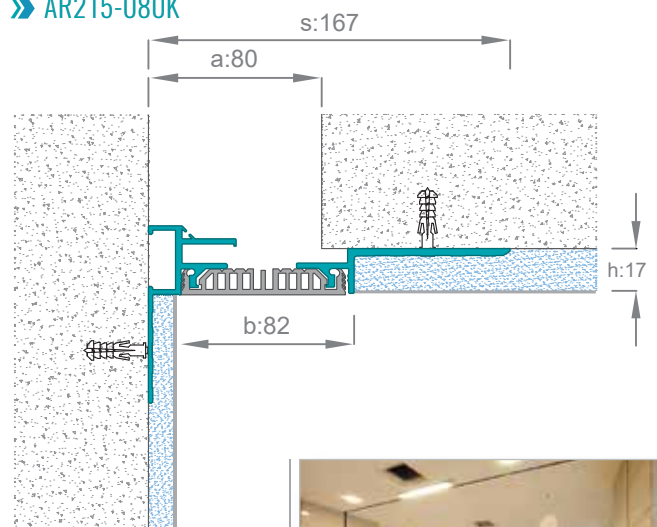
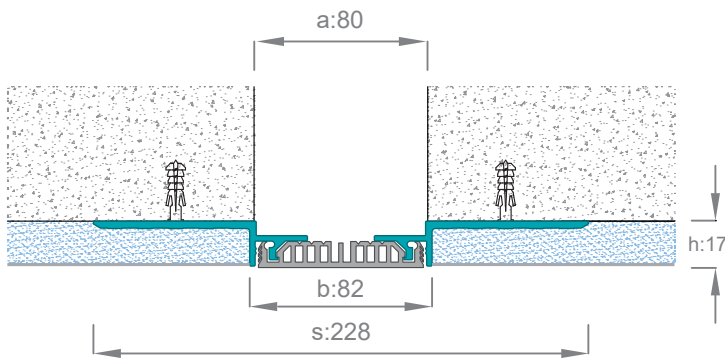
» AR202-080

» AR202-080K

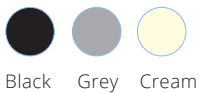


» AR215-080

» 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

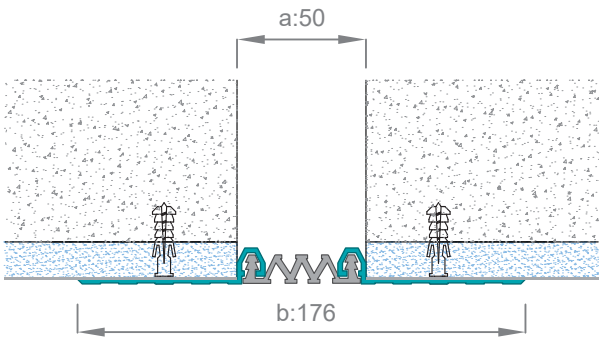


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 202 - 080	Suitable with (AR 106-80) screed, ceramic and etc. with flat gasket detail.	80	80	15	149	Mill Finish Alu.+TPE	±10
AR 215 - 080	Suitable with (AR 109-80)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

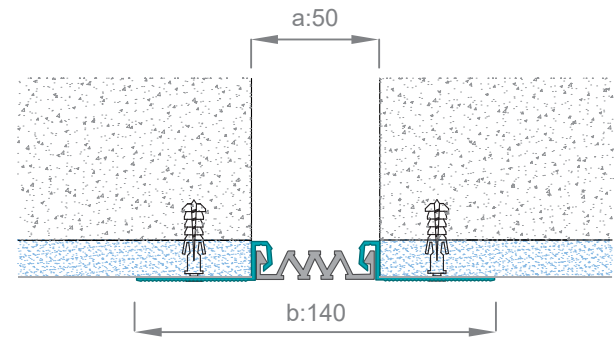
SURFACE MOUNTED WALL AND CEILING PROFILES



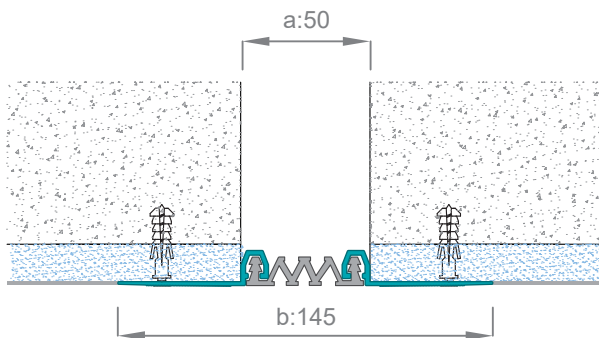
» AR252-050



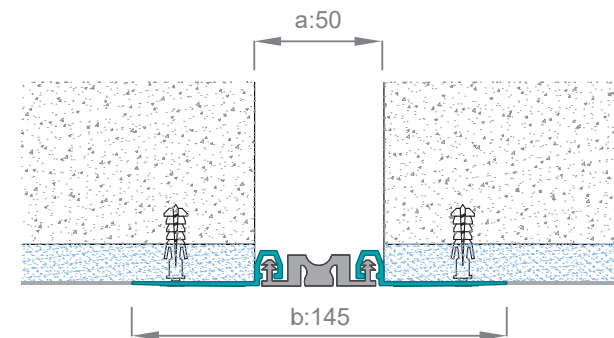
» AR254-050



» AR262-050



» AR262-051



GASKET COLOURS



Black Grey Cream

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)

APPLICATIONS

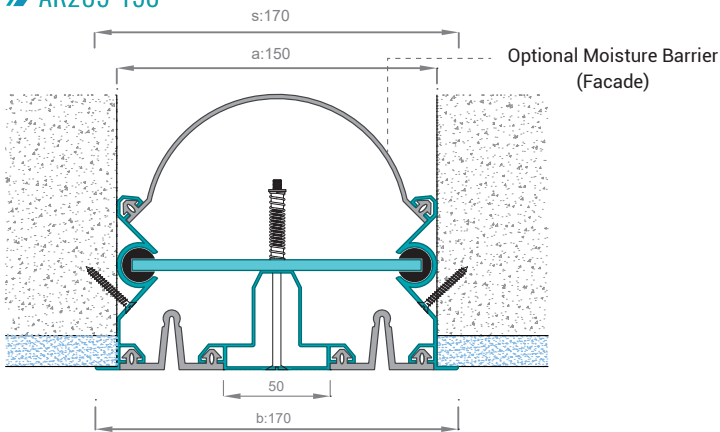


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 252 - 050	Anodised wide top surface	50	176	12	176	Anodised Alu.+TPE	±20
AR 252 - 051	Anodised wide top surface (Floor gasketed)	50	176	12	176	Anodised Alu.+TPE	±10
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

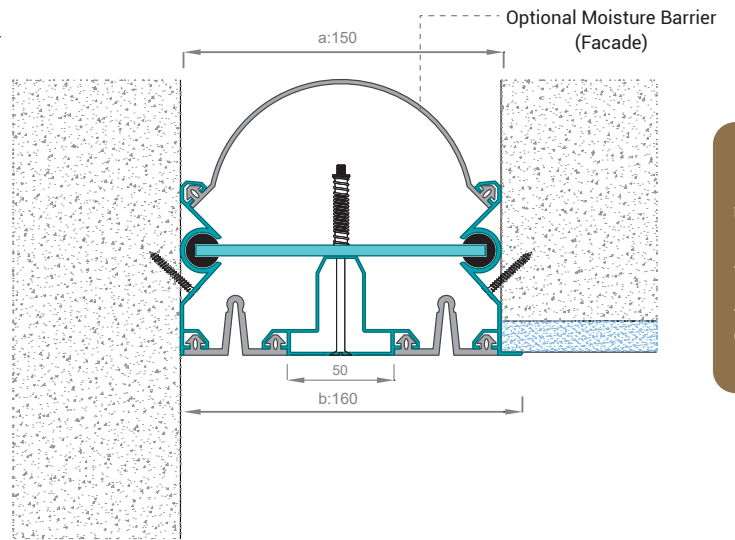
SURFACE MOUNTED WALL AND CEILING PROFILES



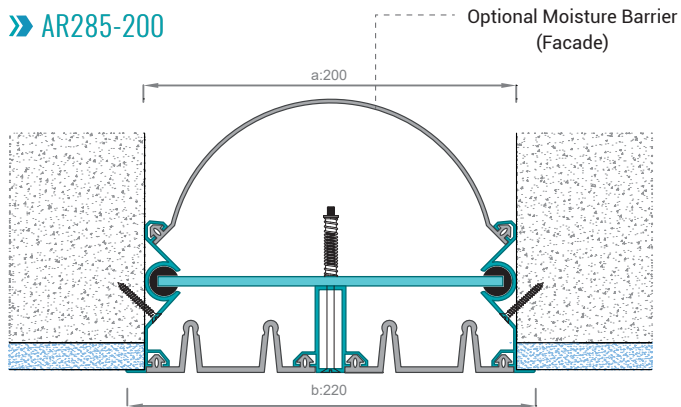
» AR285-150



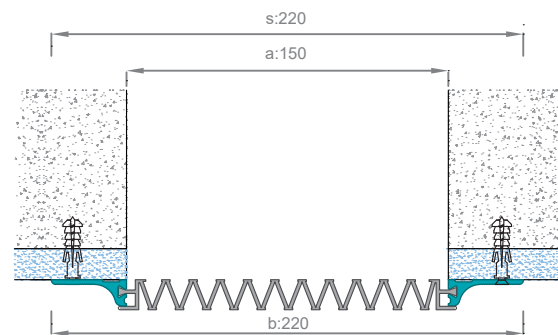
» AR285-150 K



» 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.

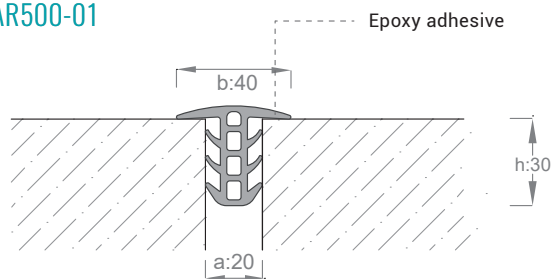
APPLICATIONS



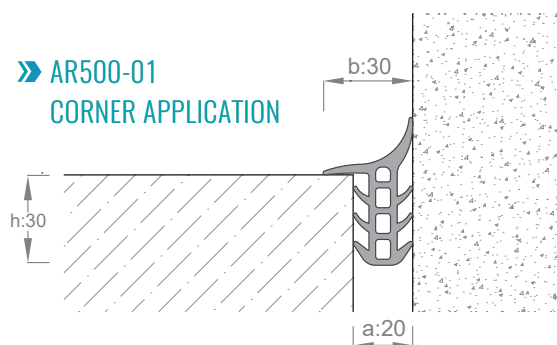
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 285 - 150	Suitable for internal or external areas (seismic)	150	170	80	170	Mill Finish Alu.+TPE	±75
AR 295 - 150	Mill Finish, screw holed, accordion gasketed.	150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



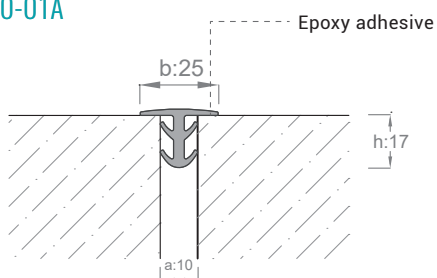
» AR500-01



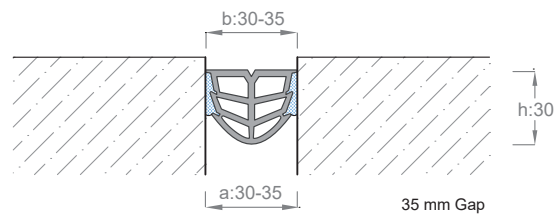
» AR500-01
CORNER APPLICATION



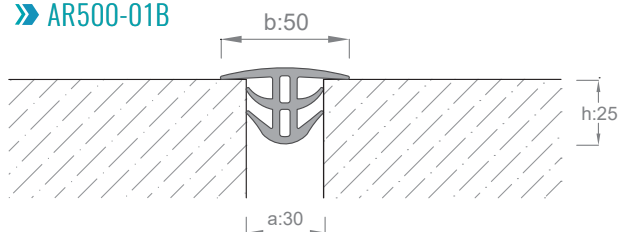
» AR500-01A



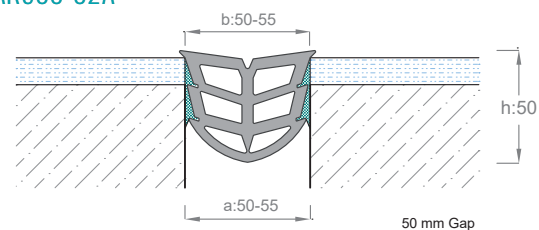
» AR500-02



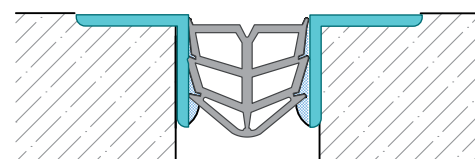
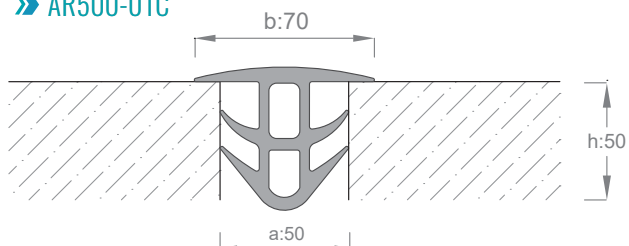
» AR500-01B



» AR500-02A



» AR500-01C



50 mm gap for stainless steel corner

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

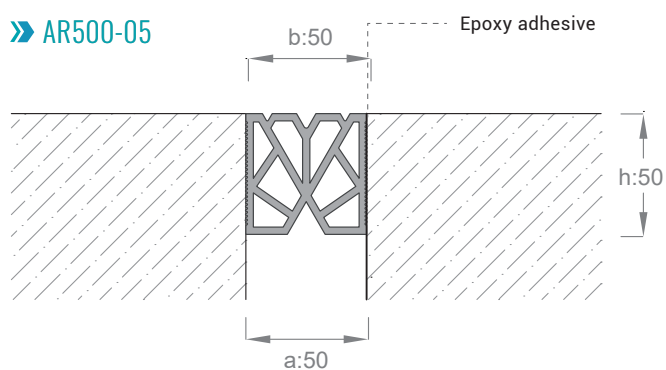
APPLICATIONS



PROFILES FOR THERMOPLASTIC ELASTOMER

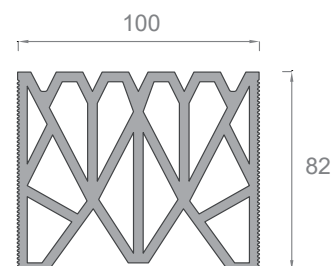
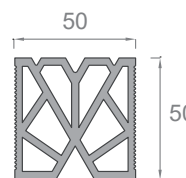


» AR500-05

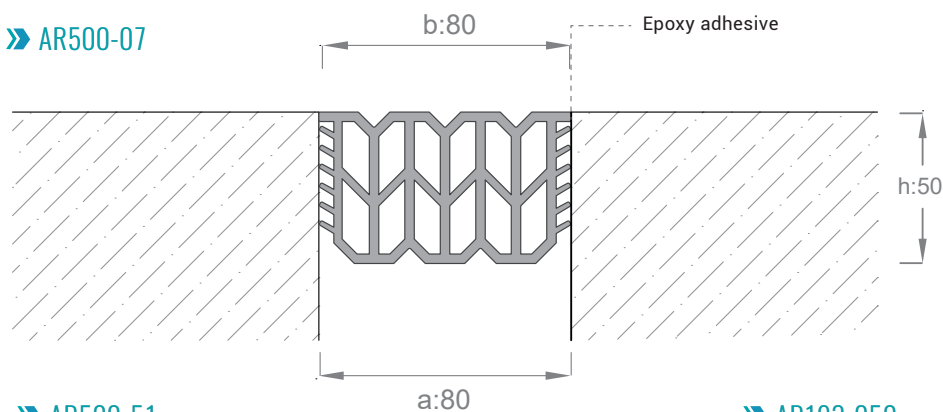


» AR500-06

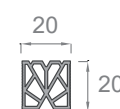
» AR500-05



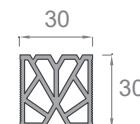
» AR500-07



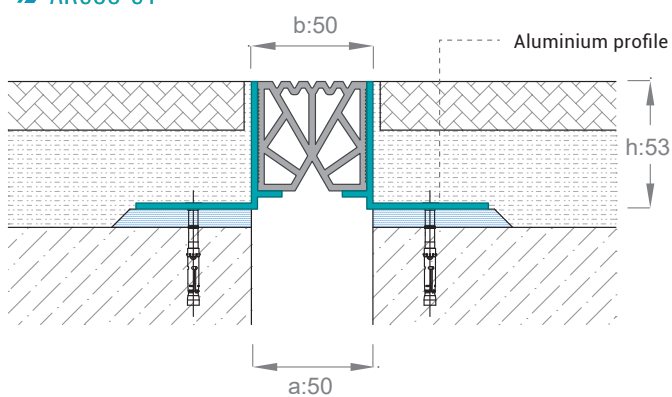
» AR500-03



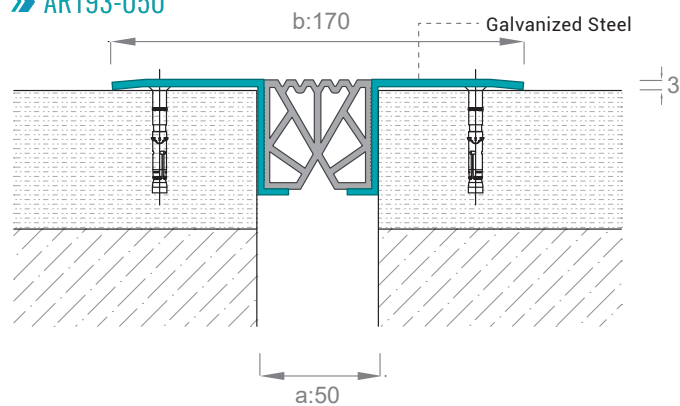
» AR500-04



» AR500-51



» AR193-050

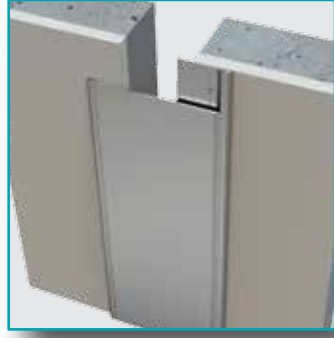
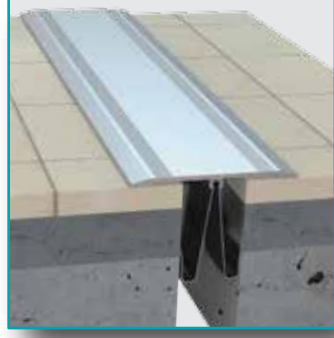
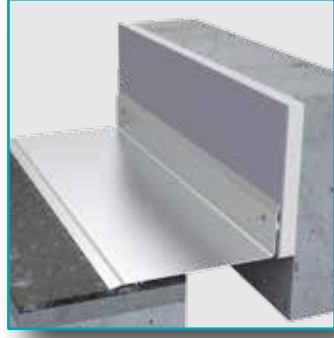


Products made from Thermoplastic elastomer material are suitable for 30, 50, 100 mm gaps and used in floors, walls and ceilings.

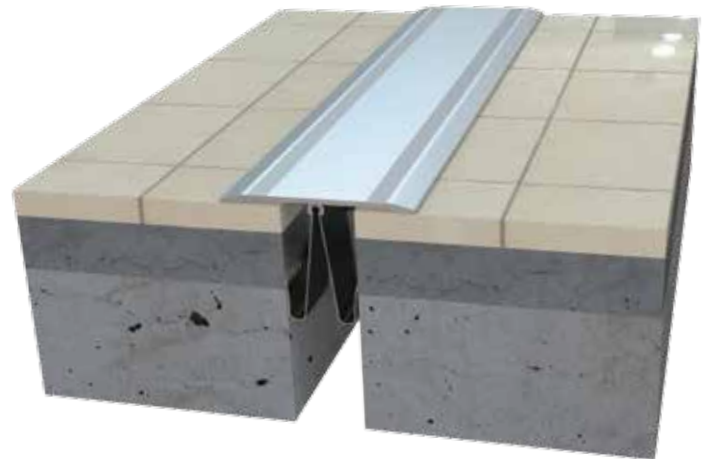
APPLICATIONS



Gasketed type Floor, Wall, Ceiling Profiles.



Floor, Wall, Ceiling, cover profiles



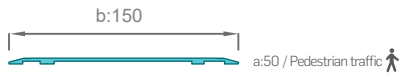
» AR100ZD



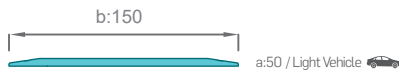
» AR120ZD



» AR150ZD



» AR151ZD



» AR200ZD



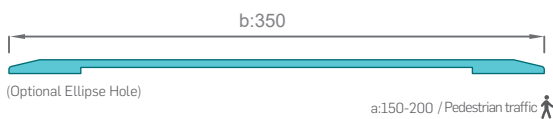
» AR201ZD



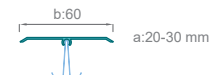
» AR250ZD



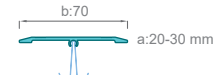
» AR350ZD



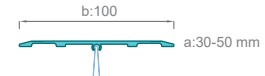
» AR60DT



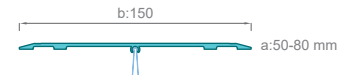
» AR70ZD



» AR100ZD1



» AR150ZD1



» AR150DT1



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

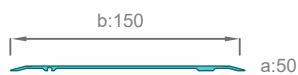
» AR100DT



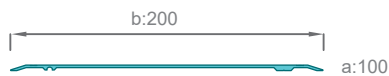
» AR120DT



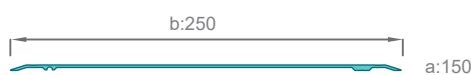
» AR150DT



» AR200DT



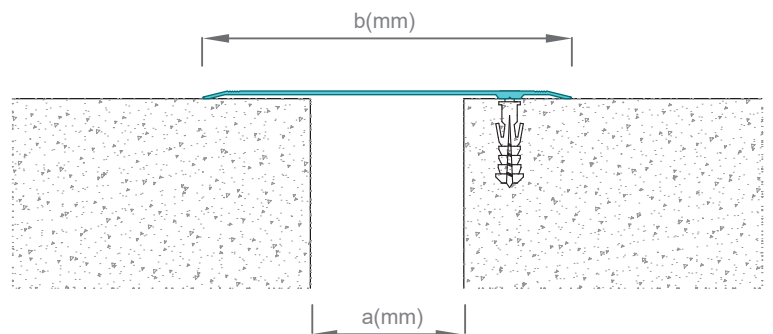
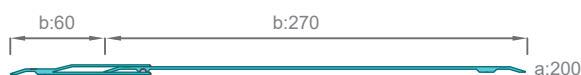
» AR250DT



» AR270DT

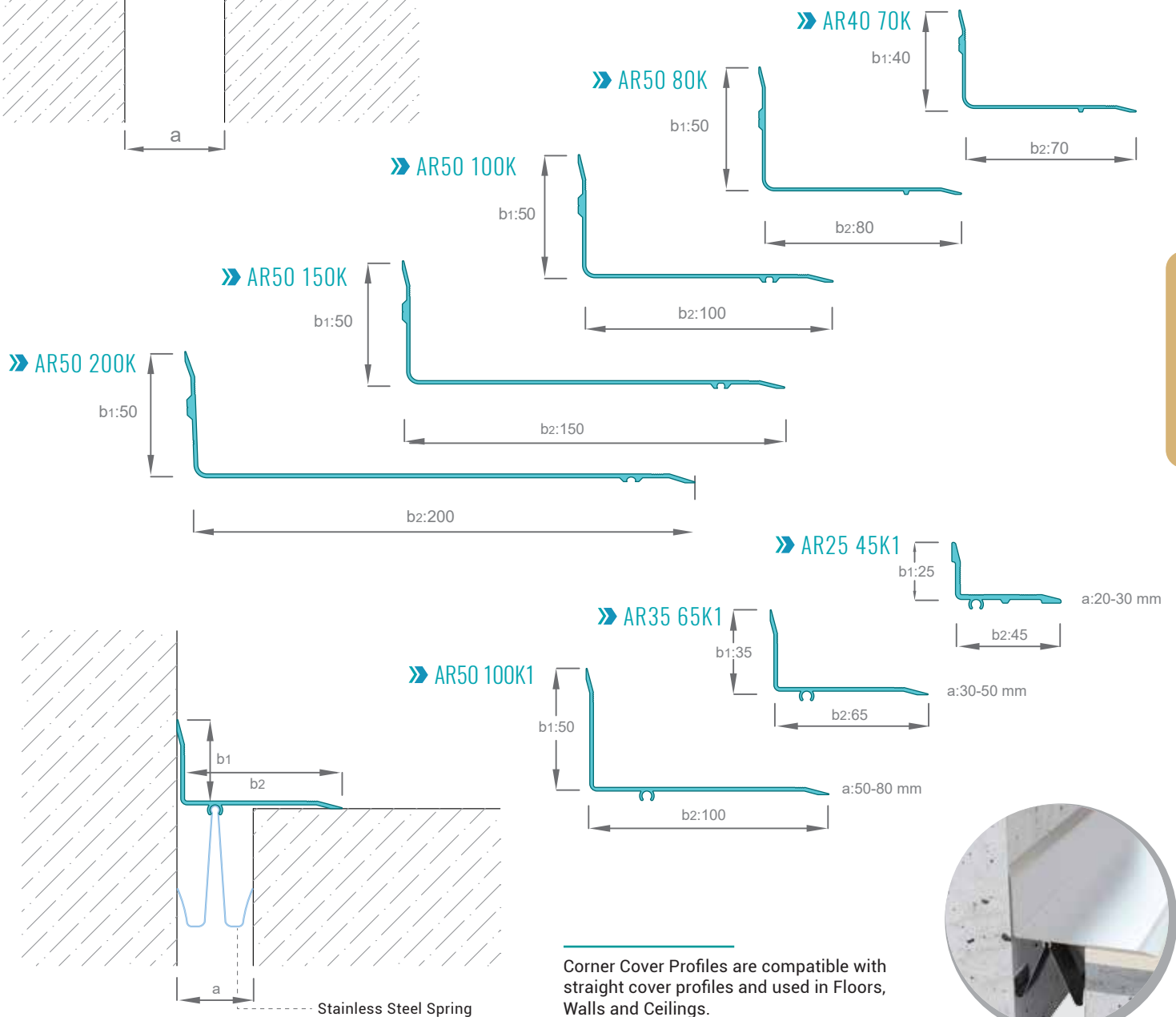
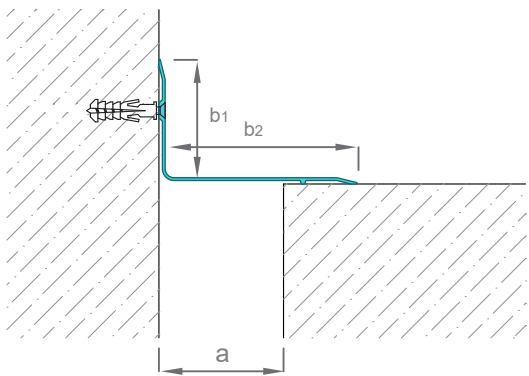


» AR270DT+BTA



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

CORNER COVER PROFILES



Gasketed type Floor, Wall, Ceiling Profiles.

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



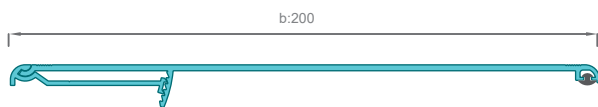
HIDDEN SCREWED COVER PROFILES



» AR151DT



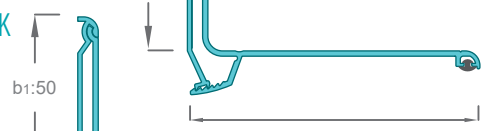
» AR201DT



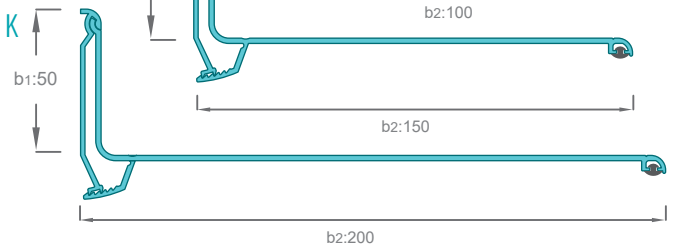
» AR50 101K



» AR50 151K

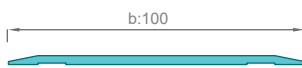


» AR50 201K

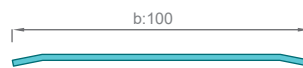


STAINLESS STEEL COVER PROFILES

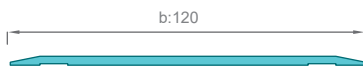
» AR100ZS



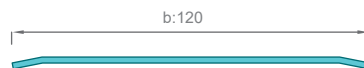
» AR100DS



» AR120ZS



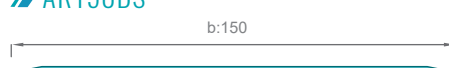
» AR120DS



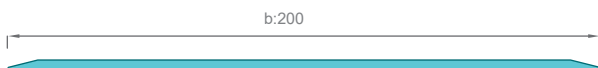
» AR150ZS



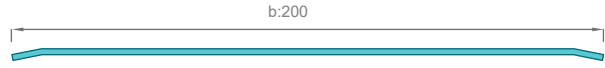
» AR150DS



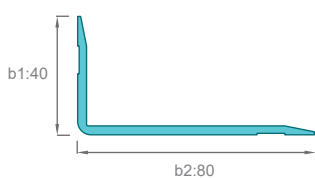
» AR200ZS



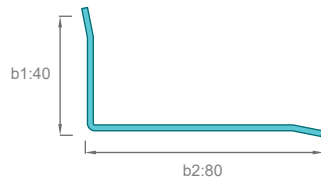
» AR200DS



» AR40 80ZKS



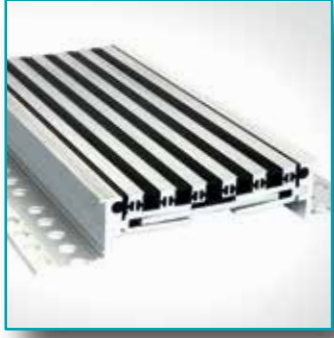
» AR40 80DKS



APPLICATIONS



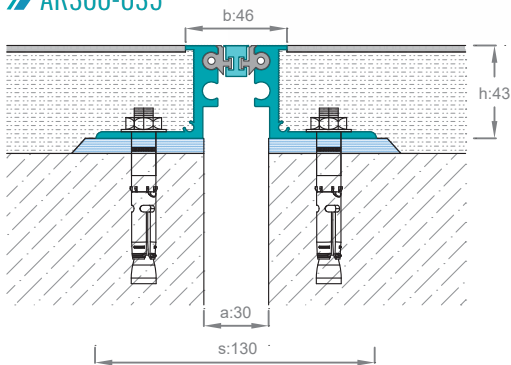
Gasketed type Floor, Wall, Ceiling Profiles.



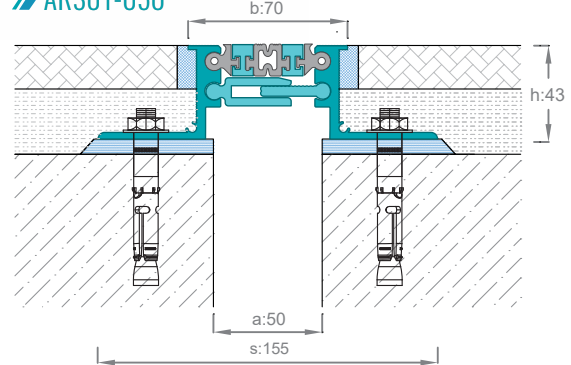
300 Series Floor, Wall and Ceiling Profiles



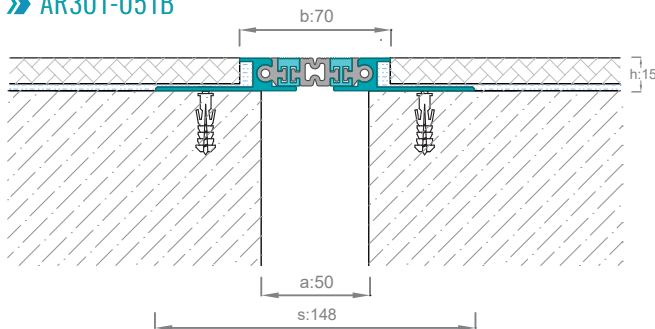
» AR300-035



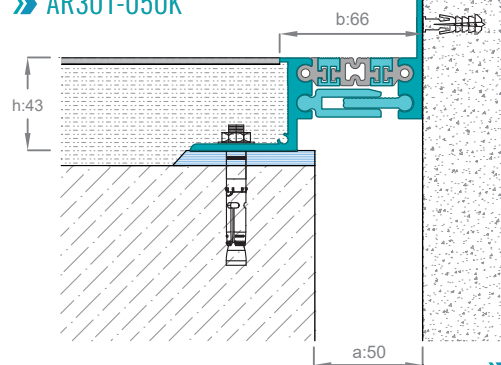
» AR301-050



» AR301-051B



» AR301-050K



» AR301-054

» AR301-051B



» AR301-051



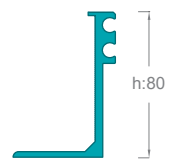
» AR301-052



» 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.



APPLICATIONS

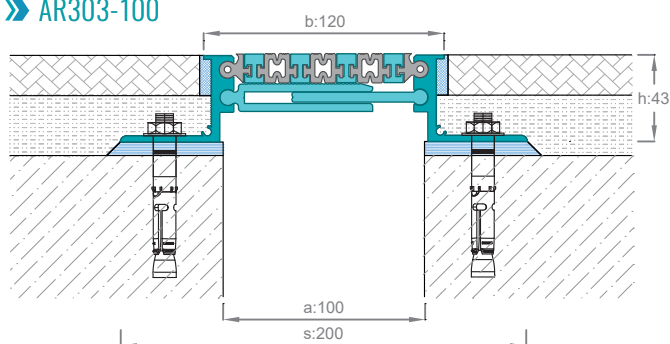
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR300-035	Foot height is required to be specified.	30	46	14/28/43/60/80	130	Mill Finish Alu.+TPE	±5	30 Ton 6.5 Ton
AR301-050	Suitable with screed, granite, 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

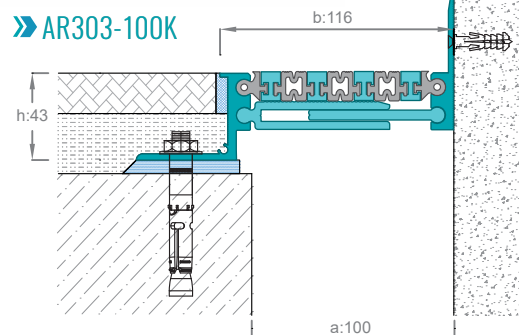
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



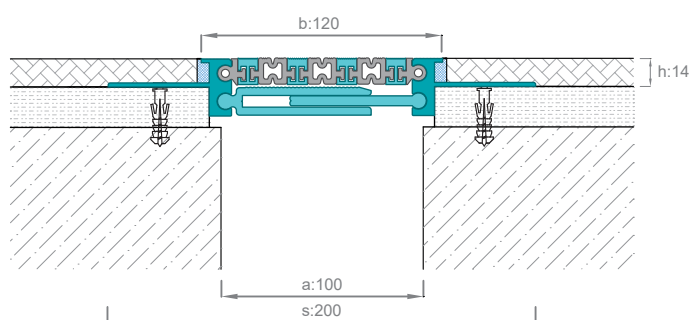
» AR303-100



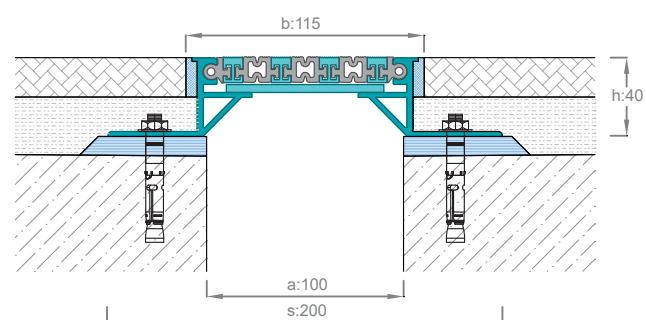
» AR303-100K



» AR303-101



» AR304-100



» AR303-101



» AR303-102



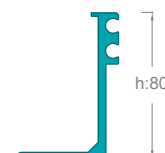
» AR303-100



» AR303-103



» AR303-104

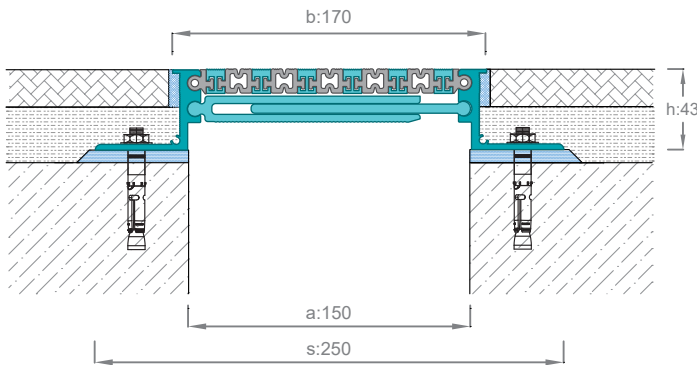


303 and 304 series can be used in all kinds of buildings such as shopping centres, hospitals, government buildings and business centres. These can also be used in areas exposed to vehicle traffic with minimum footing height of 43 mm

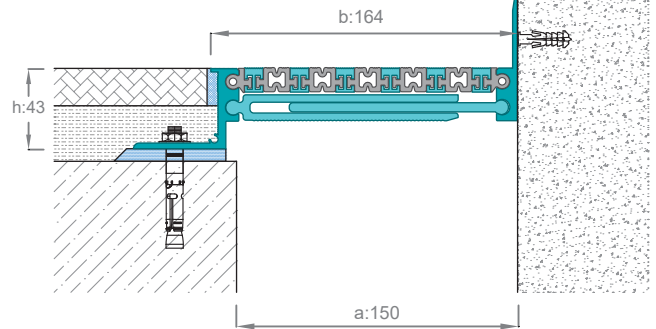
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR302-081	Suitable with ceramic.	80	100	14	190	Mill Finish Alu.+TPE	± 12	Pedestrian Load
AR302-082	Suitable with natural granite, marble and etc.	80	100	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



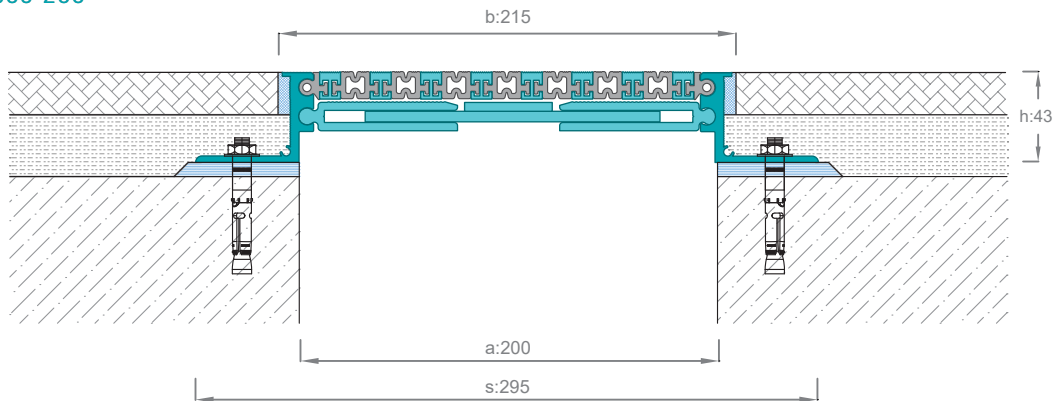
» AR303-150



» AR303-150K



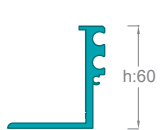
» AR303-200



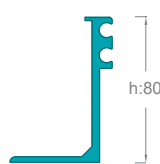
» AR303-150



» 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.



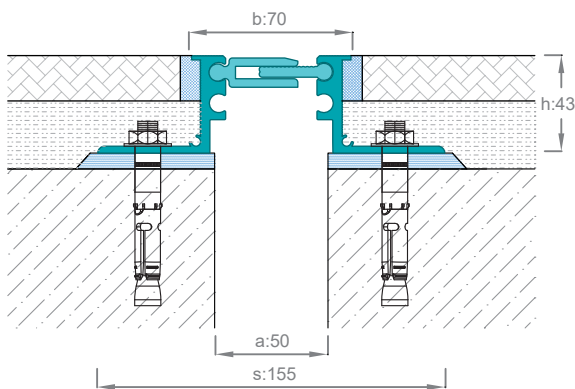
APPLICATIONS

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

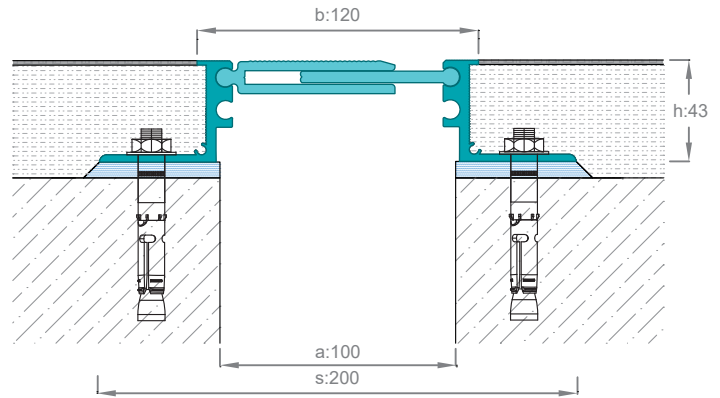
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



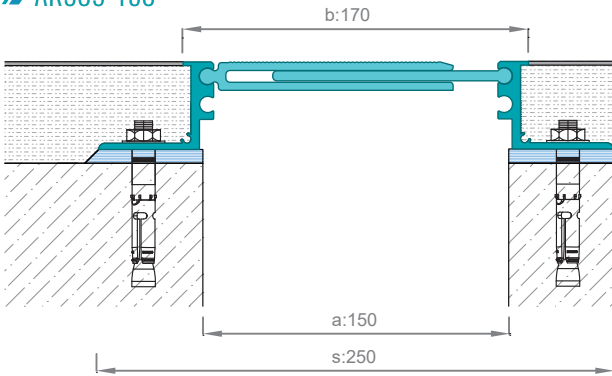
» AR308-050



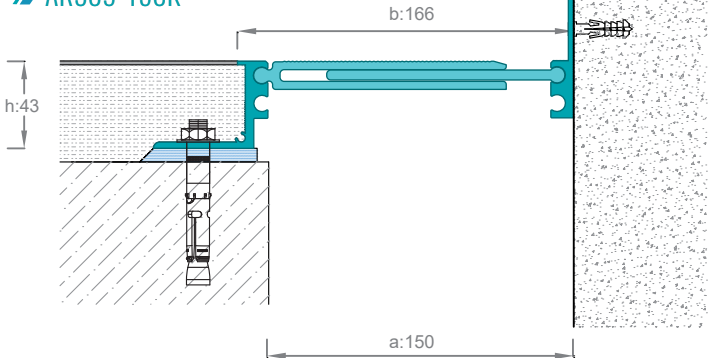
» AR309-100



» AR309-150



» AR309-150K



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

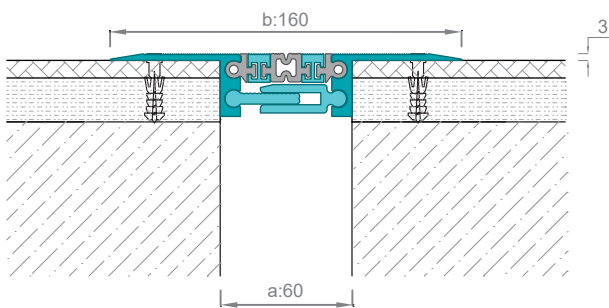
APPLICATIONS



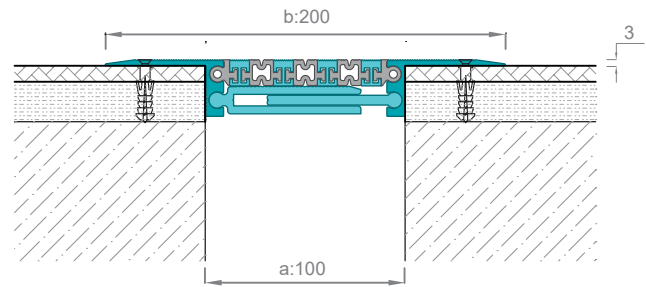
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR308-051	Suitable with ceramic.	50	70	14	155	Mill Finish Alu.	± 10	Pedestrian Load
AR308-052	Suitable with natural granite, marble and etc.	50	70	28	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



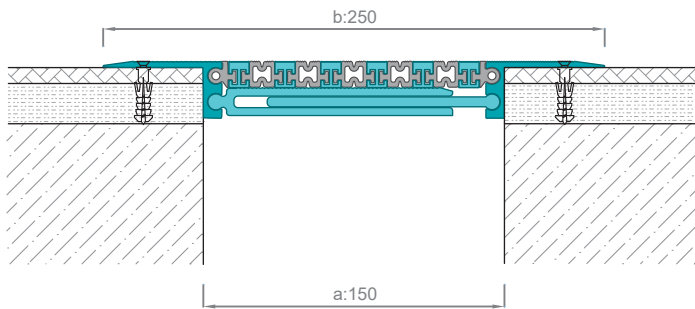
» AR172-050



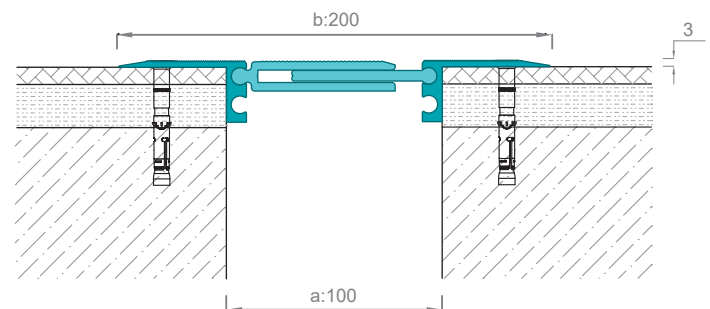
» AR174-100



» 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.

APPLICATIONS

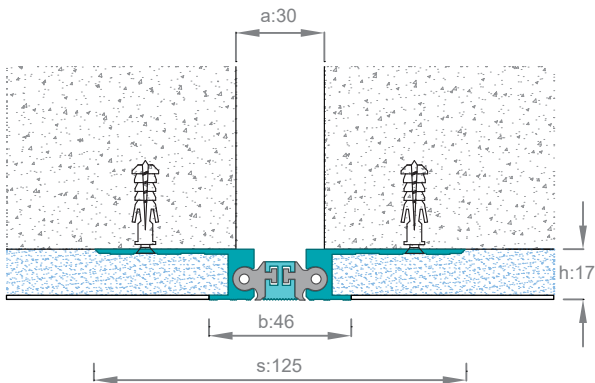


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 171 - 035	Mill Finish, screw holed, alu&TPE top surface.	35	135	26	135	Mill Finish Alu.+TPE	±5	5 Ton 2.5 Ton
AR 172 - 050	Mill Finish, screw holed, 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

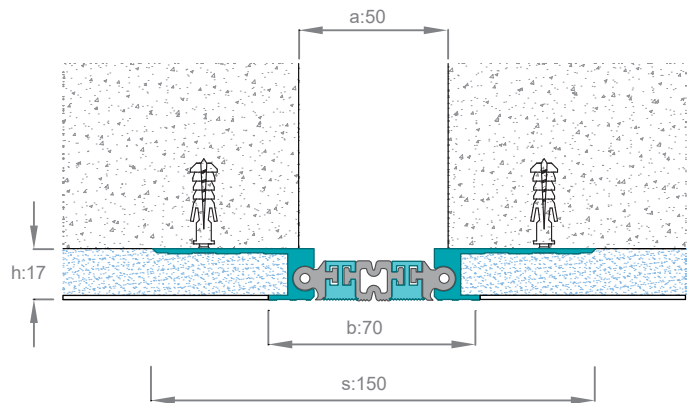
FLUSH MOUNTED WALL AND CEILING EXPANSION JOINT PROFILES



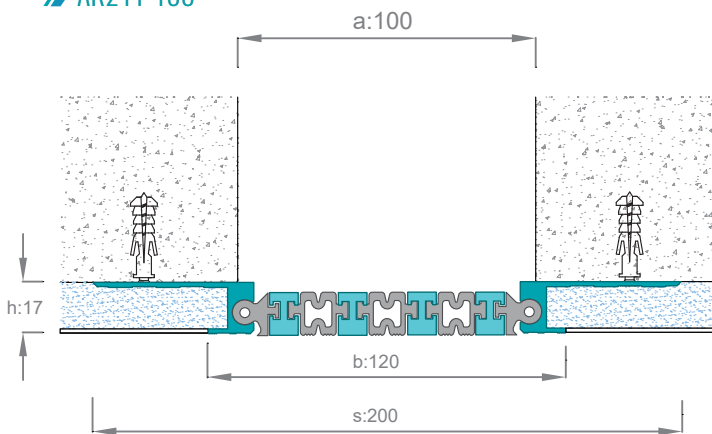
» AR208-030



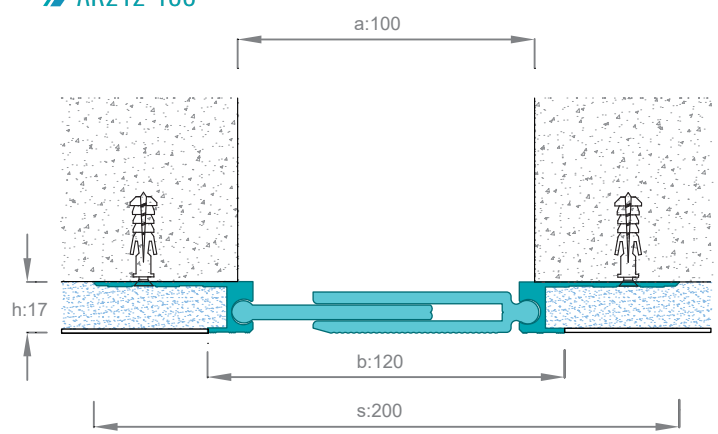
» AR209-050



» AR211-100



» AR212-100



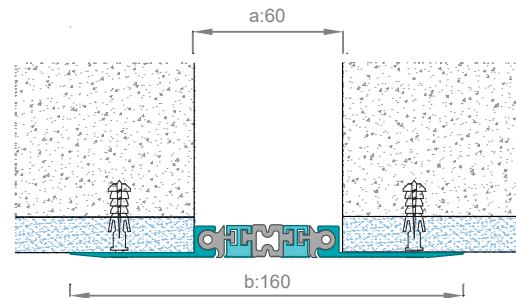
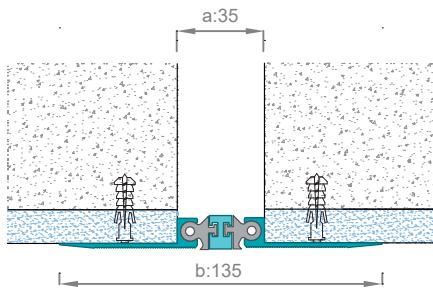
Adaptable to walls and ceilings which are compatible with AR 300 series floor profiles. Can be used in coverings such as, plaster, ceramic and drywall.

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



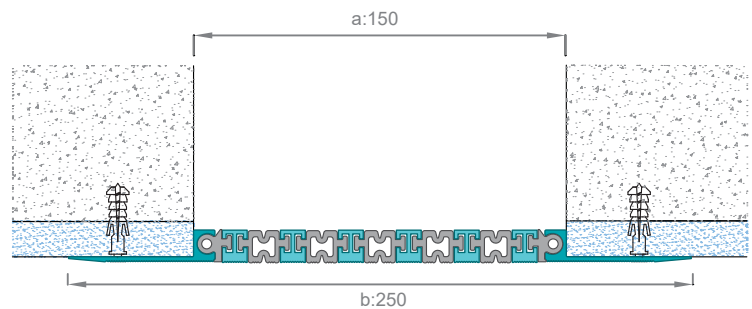
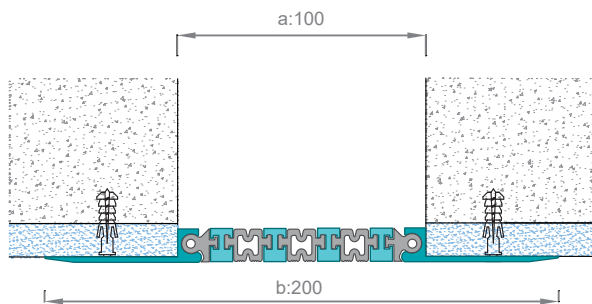
» AR258-030

» AR259-050



» AR259-100

» AR259-150

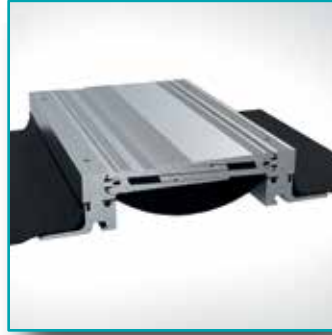


Suitable for Walls and ceilings which are compatible with AR 300 and AR 172 series floor profiles. Surface mounted Expansion Joint Profiles fitted from screw holes on both sides before delivery.

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 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

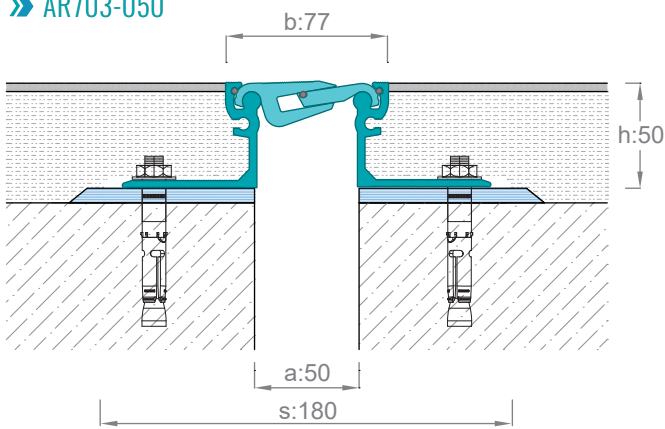


heavy duty and hygienic Floor Profiles

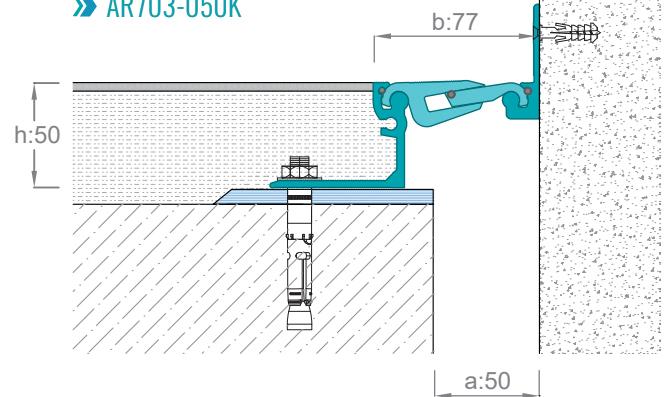
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



» 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

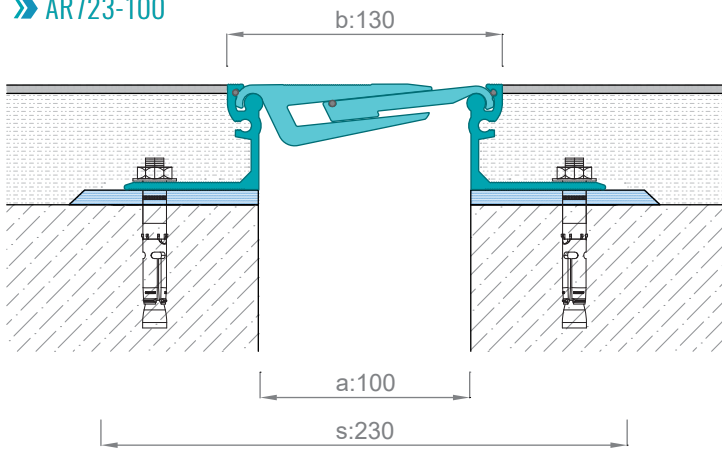


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR700-050	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	50	77	17	180	Mill Finish Alu.	± 10	3.5 Ton
AR701-050	Suitable for Shopping Malls, 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
AR705-050	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

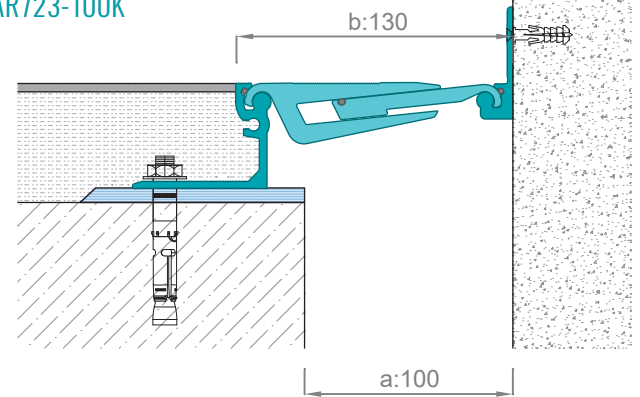
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



» AR723-100



» AR723-100K



» 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.

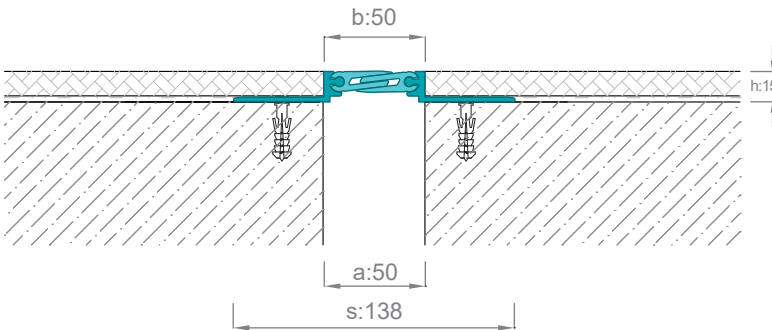
APPLICATIONS



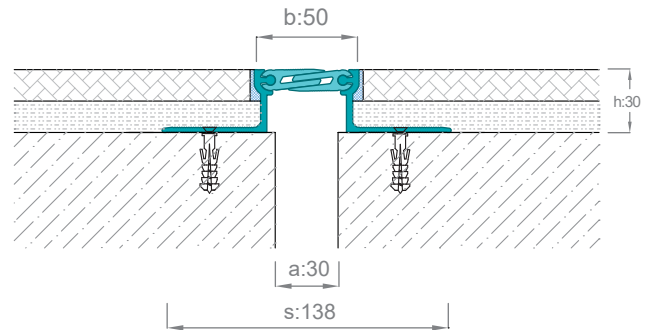
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR714-080	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	80	110	60	225	Mill Finish Alu.	± 16	30 Ton 6.5 Ton
AR715-080	Suitable for Shopping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



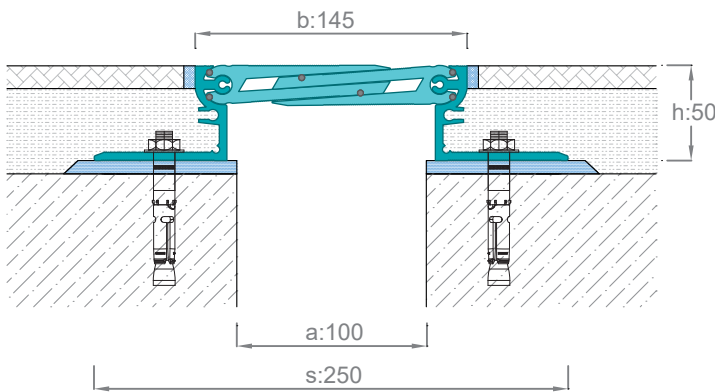
» AR820-050



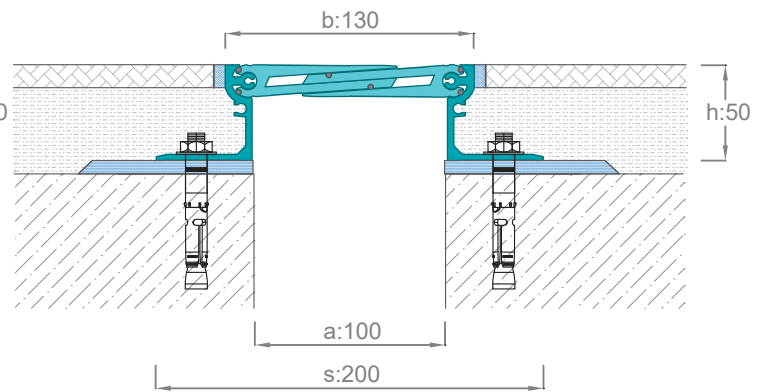
» AR821-030



» 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

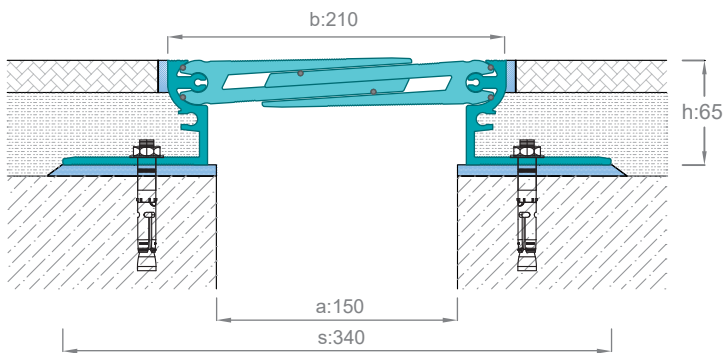


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 820 - 050	Suitable for Shopping Malls, Hospitals/ Flat top surfaced.	50	50	15	138	Mill Finish Alu.	± 5	Pedestrian Load 25 Ton
AR 821 - 030	Suitable 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

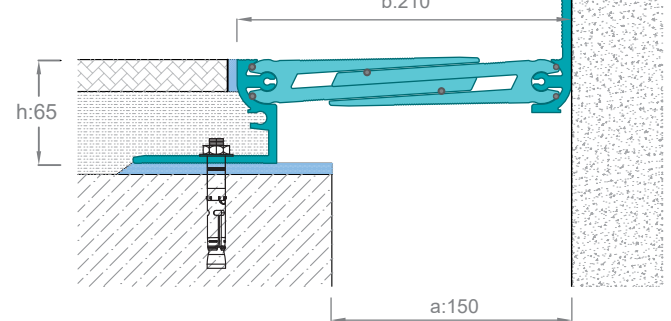
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



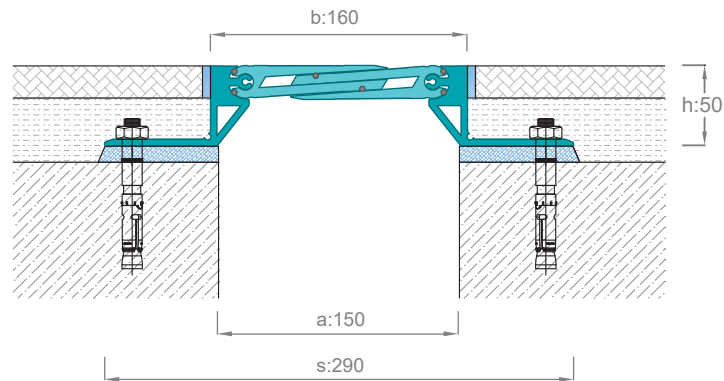
» AR823-150



» AR823-150K



» AR823-151



» AR820-100



» AR822-100



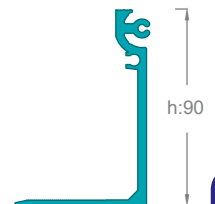
» AR823-100



» AR824-100



» AR825-100



» AR827-101

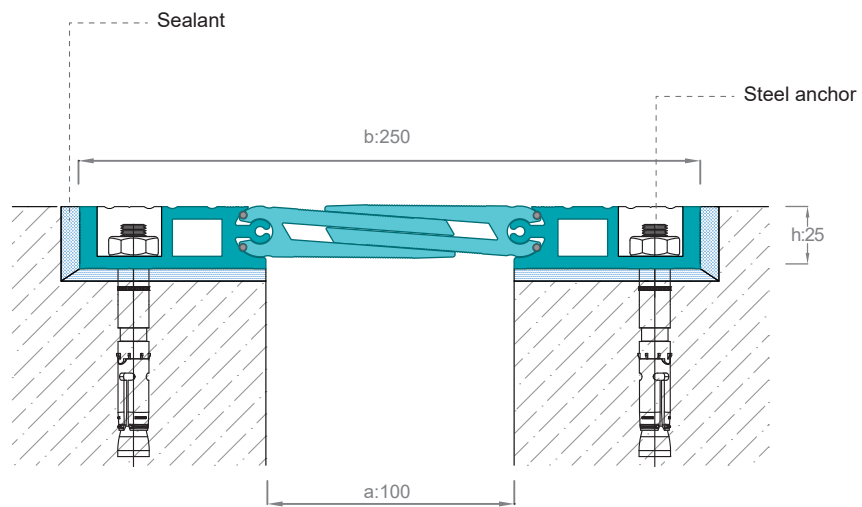
APPLICATIONS



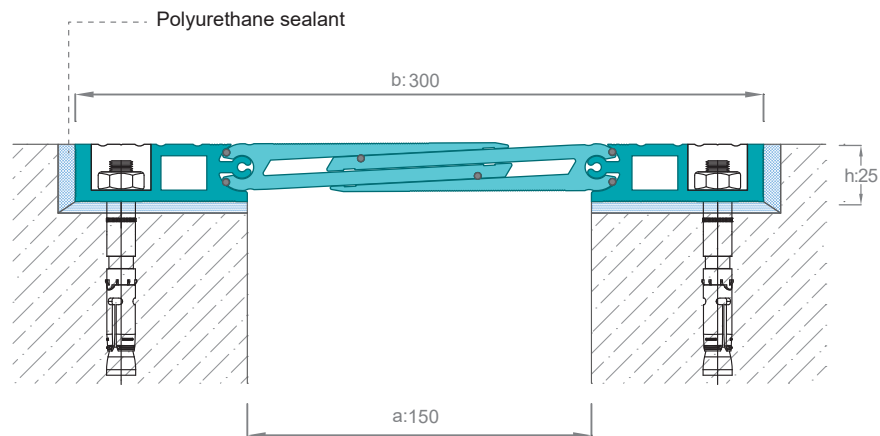
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



» 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

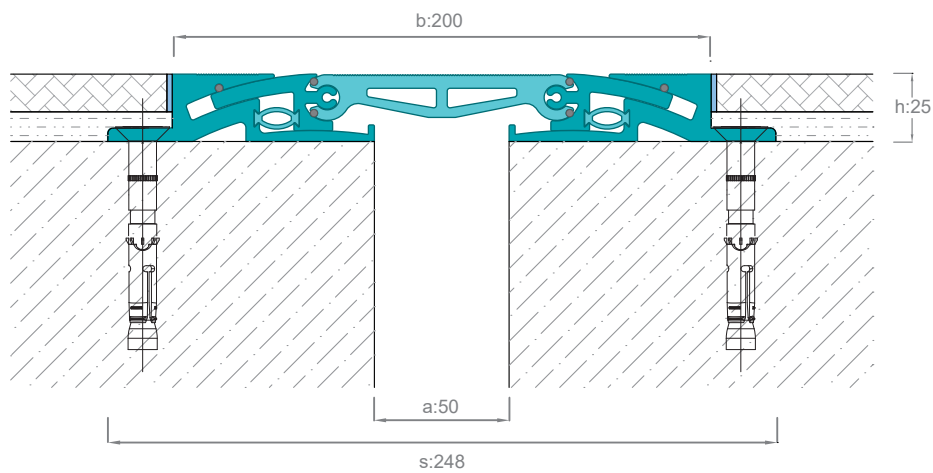


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 821 - 100	Suitable for industrial structures and carparks	100	250	25	250	Mill Finish Alu.	± 20	30 Ton 6,5 Ton
AR 821 - 150	Suitable for industrial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

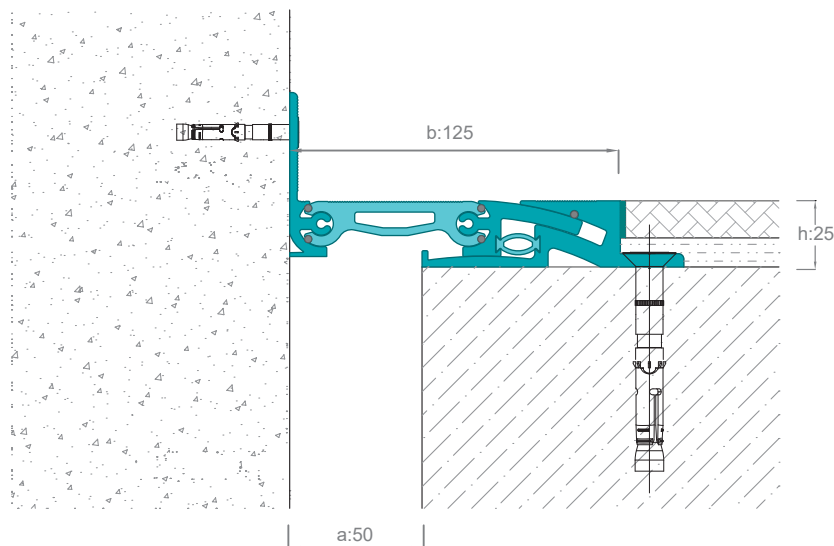
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



» AR841-050



» AR841-050K



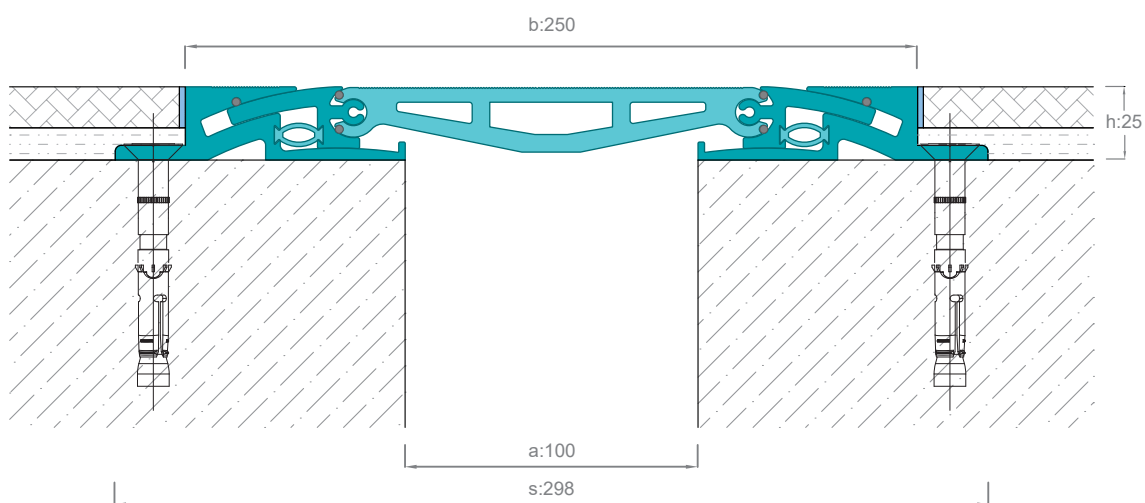
Fully Aluminium top surfaced Expansion Joint profiles are resistant to heavy loads. Movable in three dimensional directions and have non-slip surface.

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

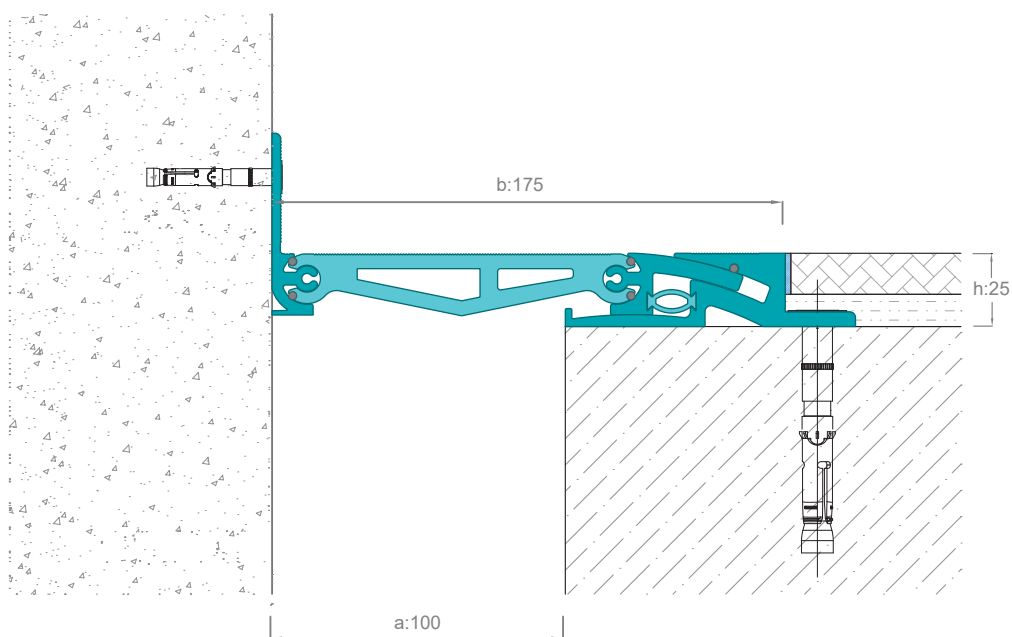
FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



» AR841-100

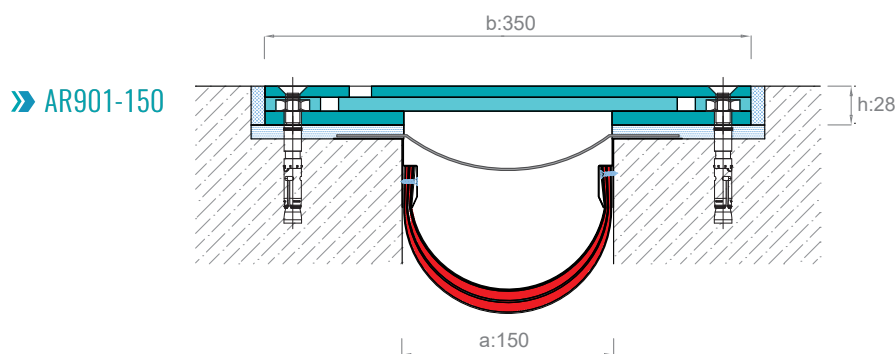
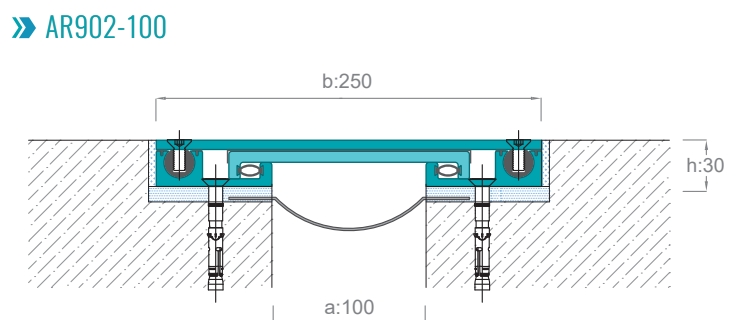
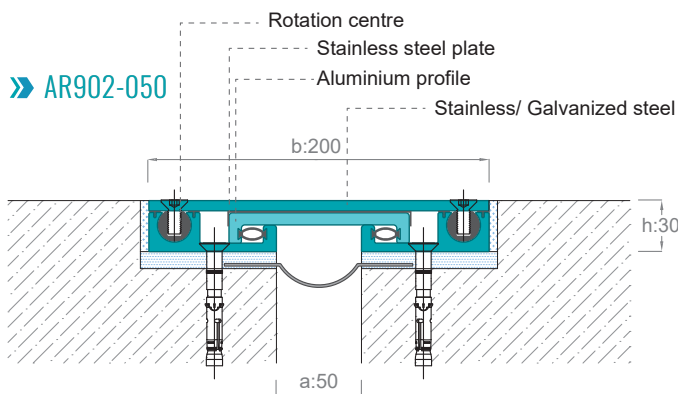
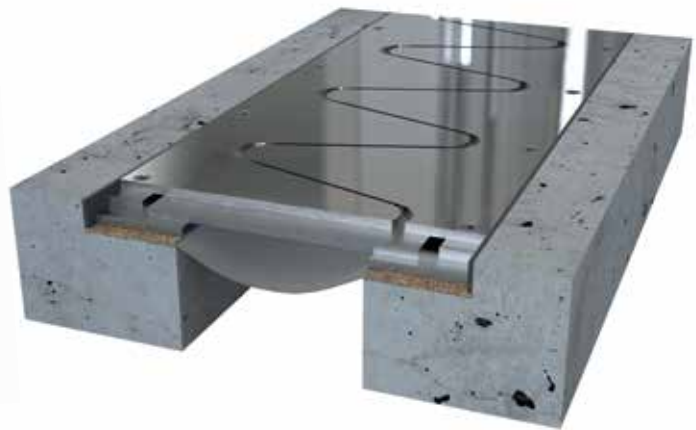


» AR841-100K



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.

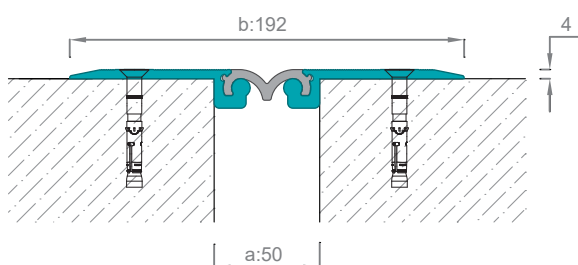


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 902 - 050	Alu. bottom part+ Galvanized top surface	50	200	30	200	Galvanized	± 20	60 Ton 9 Ton
AR 902 - 051	Alu. bottom part+ Stainless steel top surface	50	200	30	200	Stainless Steel	± 20	60 Ton 9 Ton
AR 902 - 052	Alu. bottom part+ Aluminium top surface	50	200	30	200	Aluminium	± 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	250	30	250	Galvanized	± 20	60 Ton 9 Ton
AR 902 - 101	Alu. bottom part+ Stainless steel top surface	100	250	30	250	Stainless Steel	± 20	60 Ton 9 Ton
AR 902 - 102	Alu. bottom part+ Aluminium top surface	100	250	30	250	Aluminium	± 20	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	300	30	300	Galvanized	± 20	60 Ton 9 Ton
AR 902 - 151	Alu. bottom part+ Stainless steel top surface	150	300	30	300	Stainless Steel	± 20	60 Ton 9 Ton
AR 902 - 152	Alu. bottom part+ Aluminium top surface	150	300	30	300	Aluminium	± 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	30	400	Galvanized	± 10	60 Ton 9 Ton

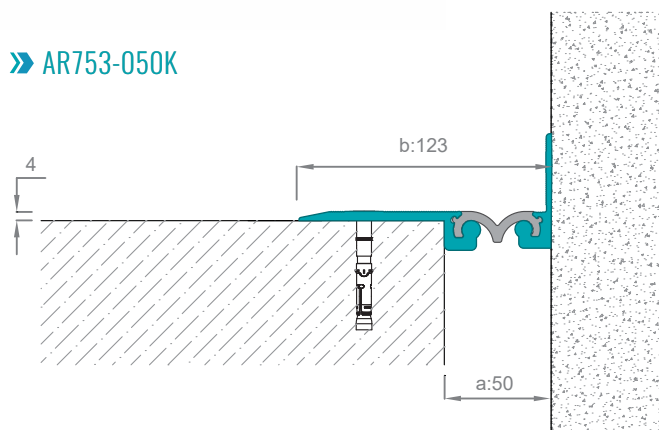
SURFACE MOUNTED FLOOR EXPANSION JOINT PROFILES



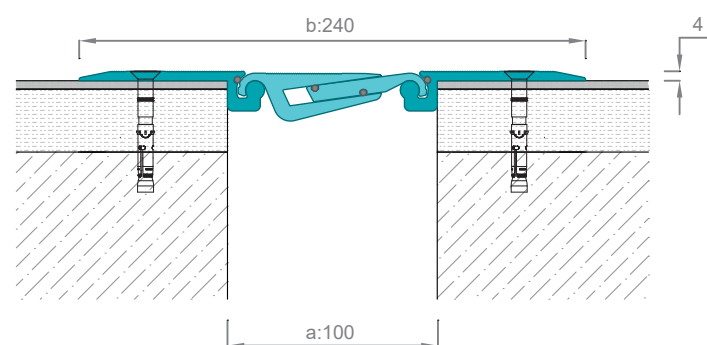
» AR753-050



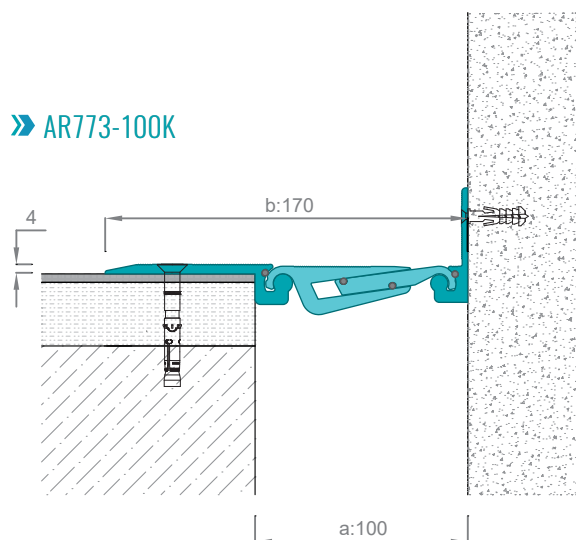
» AR753-050K



» AR773-100



» AR773-100K



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.

APPLICATIONS

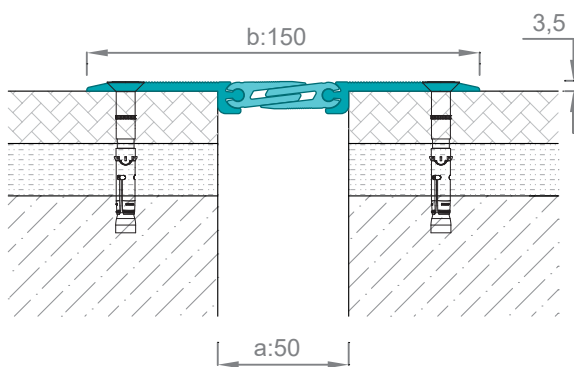


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 753 - 050	Suitable for carpark/countersink holed	50	192	14	192	Mill Finish Alu.+TPE	± 10	9 Ton 5 Ton
AR 763 - 080	Suitable for carpark/countersink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

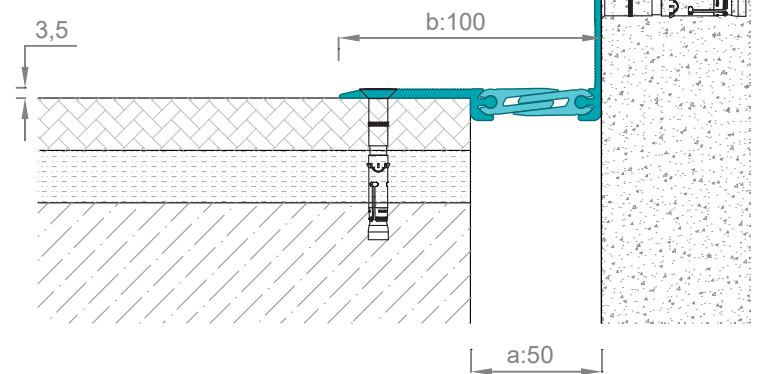
SURFACE MOUNTED FLOOR EXPANSION JOINT PROFILES



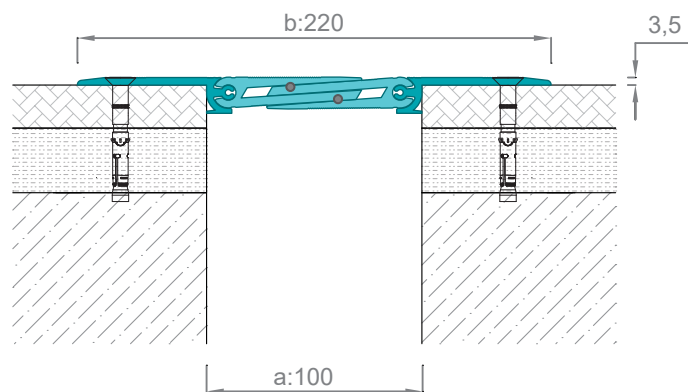
» AR883-050



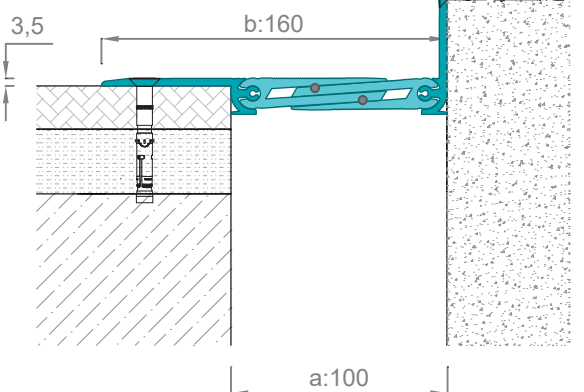
» AR883-050K



» AR883-100



» AR883-100K

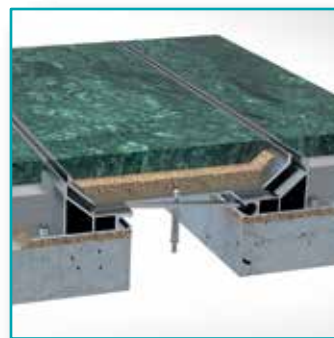
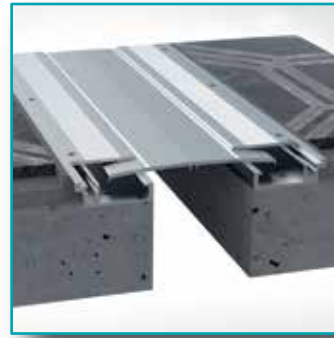
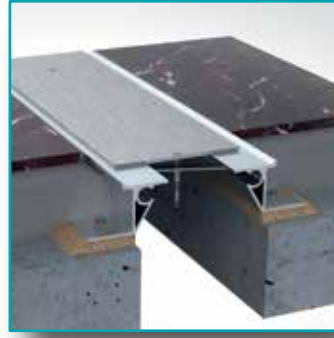
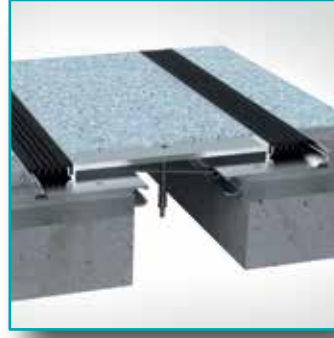
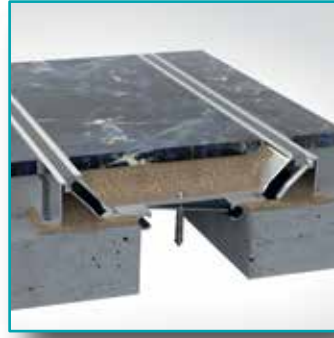


APPLICATIONS



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

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

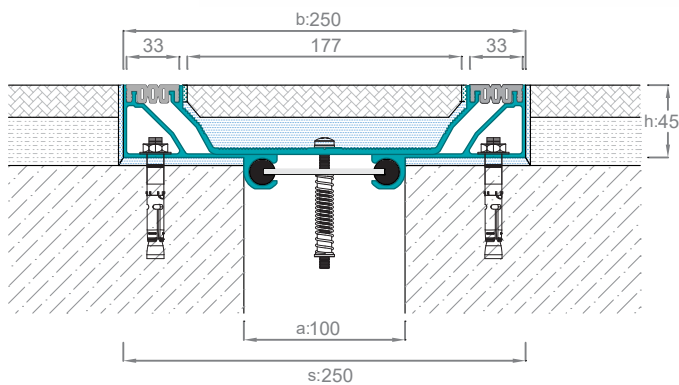


seismic expansion joint profiles

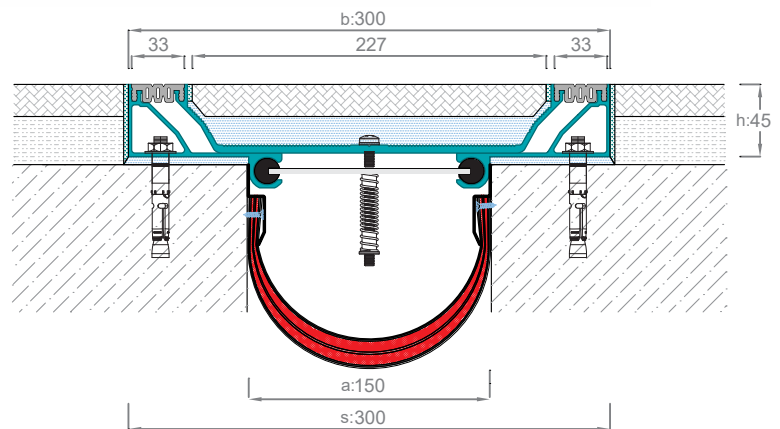
FLUSH MOUNTED SEISMIC FLOOR EXPANSION JOINT PROFILES



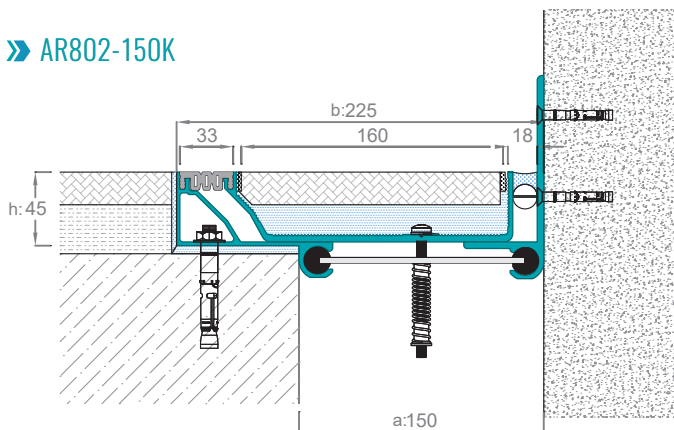
» AR802-100



» 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



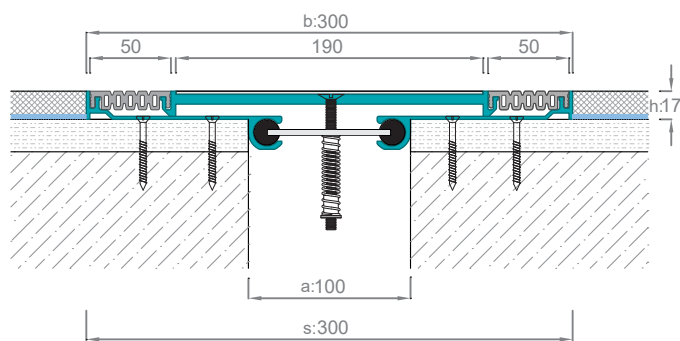
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR802-100	Seismic floor expansion joint profile with gasket	100	250	45	250	Mill Finish Alu.+TPE+Floor Covers	± 50	Pedestrian Traffic Cleaning Machine
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	480	60	480	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

FLUSH MOUNTED SEISMIC FLOOR EXPANSION JOINT PROFILES

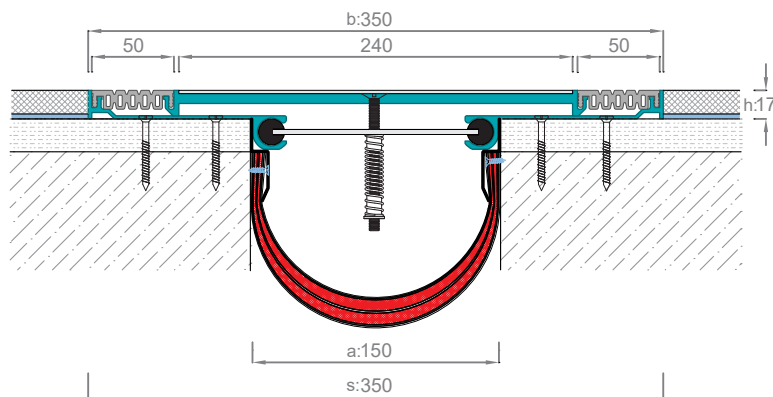


Seismic Floor, Wall and Ceiling Profiles

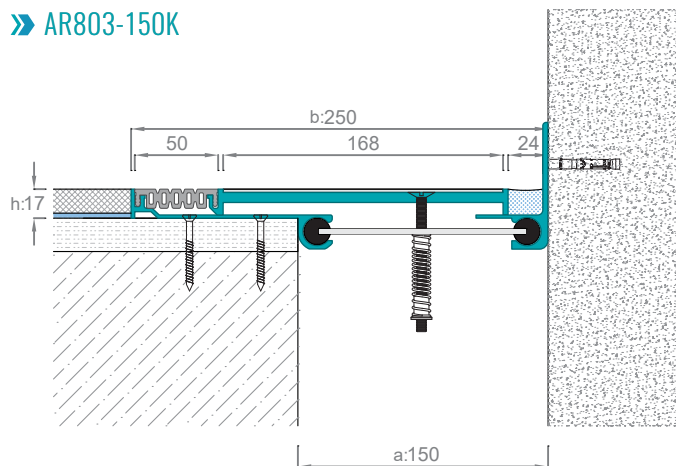
» AR803-100



» AR803-150



» AR803-150K



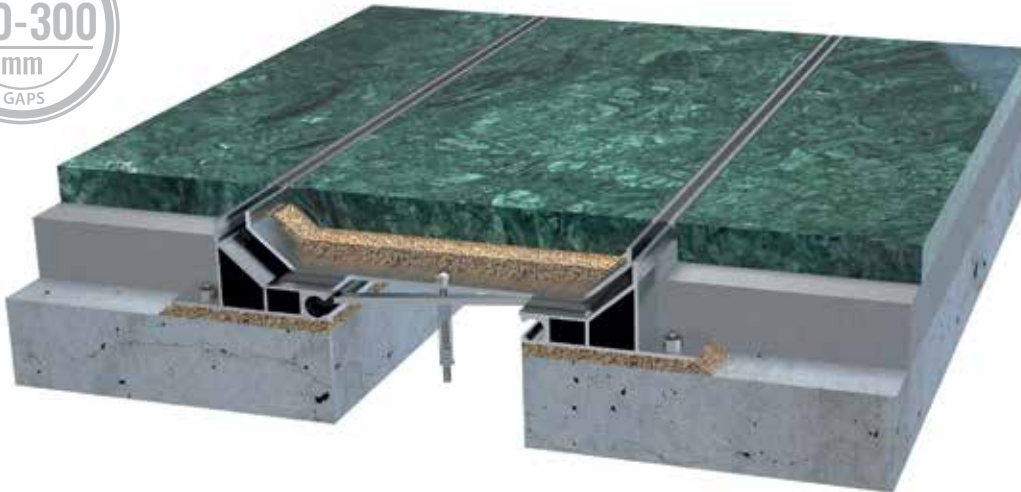
Suitable for low levelled floor covers such as PVC and epoxy covers. High movable capacity and large TPE gasketed profiles are usable for floors. (Please refer to page 62 for wall and ceiling options.)

APPLICATIONS

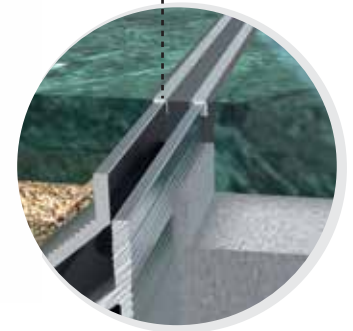


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR803-100	Suitable for PVC floor cover/ gasketed	100	300	17	300	Mill Finish Alu.+ TPE+ Cover	± 50	Pedestrian Traffic Cleaning Machine
AR803-150	Suitable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

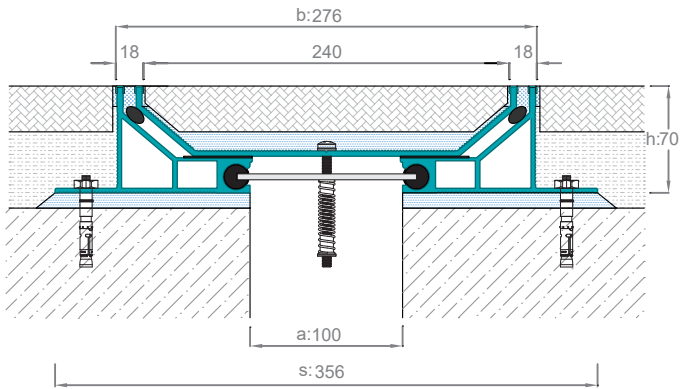
FLUSH MOUNTED SEISMIC FLOOR EXPANSION JOINT PROFILES



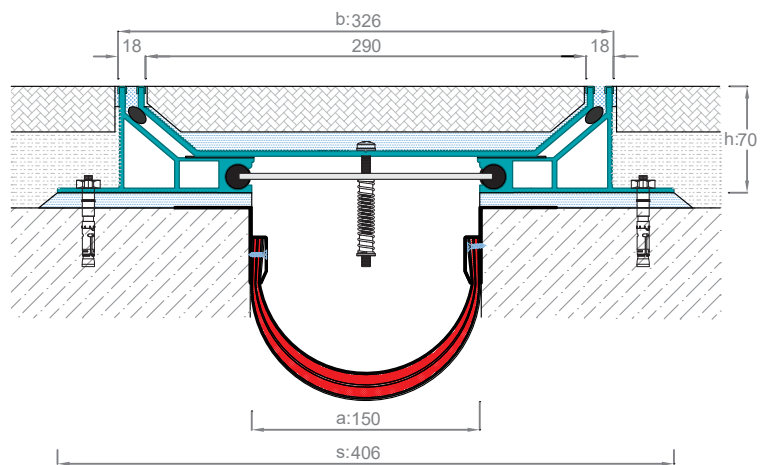
Stainless Steel U Profile



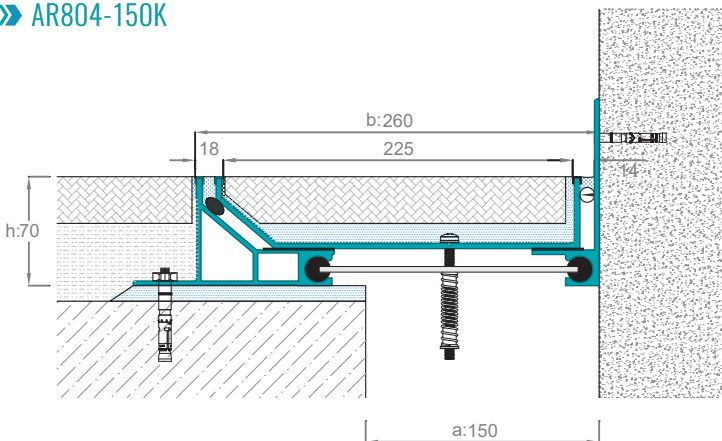
» AR804-100



» 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

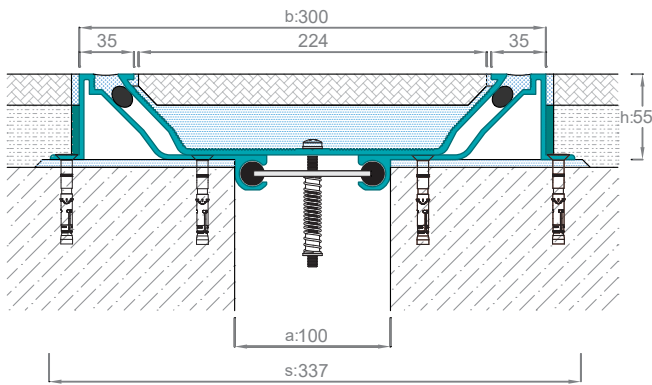


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 804 - 100	Stainless Steel top surface + sealant application	100	276	70	356	Stainless Steel + Sealant+ Floor Cover	± 50	Pedestrian Traffic Cleaning 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

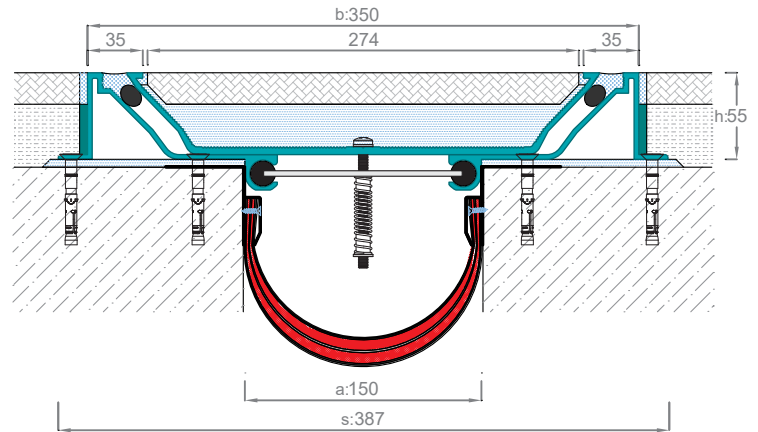
FLUSH MOUNTED SEISMIC FLOOR EXPANSION JOINT PROFILES



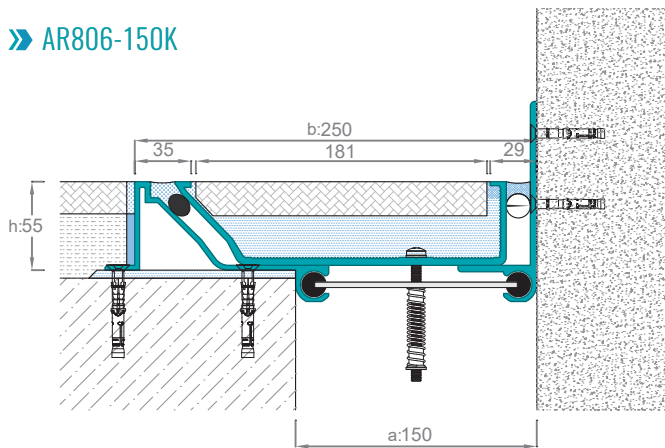
» AR806-100



» 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

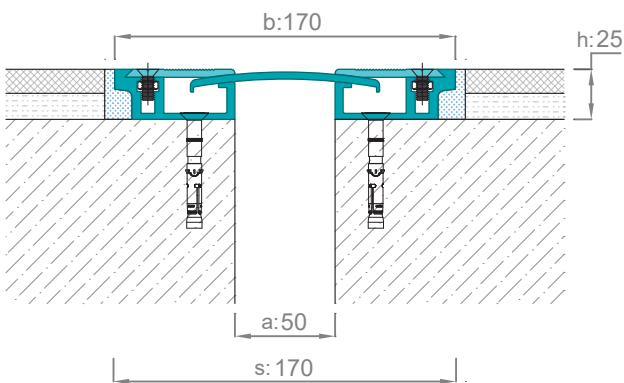


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 806 - 100	Sealant applied seismic floor profile	100	300	55	337	Mill Finish Alu.+Sealant+ Floor Cover	± 50	Pedestrian Traffic Cleaning Machine
AR 806 - 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

FLUSH MOUNTED SEISMIC FLOOR EXPANSION JOINT PROFILES



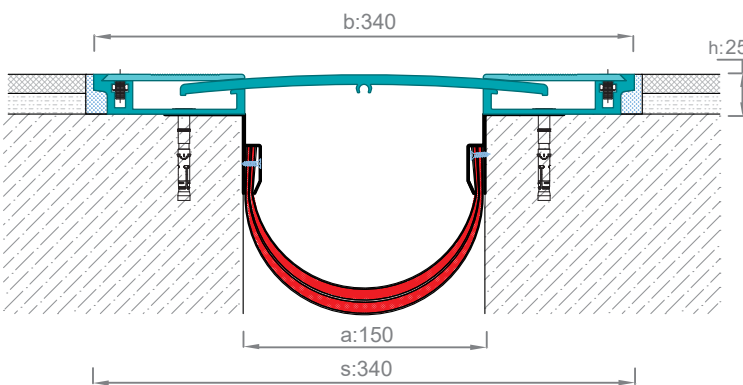
» AR851-050



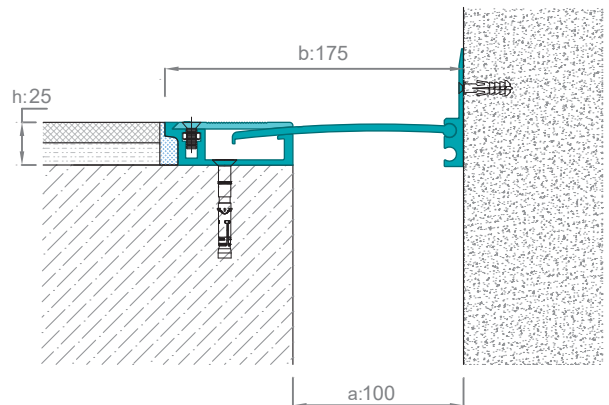
» AR851-100



» AR851-150



» AR851-100K



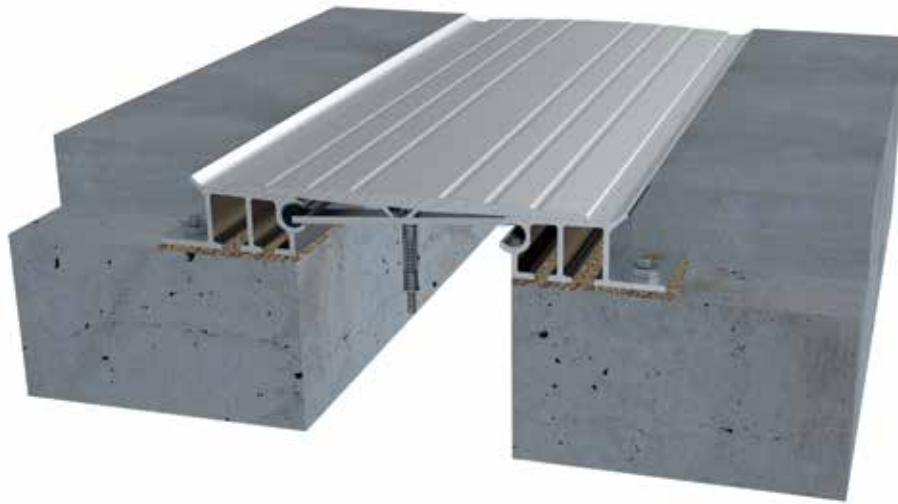
Seismic floor expansion joint profiles have the features of high movement capacity and resistant to heavy loads with completely aluminium top surface. (Please refer to page 66 for wall and ceiling options.)

APPLICATIONS

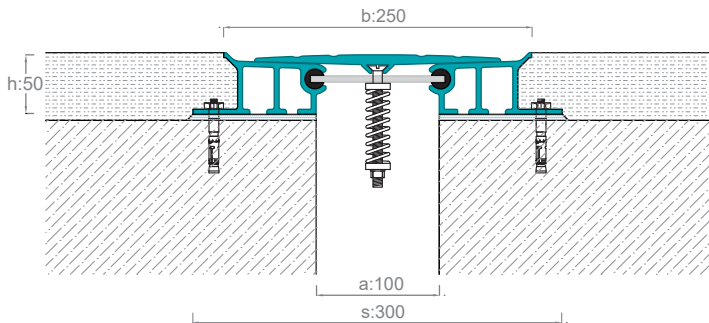


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR851-050	Aluminium top surfaced Seismic floor profile	50	170	25	170	Mill Finish Alu.	± 25	3 Ton
AR851-100	Aluminium top surfaced Seismic floor profile	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

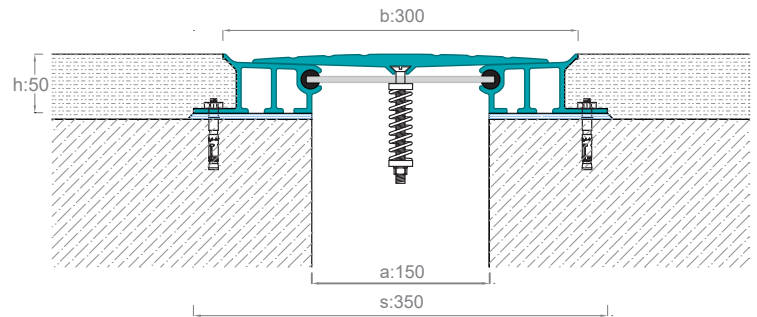
FLUSH MOUNTED SEISMIC FLOOR EXPANSION JOINT PROFILES



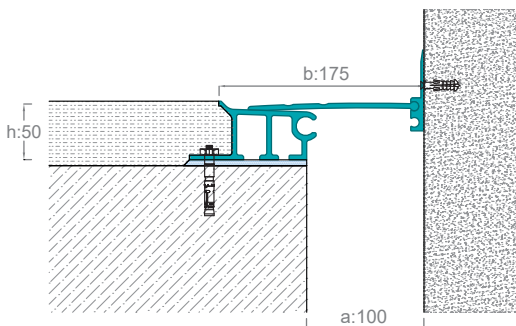
» AR932-100



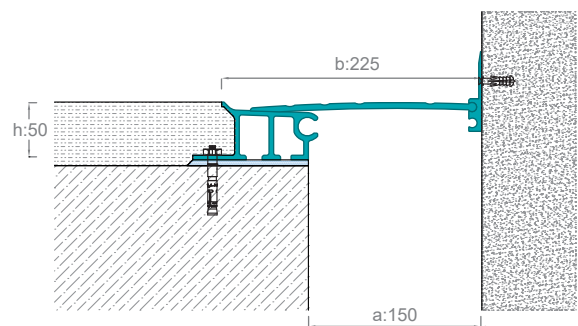
» AR932-150



» AR932-100 K



» AR932-150 K



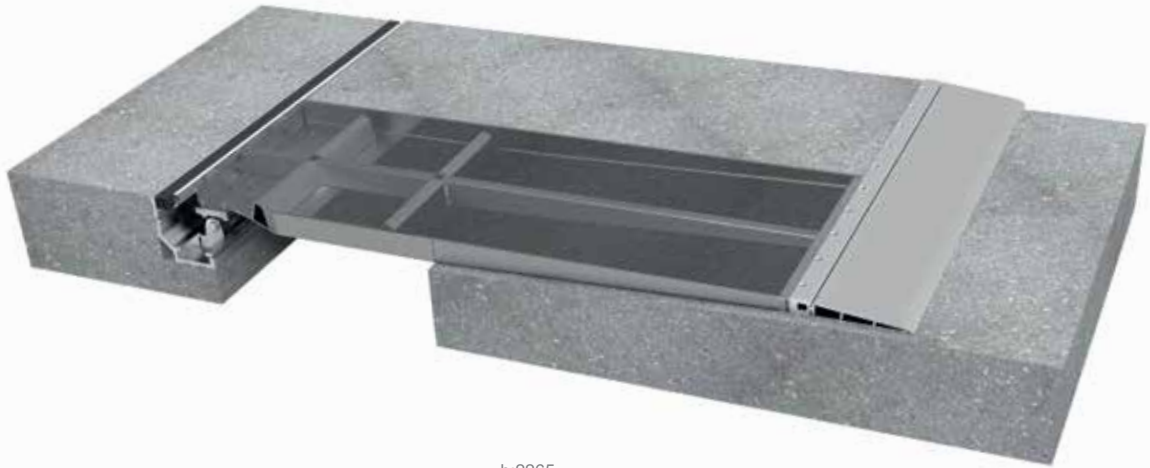
AR 932 series are composed of large Aluminium top surface and have the capacity to move in 3 dimensional directions. (Please refer to page 66 for wall and ceiling options.)

APPLICATIONS

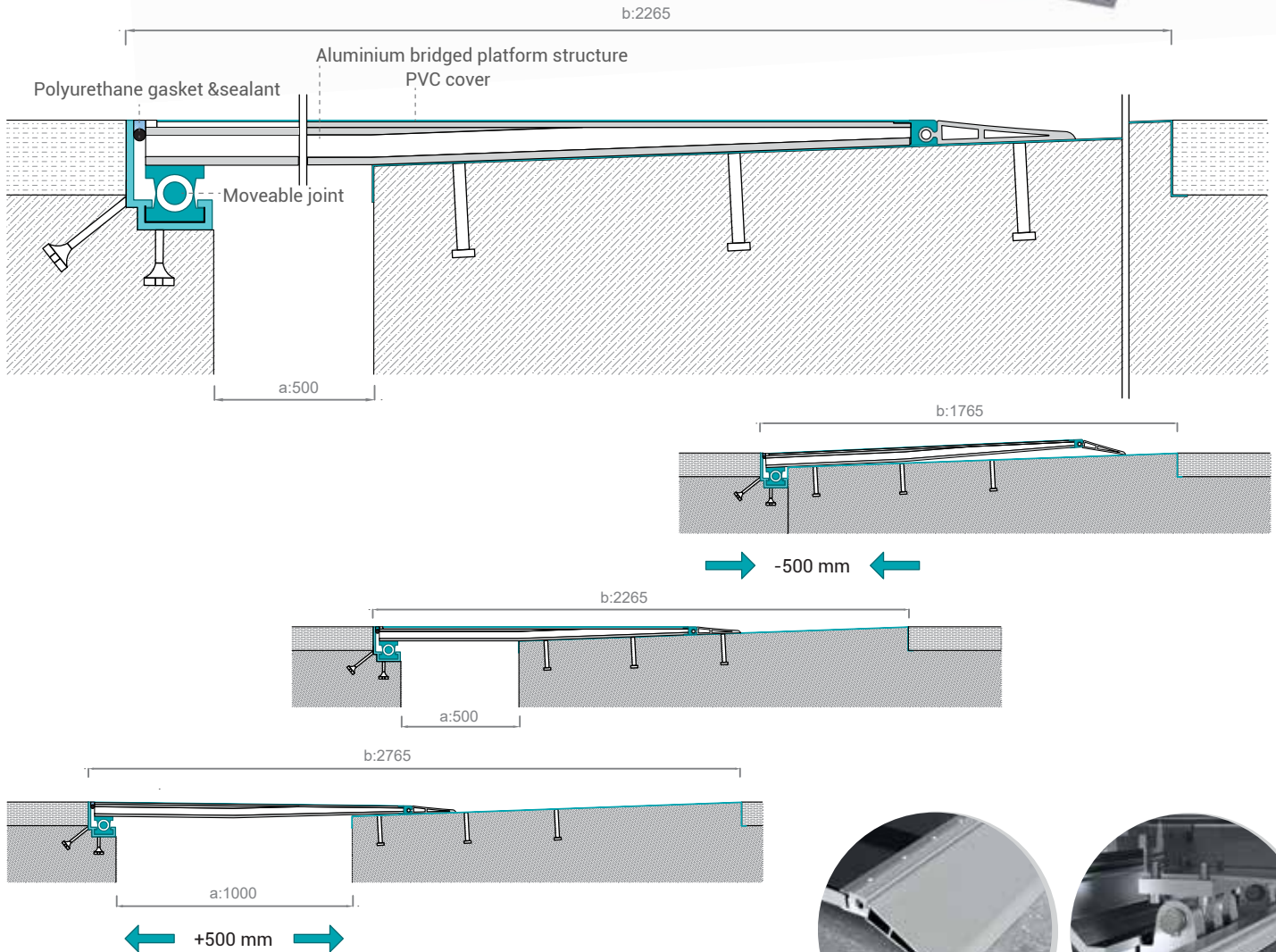


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 932 - 100	High load capacity seismic profiles	100	250	50	300	Mill Finish Alu.	± 50	15 Ton
AR 932 - 150	High load capacity seismic profiles	150	300	50	350	Mill Finish Alu.	± 75	15 Ton
AR 932 - 200	High load capacity seismic profiles	200	350	50	400	Mill Finish Alu.	± 100	9 Ton

FLUSH MOUNTED SEISMIC FLOOR EXPANSION JOINT PROFILES



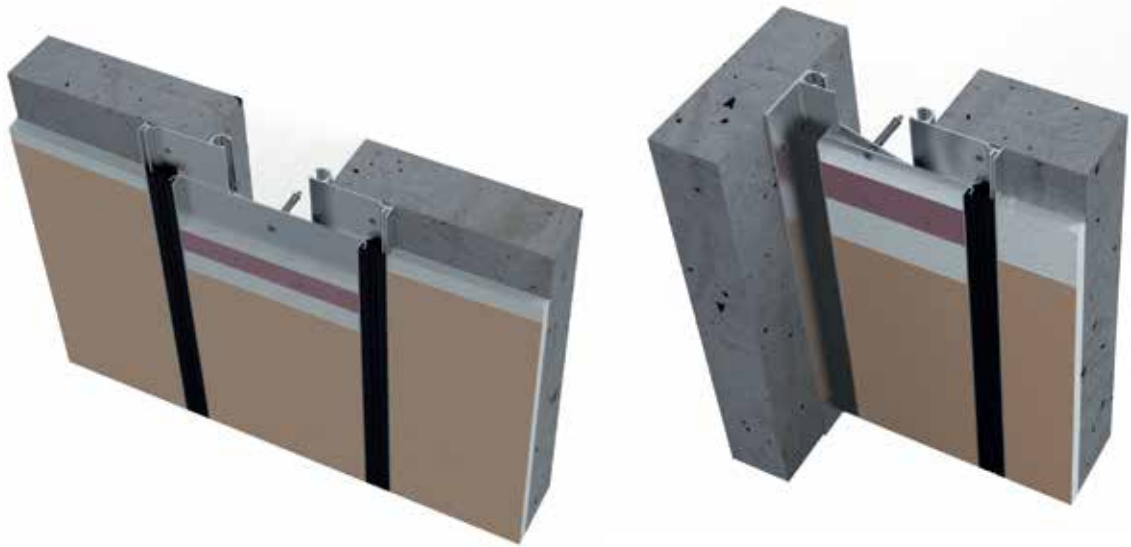
» AR961-500



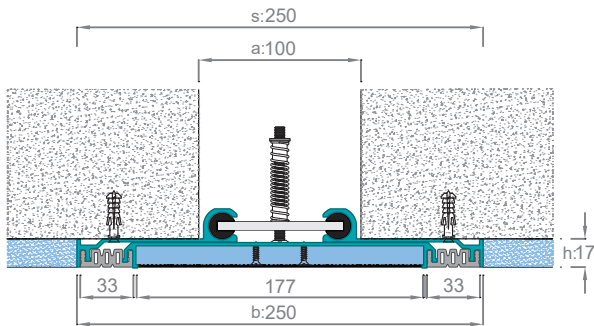
Jointed Expansion Joint profiles are designed for large gaps with high movement capacity. Can often be seen in seismic isolated buildings. Suitable for vehicles, ramps and carparks.

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
AR961-400	High moving capacity for large gaps	400	2065	65	2065	Alu.+Galvanized Steel+PVC	± 400	9 Ton
AR961-500	High moving capacity for large gaps	500	2265	65	2265	Alu.+Galvanized Steel+PVC	± 500	9 Ton
AR961-600	High moving capacity for large gaps	600	2465	65	2465	Alu.+Galvanized Steel+PVC	± 600	9 Ton
AR961-700	High moving capacity for large gaps	700	2665	65	2665	Alu.+Galvanized Steel+PVC	± 700	9 Ton
AR971-400	High moving capacity for large gaps	400	1274	65	1274	Alu.+Galvanized Steel+PVC	± 300	Pedestrian Stretcher Traffic
AR971-500	High moving capacity for large gaps	500	1474	65	1474	Alu.+Galvanized Steel+PVC	± 300	Pedestrian Stretcher Traffic
AR971-600	High moving capacity for large gaps	600	1674	65	1674	Alu.+Galvanized Steel+PVC	± 300	Pedestrian Stretcher Traffic
AR971-700	High moving capacity for large gaps	700	1874	65	1874	Alu.+Galvanized Steel+PVC	± 300	Pedestrian Stretcher Traffic
AR971-750	High moving capacity for large gaps	750	1924	65	1924	Alu.+Galvanized Steel+PVC	± 300	Pedestrian Stretcher Traffic

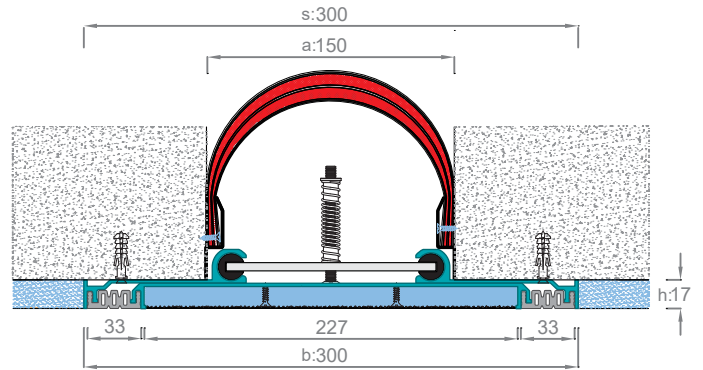
FLUSH MOUNTED SEISMIC WALL AND CEILING EXPANSION JOINT PROFILES



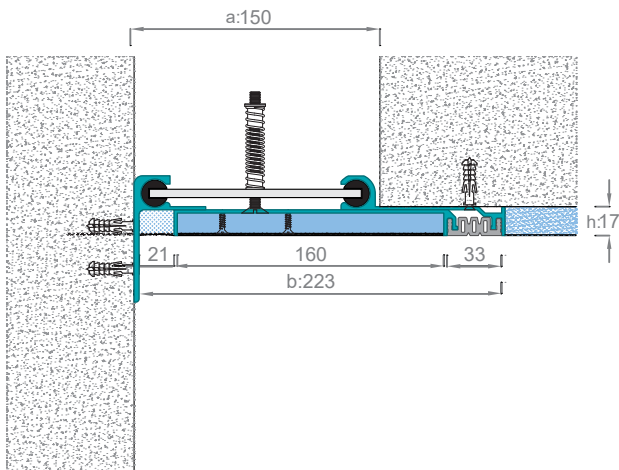
» AR232-100



» 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



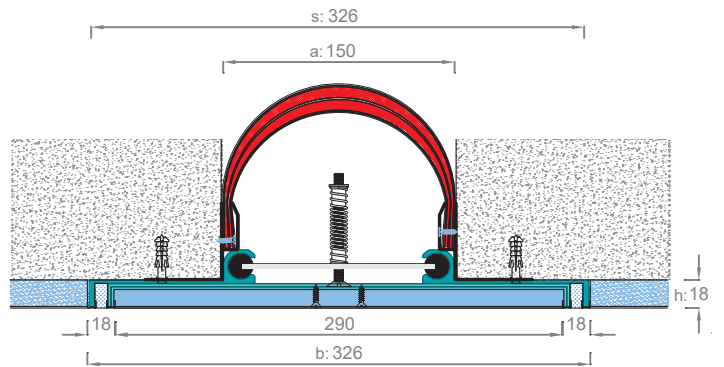
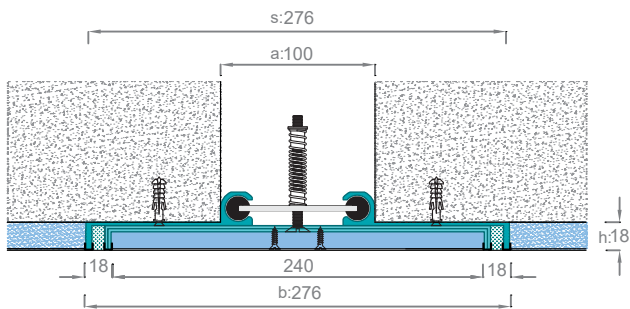
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 232 - 100	Suitable with screed, drywall and etc./gasketed	100	250	17	250	Mill Finish Alu.+TPE+Cover	± 50
AR 232 - 150	Suitable with screed, drywall and etc./gasketed	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	480	20	480	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

FLUSH MOUNTED SEISMIC WALL AND CEILING EXPANSION JOINT PROFILES

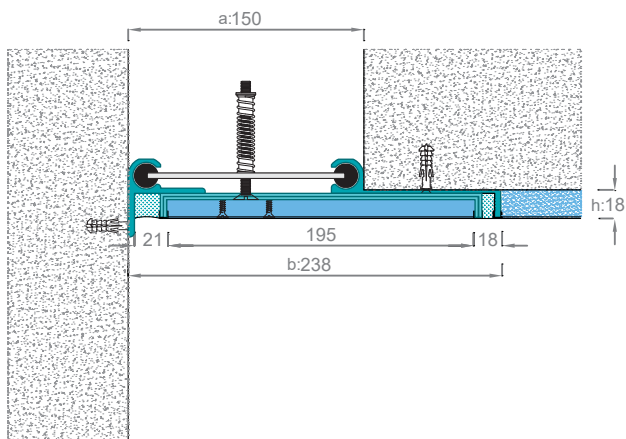


» AR234-100

» 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

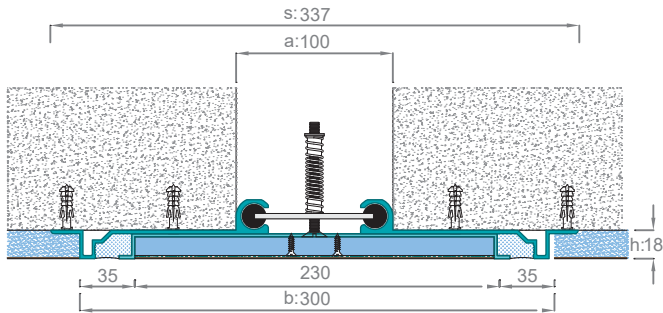


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR234-100	Suitable with ceramic, drywall and etc./Stainless Steel Surface	100	276	18	276	Stainless Steel+Sealant+Cover	± 50
AR234-150	Suitable with ceramic, drywall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

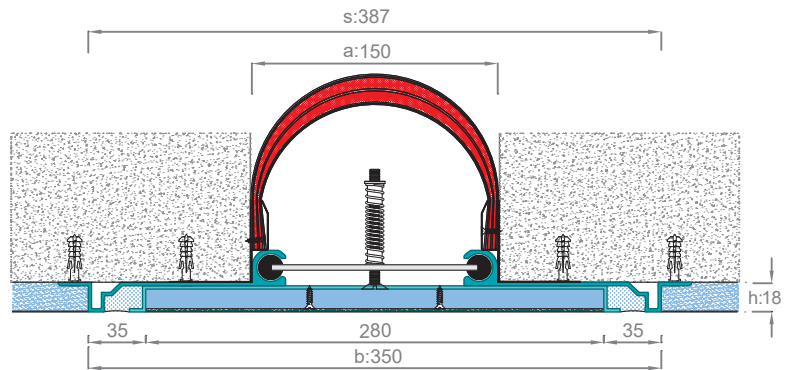
FLUSH MOUNTED SEISMIC WALL AND CEILING EXPANSION JOINT PROFILES



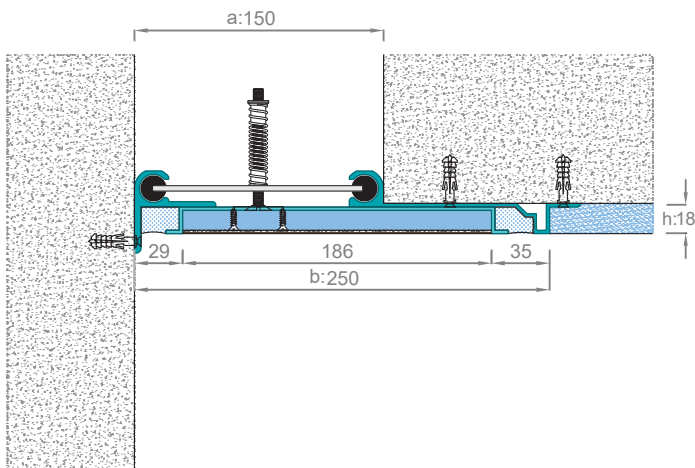
» AR236-100



» AR236-150



» AR236-150K



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.)

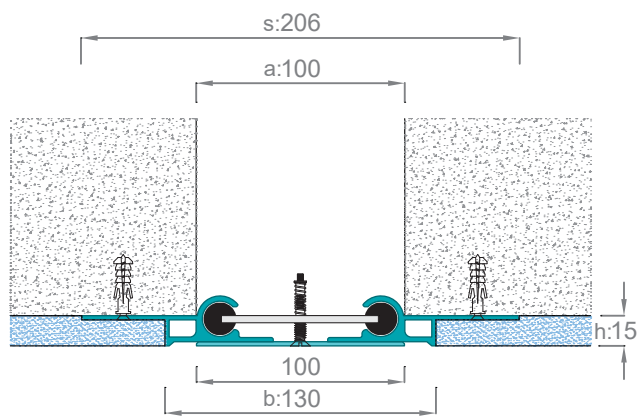
APPLICATIONS



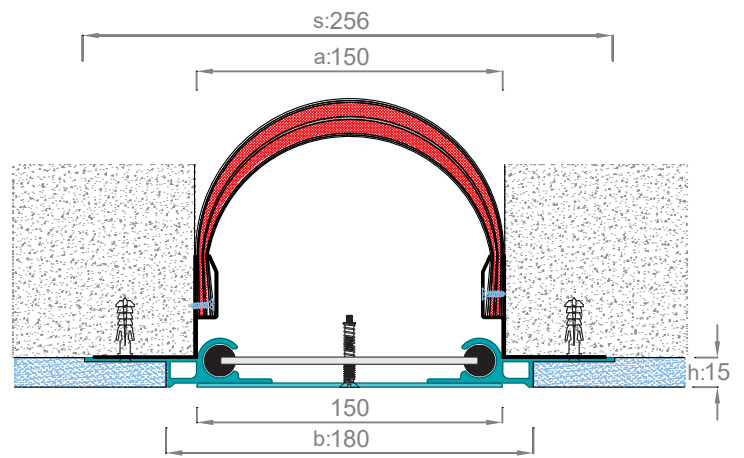
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR236-100	Suitable with screed, ceramic, drywall, and etc. / Sealant Application	100	300	18	337	Mill Finish Alu.+ Sealant+ Cover	± 50
AR236-150	Suitable with screed, 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



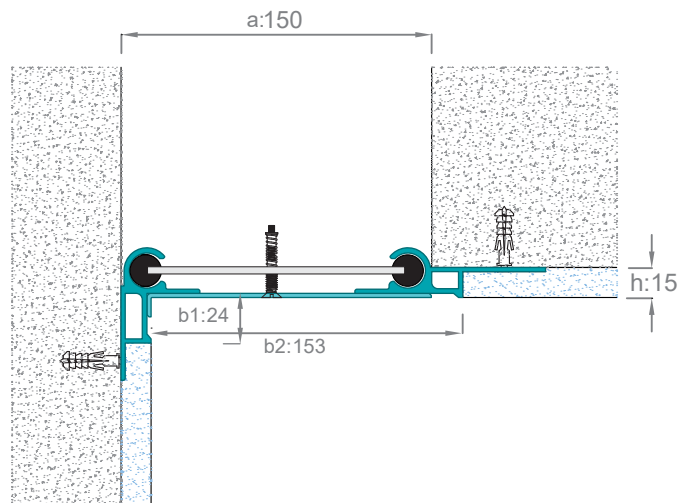
» AR243-100



» 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.)



APPLICATIONS

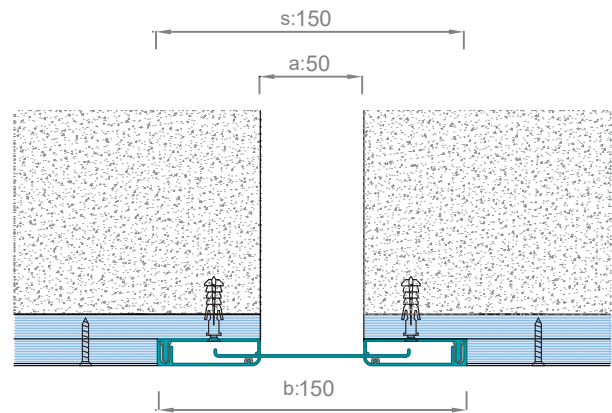
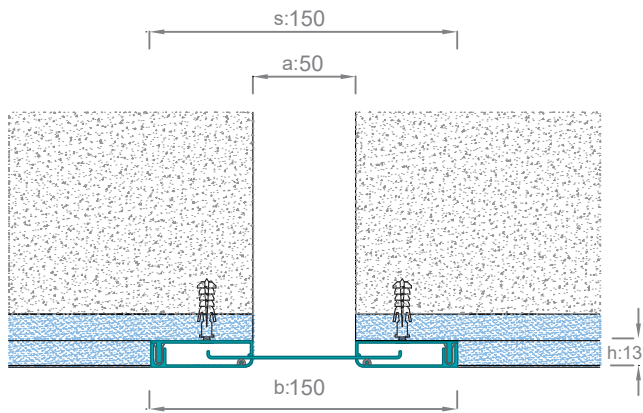
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR243-100	Suitable with screed, ceramic, drywall, and etc. / Stainless Steel top surface	100	130	15	206	Mill Finish Alu.+Stainles Steel	+40/-50
AR243-150	Suitable with 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

SURFACE MOUNTED SEISMIC WALL AND CEILING EXPANSION JOINT PROFILES



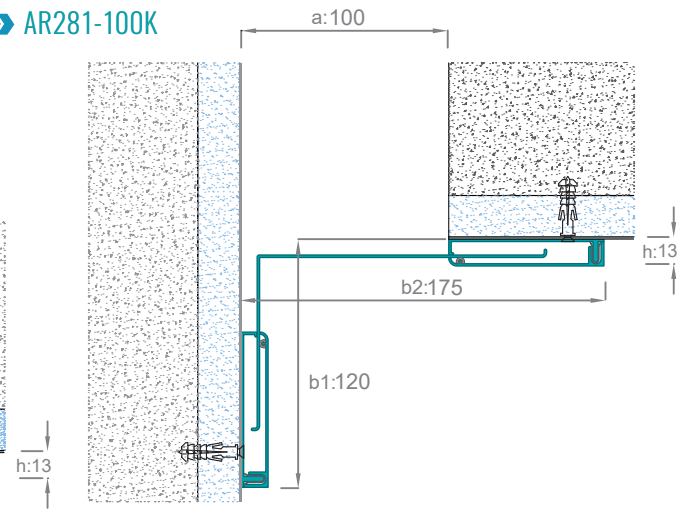
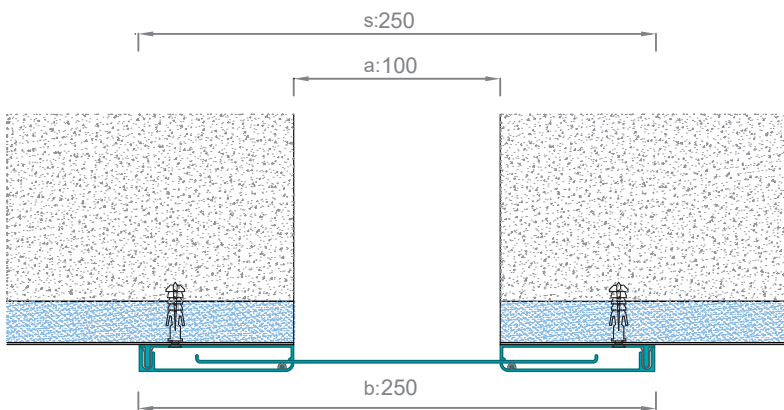
» AR281-050

» AR281-050 - DOUBLE LAYERED DRYWALL APPLICATION ALTERNATIVE



» AR281-100

» AR281-100K



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

APPLICATIONS

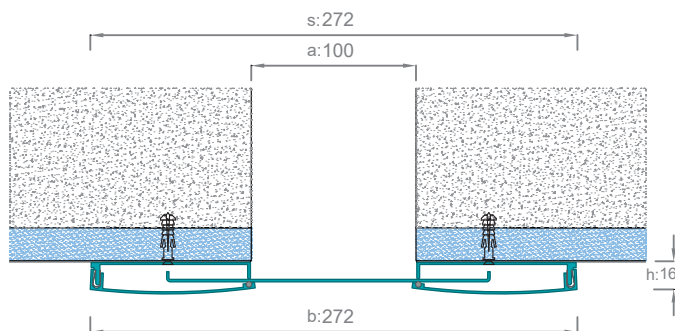


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR281-050	Aluminium top surface, anodised seismic wall and ceiling profile	50	150	13	150	Anodised Alu.	± 40
AR281-100	Aluminium top surface, anodised seismic wall and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

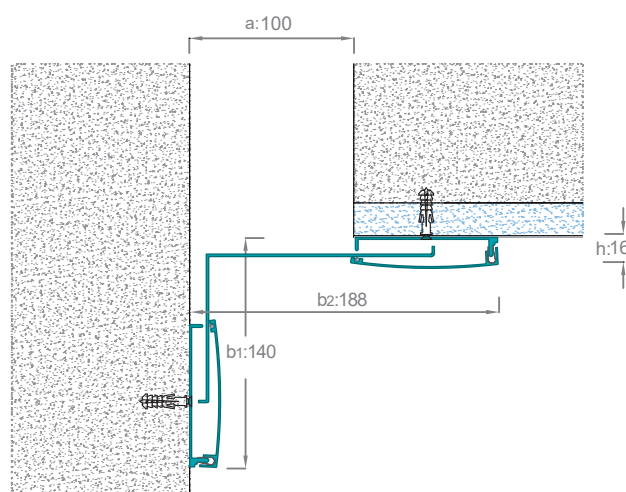
SURFACE MOUNTED SEISMIC WALL AND CEILING EXPANSION JOINT PROFILES



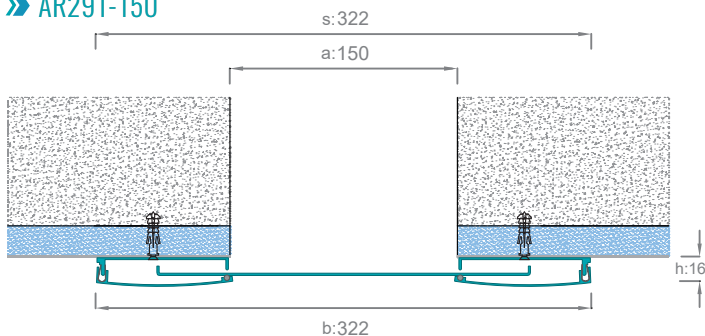
» AR291-100



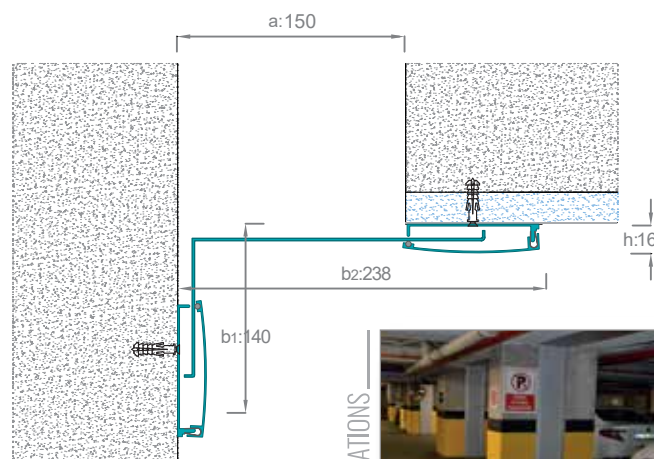
» AR291-100K



» AR291-150



» AR291-150K

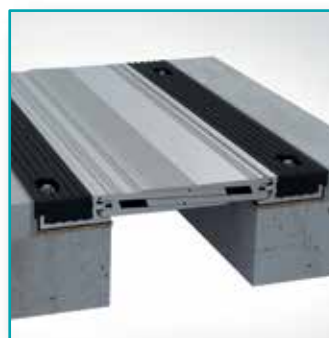
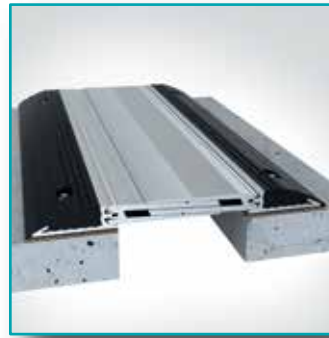
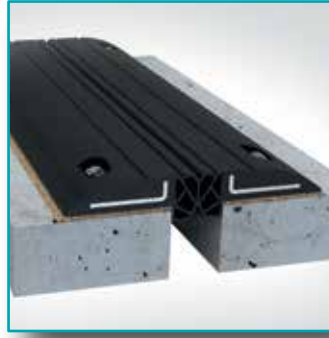


Seismic wall and ceiling profiles have the wide and decorative side surface. Can be delivered by powder coated or anodised.



APPLICATIONS

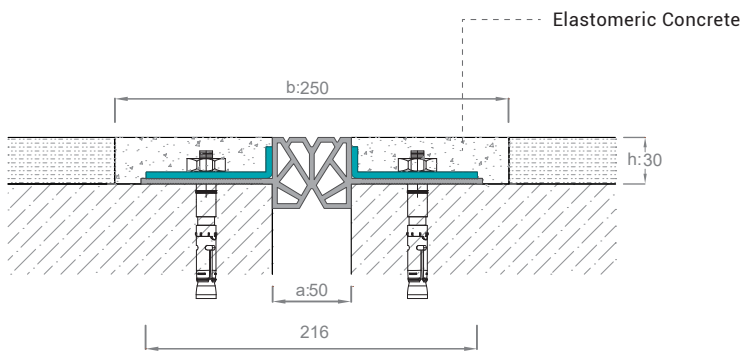
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR291-050	Aluminium top surface, anodised seismic wall and ceiling profile	50	222	16	222	Anodised Alu.	± 50
AR291-100	Aluminium top surface, anodised seismic wall and 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



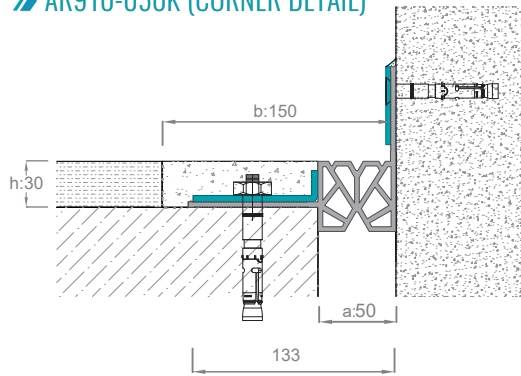
carpark expansion joint profiles



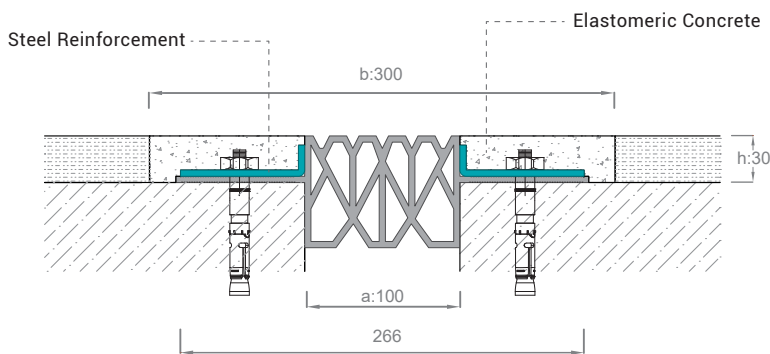
» AR910-050



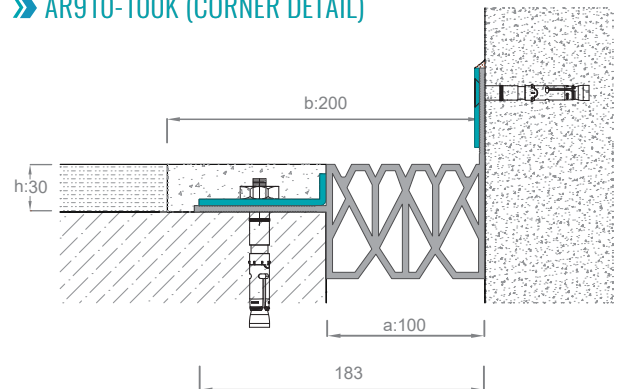
» AR910-050K (CORNER DETAIL)



» 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

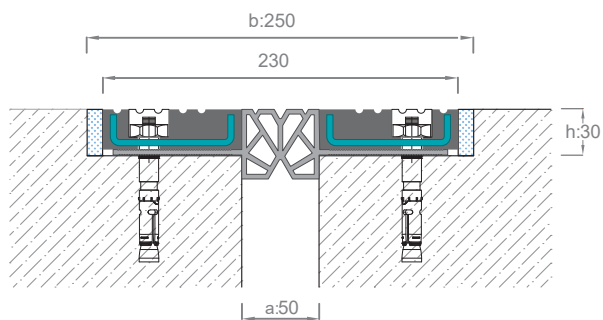


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 910 - 050	Assembled with steel profiles	50	250	30	216	TPE+Steel	± 25	30 Ton
AR 910 - 100	Assembled with steel profiles	100	300	30	266	TPE+Steel	± 50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

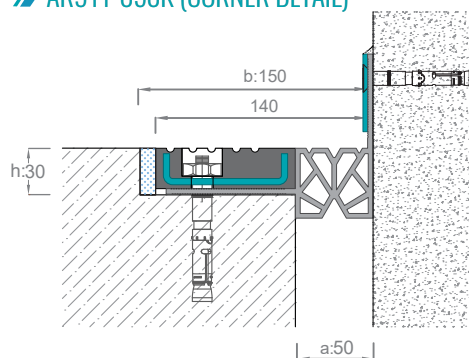
CARPARK FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



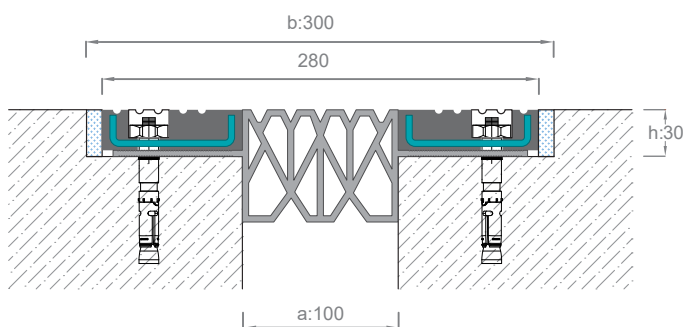
» AR911-050



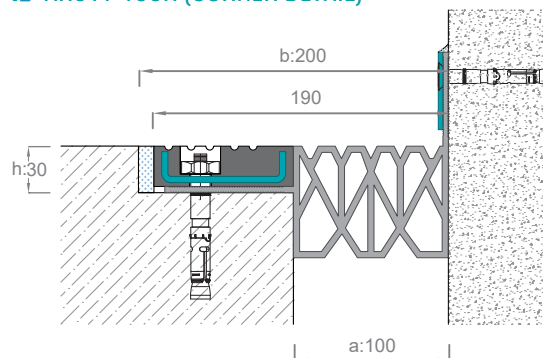
» AR911-050K (CORNER DETAIL)



» AR911-100



» AR911-100K (CORNER DETAIL)



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

APPLICATIONS

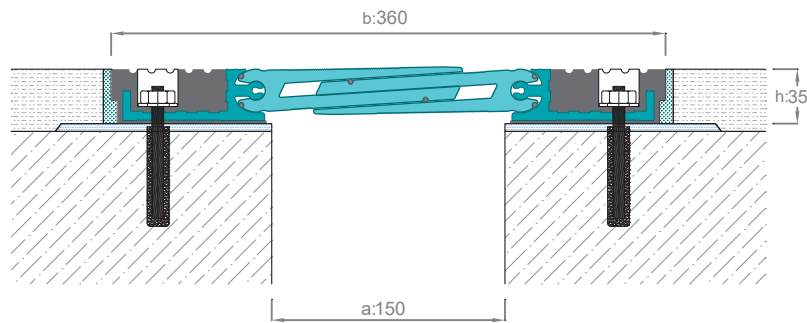


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 911 - 050	Steel reinforced composite floor profile	50	250	30	250	Rubber + TPE	± 25	30 Ton
AR 911 - 051	Steel reinforced composite floor profile	50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

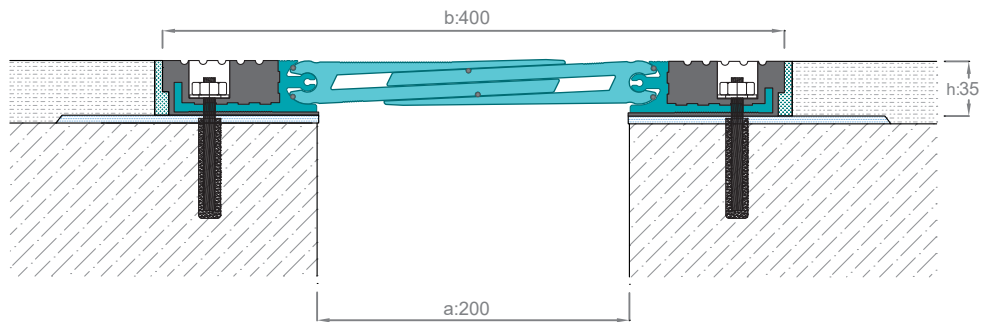
CARPARK FLUSH MOUNTED FLOOR EXPANSION JOINT PROFILES



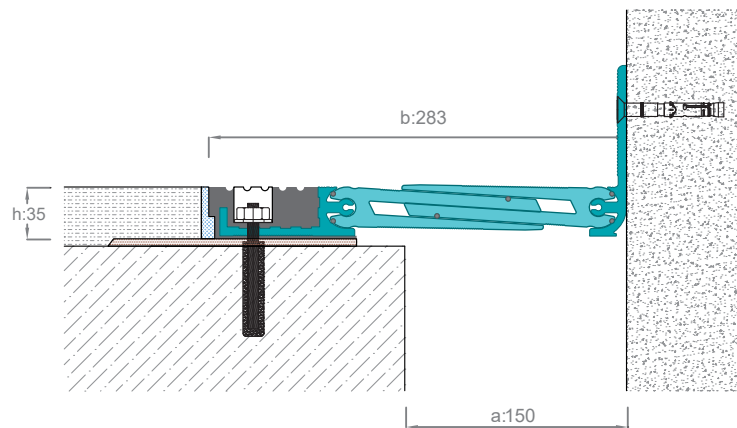
» AR911-150



» AR911-200

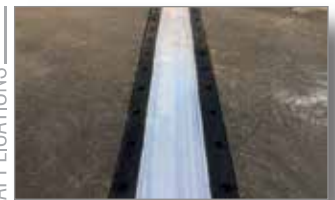


» AR911-150K



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

APPLICATIONS

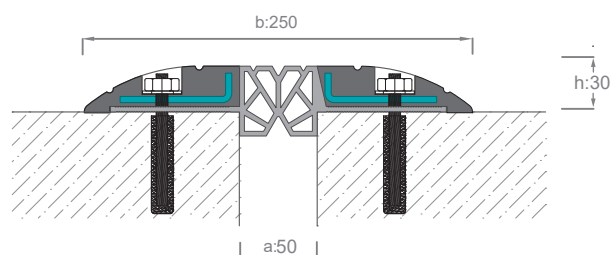


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 911 - 150	Composite, rubber, aluminium floor profile	150	360	35	360	Mill Finish Alu.+Rubber	+35/-25	30 Ton
AR 911 - 200	Composite, rubber, aluminium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

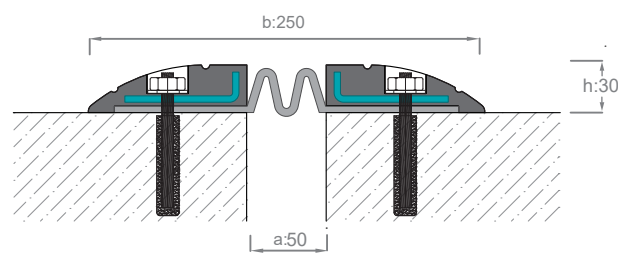
CARPARK SURFACE MOUNTED FLOOR EXPANSION JOINT PROFILES



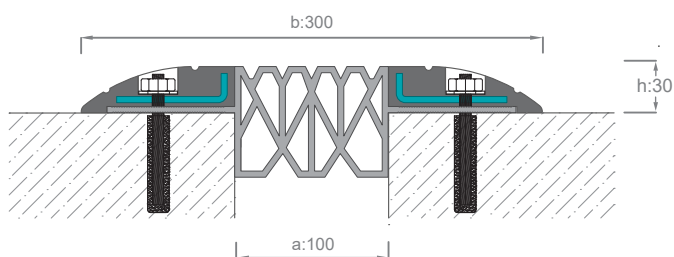
» AR921-050



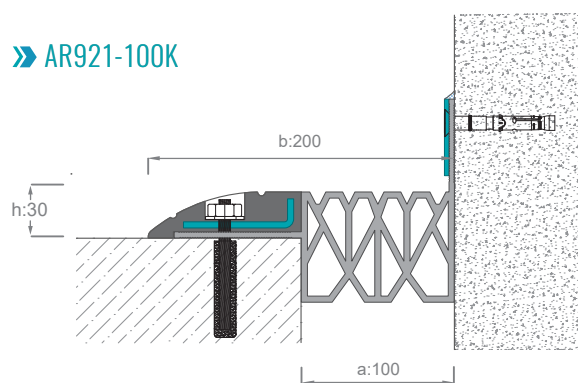
» AR921-051



» AR921-100



» AR921-100K



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.

APPLICATIONS



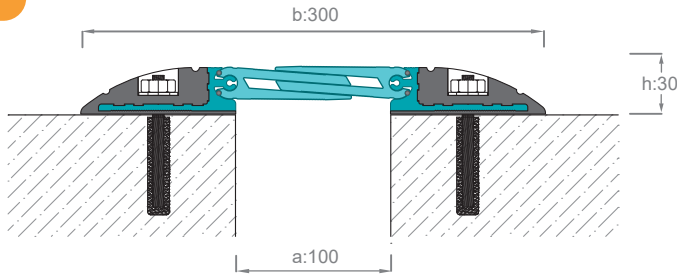
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR921-050	Speed bumper, composite, rubber, steel profile	50	250	30	250	Rubber+TPE	± 25	9 Ton
AR921-051	Speed bumper, composite, rubber, steel profile	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	± 60	9 Ton

CARPARK SURFACE MOUNTED FLOOR EXPANSION JOINT PROFILES

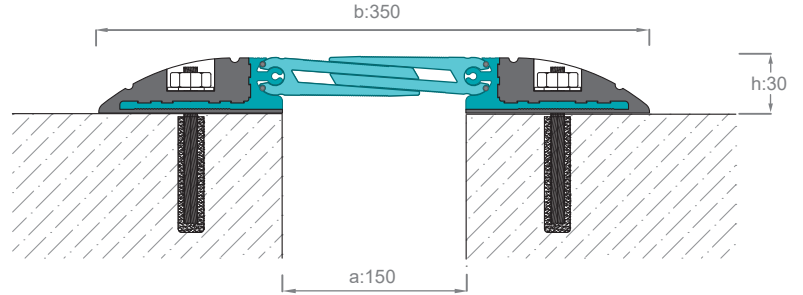


Carpark Expansion Joint Profiles

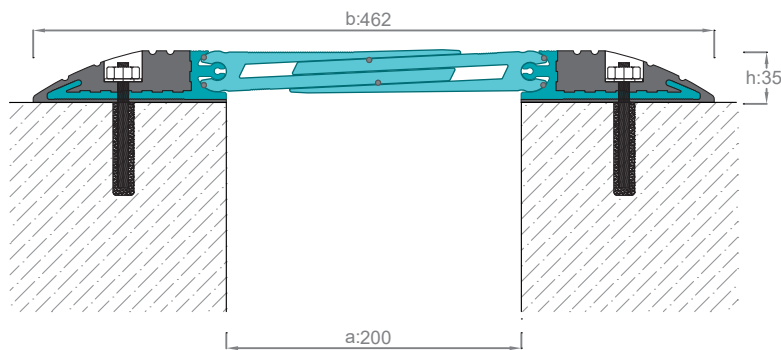
» AR921-101



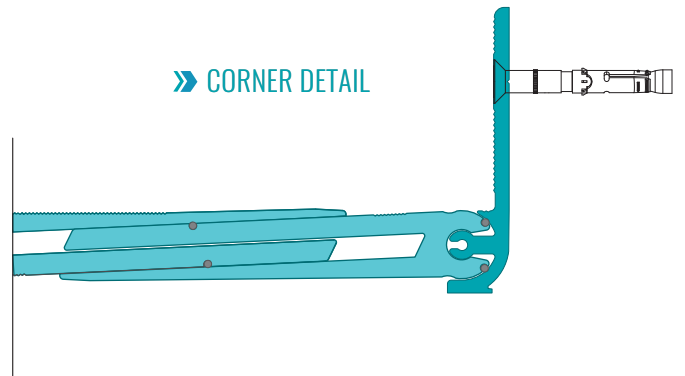
» AR921-150



» 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.

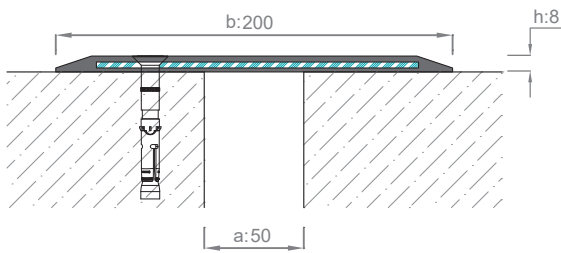
APPLICATIONS



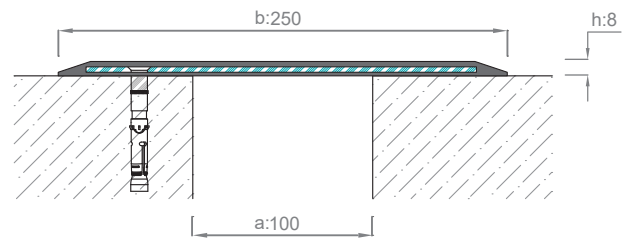
CARPARK SURFACE MOUNTED FLOOR EXPANSION JOINT PROFILES



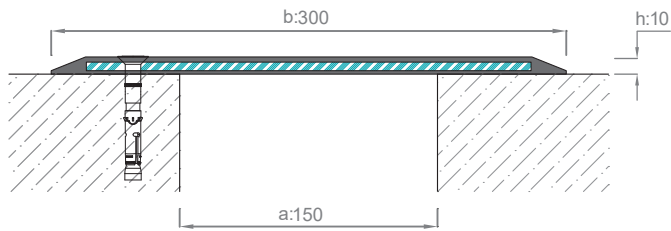
» AR951-050



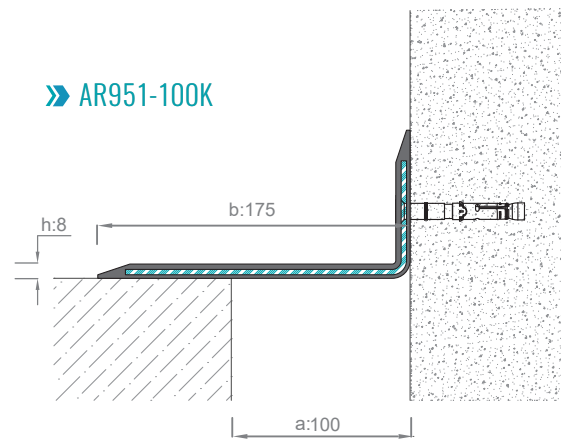
» AR951-100



» AR951-150



» AR951-100K



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.

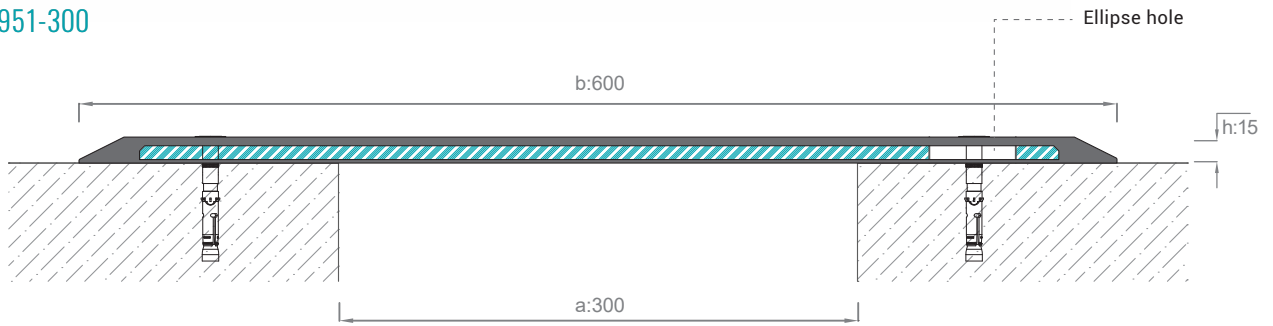
APPLICATIONS



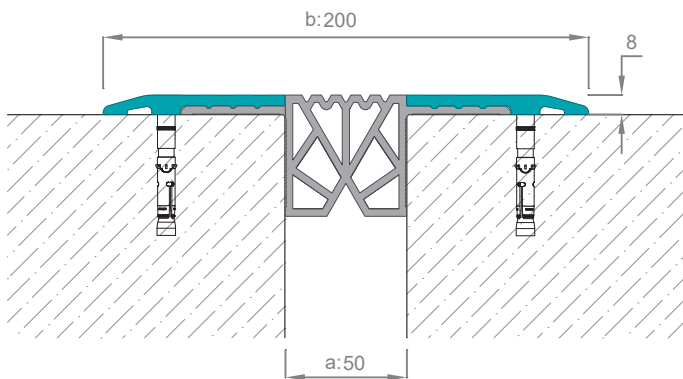
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	ST 37 STEEL THICKNESS mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR951-050	Composite, Rubber, Steel floor profile	50	200	8	3	200	Rubber	± 50	9 Ton
AR951-100	Composite, Rubber, Steel floor profile	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



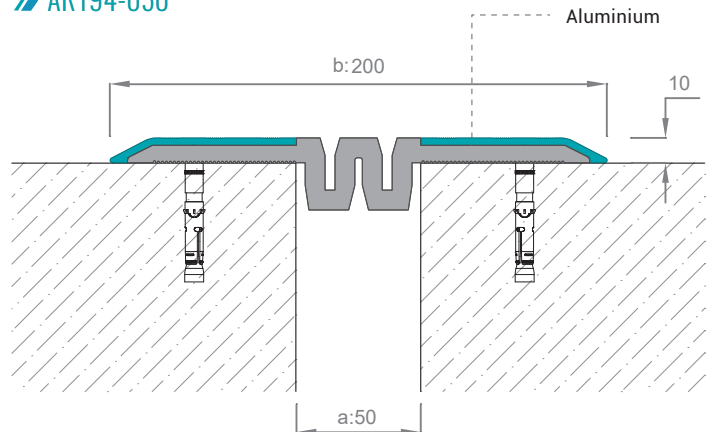
» AR951-300



» AR192-050



» AR194-050



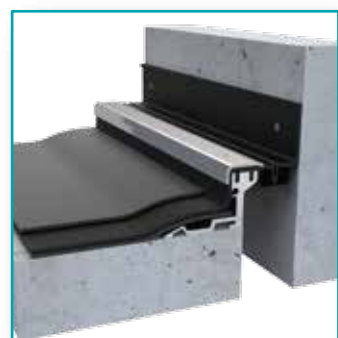
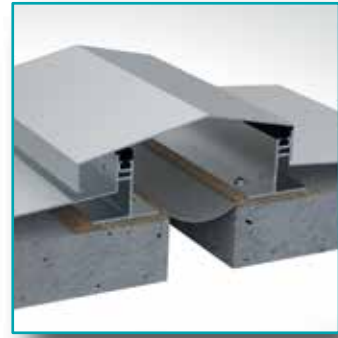
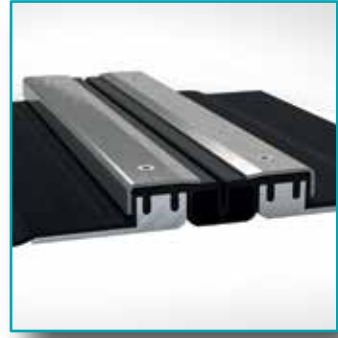
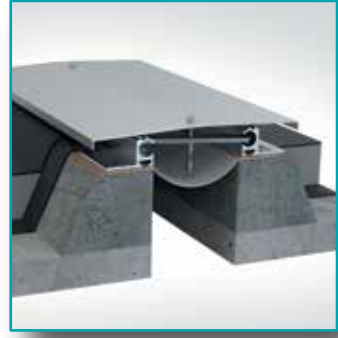
- Stainless Steel top profile can be produced by request.

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

APPLICATIONS



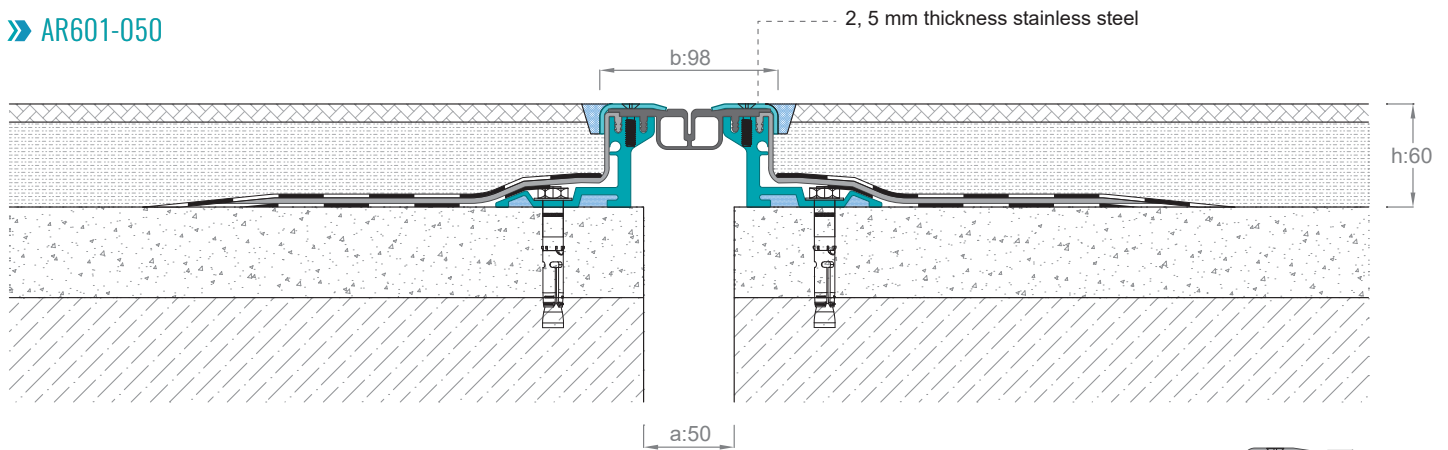
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR 192 - 050	Mill Finish Flush Mounted Floor Profile	50	200	45	200	Mill Finish Alu.+TPE	± 25	9 Ton
AR 193 - 050	Galvanized Flush Mounted Floor Profile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



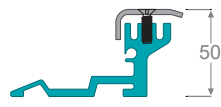
» AR601-050



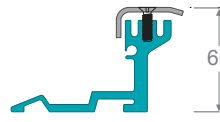
Hygienic gasket alternative



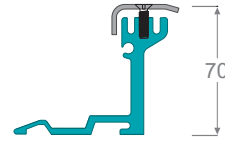
» AR600-050A



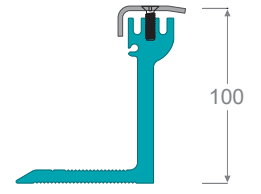
» AR600-050



» AR601-050

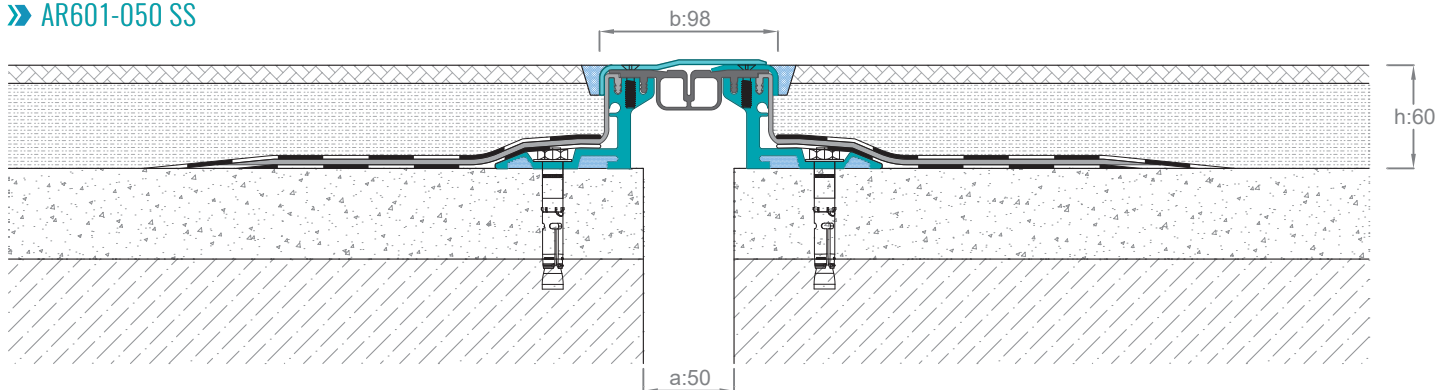


» AR602-050



» AR603-050

» AR601-050 SS

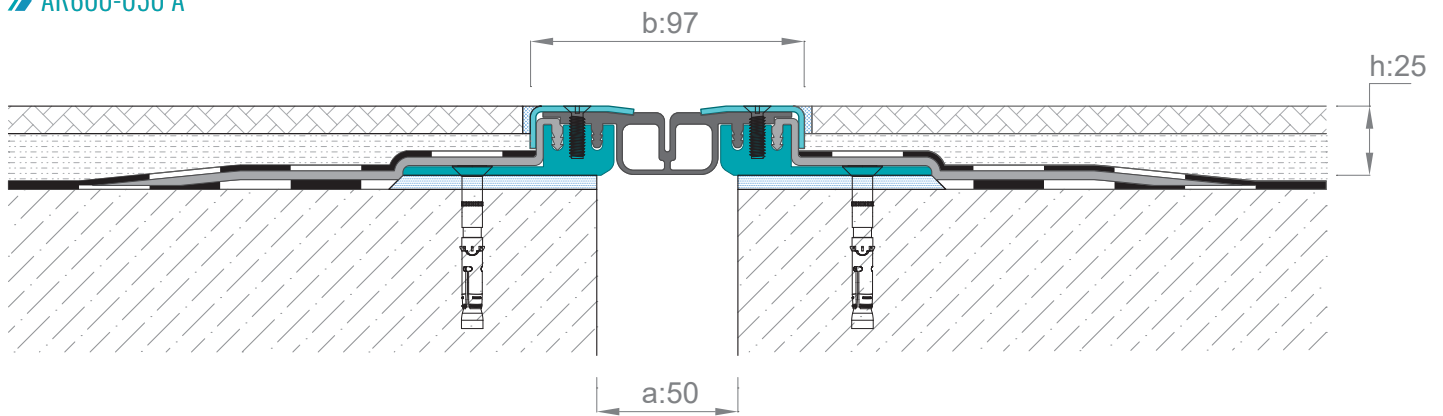


SS 304 quality stainless steel being used. Adoptable with rubber mixture bitumen membrane.

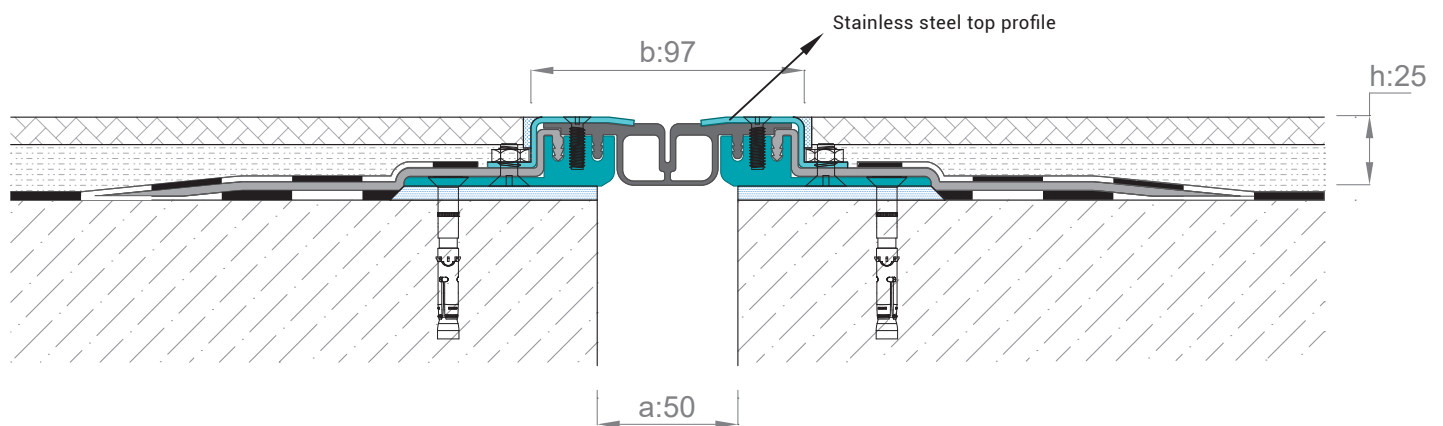
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR600-050A	Ideal for ceramic applications	50	97	25	580	TPV + Stainless Steel	± 20	3,5 Ton
AR600-050	Suitable for granite, marble, concrete and etc.	50	98	50	560	TPV + Stainless Steel	± 20	15 Ton 6 Ton
AR600-050 SS	Suitable for granite, marble with stainless steel top surface	50	98	50	560	Stainless Steel	± 20	15 Ton 6 Ton
AR601-050	Suitable for granite, marble, concrete and etc.	50	98	60	540	TPV + Stainless Steel	± 20	15 Ton 6 Ton
AR602-050	Suitable for granite, marble, concrete and etc.	50	98	70	520	TPV + Stainless Steel	± 20	15 Ton 6 Ton
AR603-050	Suitable for granite, marble, concrete and etc.	50	98	100	460	TPV + Stainless Steel	± 20	15 Ton 6 Ton



» AR600-050 A



» AR600-050 A2



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

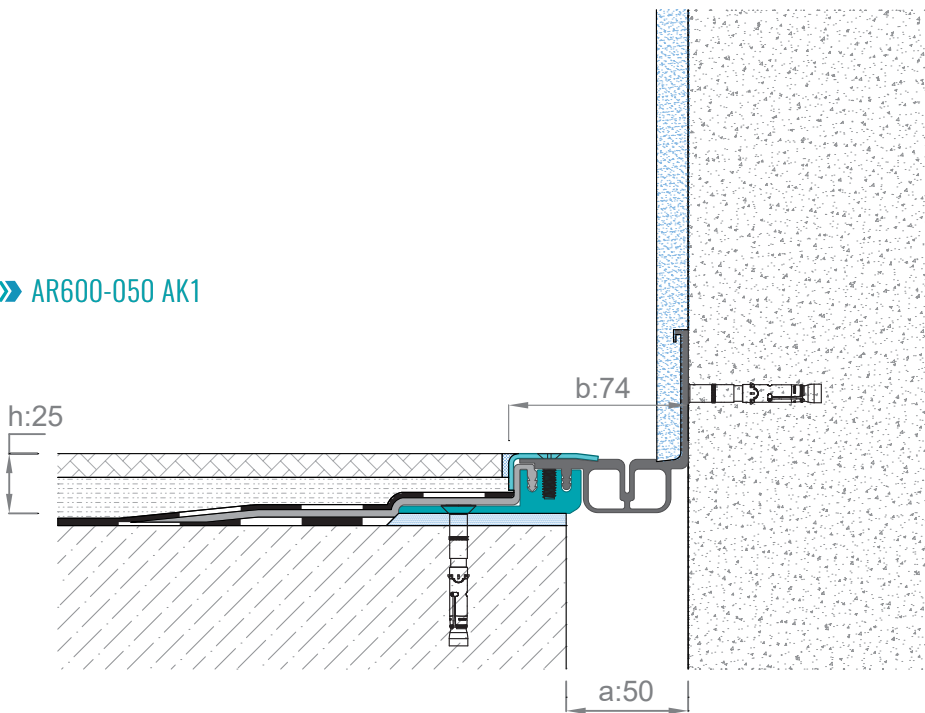
APPLICATIONS



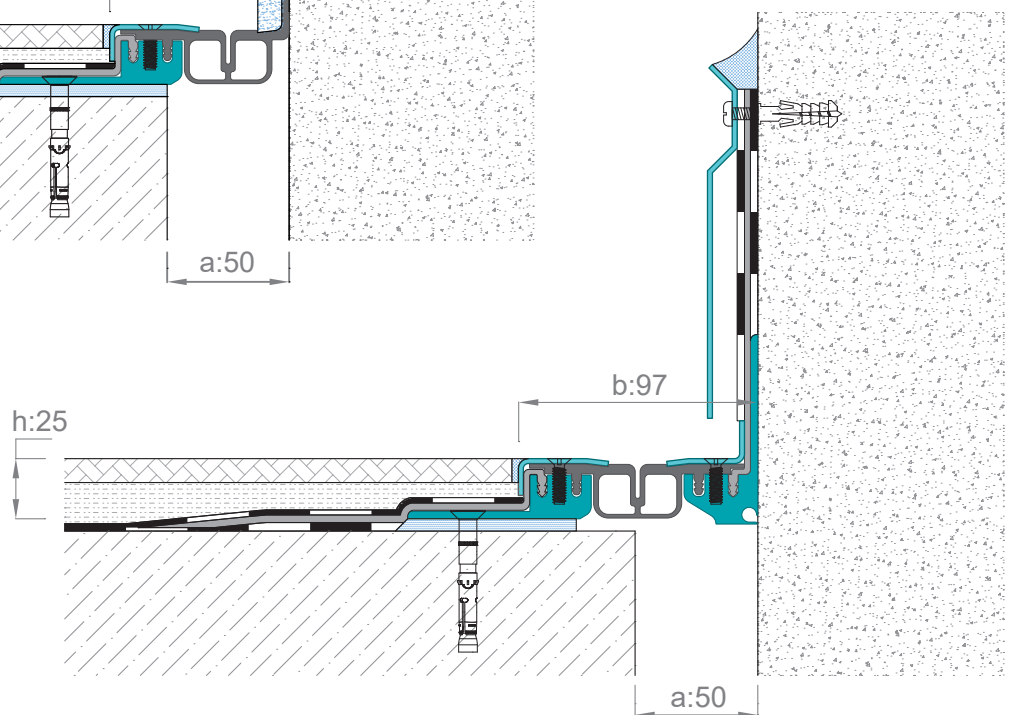
FLUSH MOUNTED FLOOR- COMPLETELY WATERTIGHT EXPANSION JOINT PROFILES

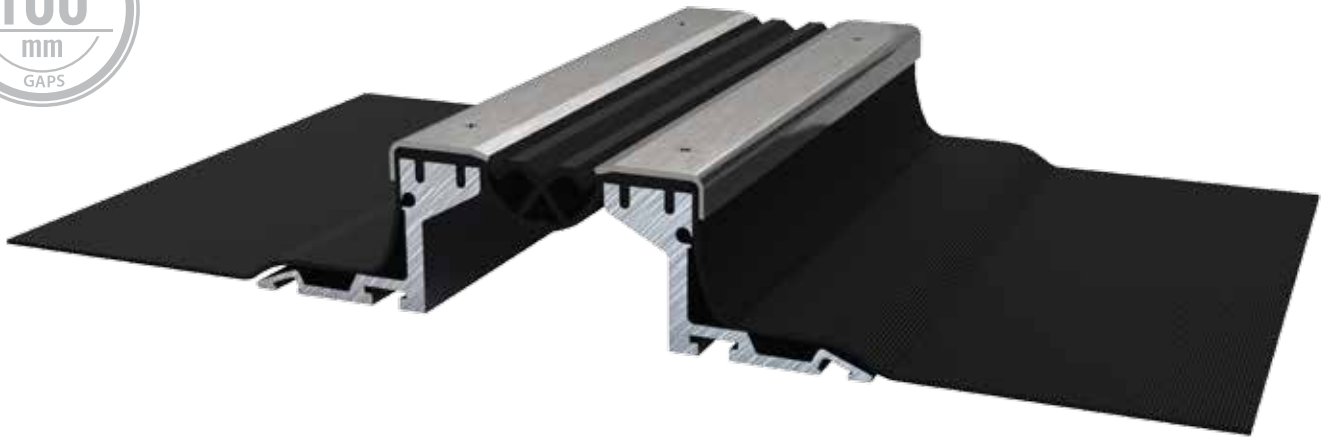


» AR600-050 AK1

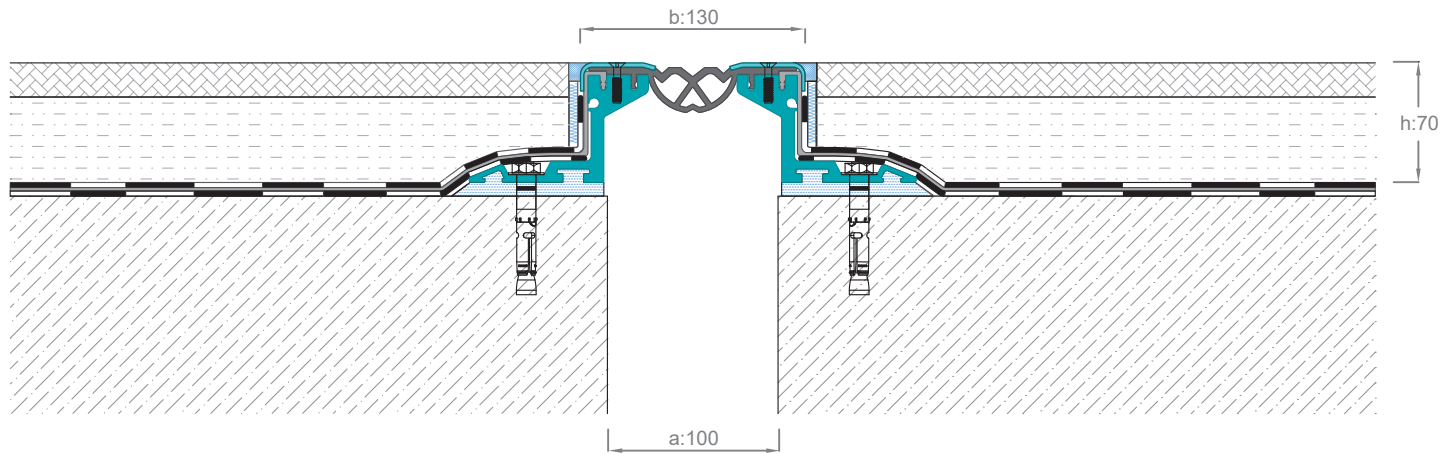


» AR600-050 AK2

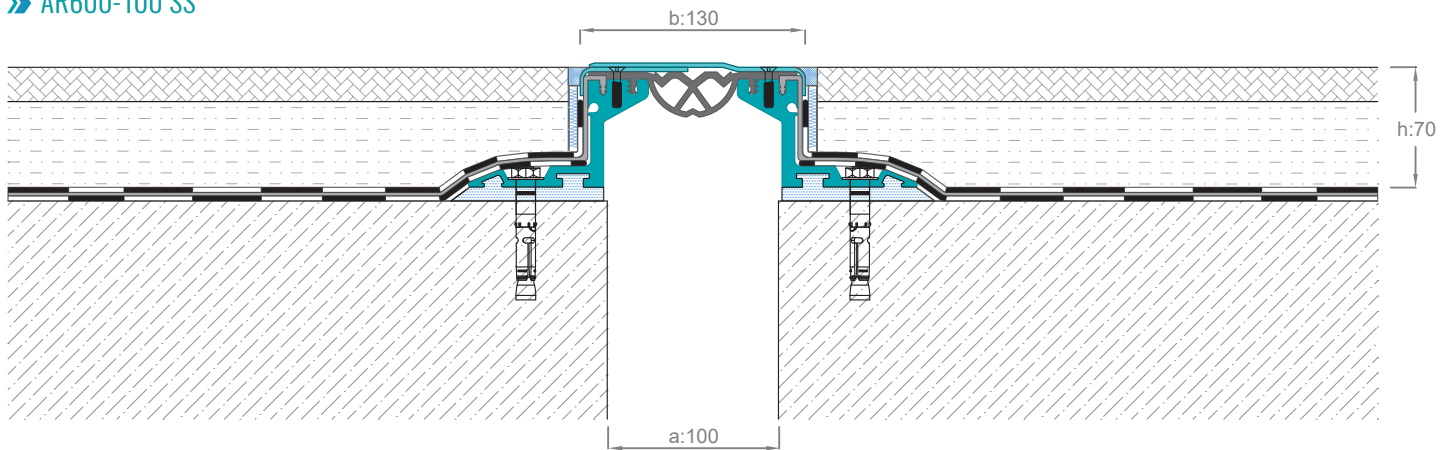




» AR600-100



» AR600-100 SS



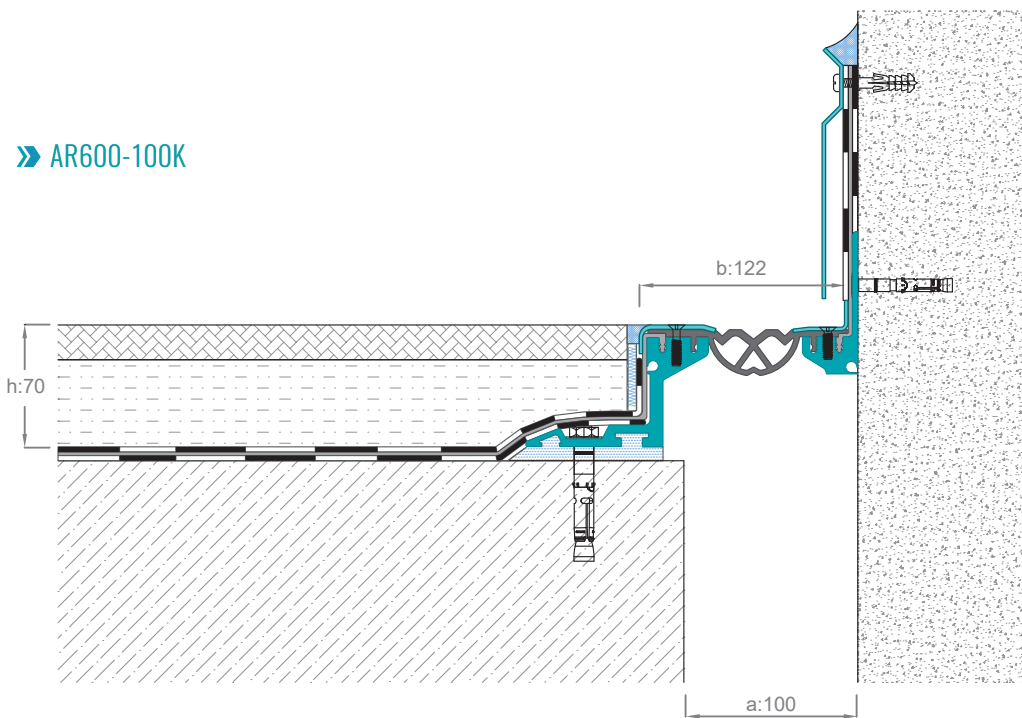
Economic stainless steel top surfaced flush mounted expansion joint profiles are used for 100 mm joint gaps. Additionally, suitable with rubber mixture bitumen membrane.

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
AR600-100 SS	Suitable for granite, marble and etc. with S. Steel top surface	100	130	70	580	Stainless Steel	± 20	9 Ton 3.5 Ton

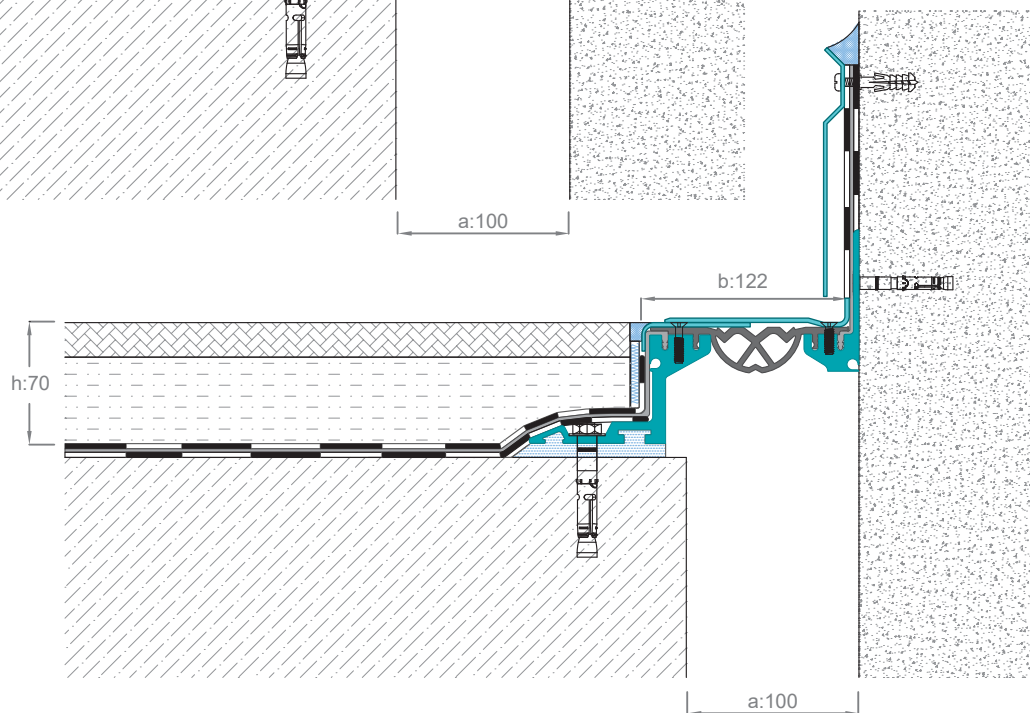
FLUSH MOUNTED FLOOR- COMPLETELY WATERTIGHT EXPANSION JOINT PROFILES

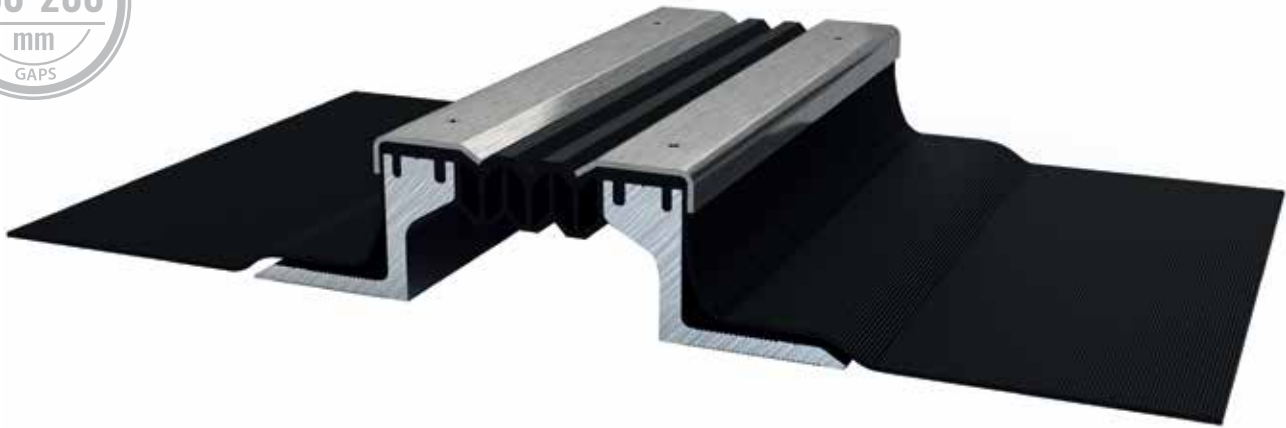


» AR600-100K

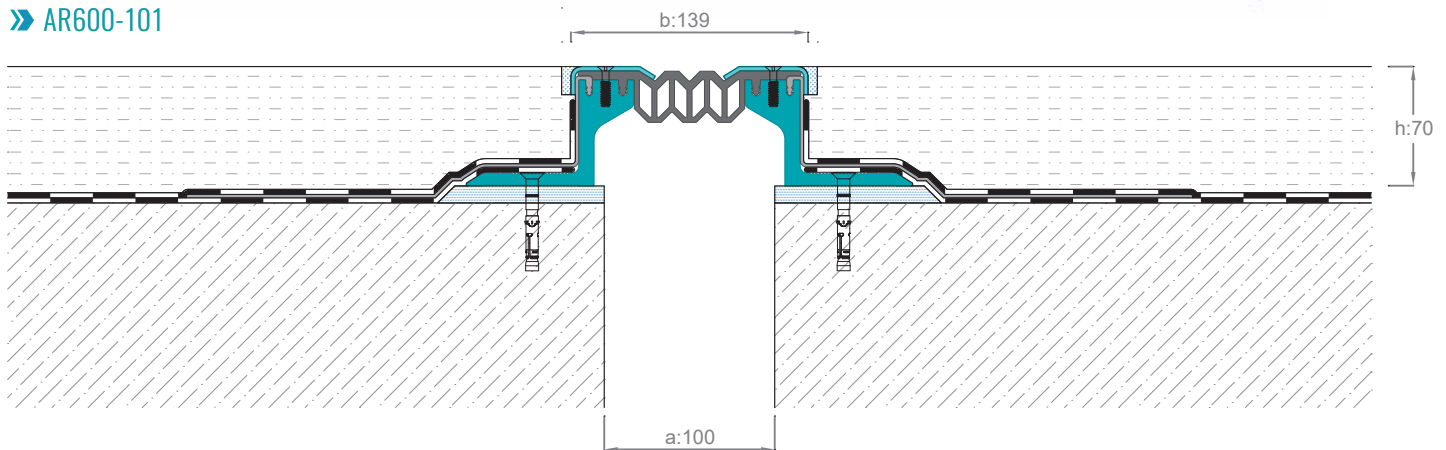


» AR600-100 SSK

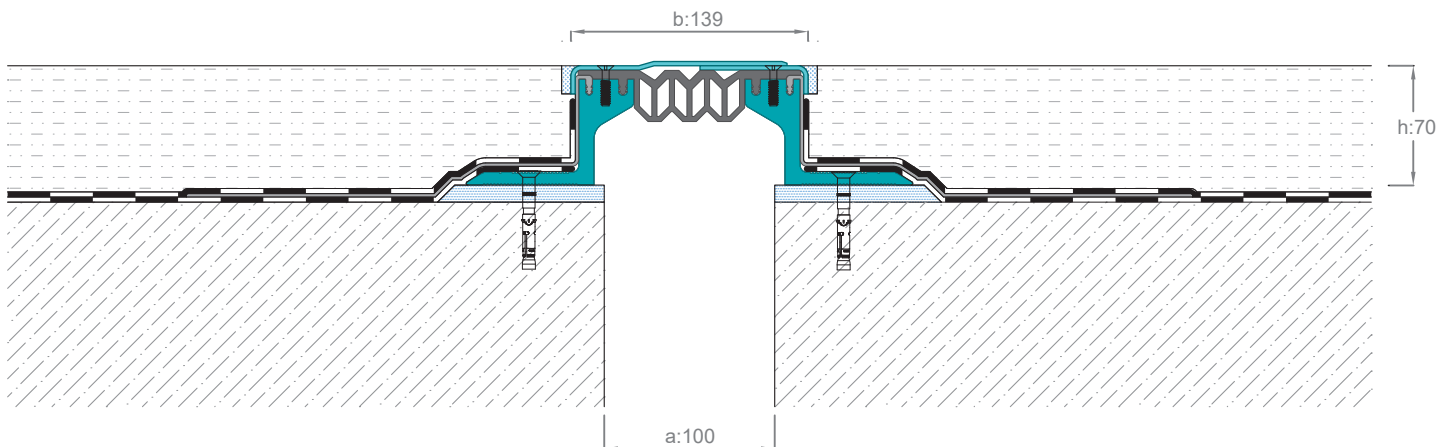




» AR600-101



» AR600-101 SS



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.

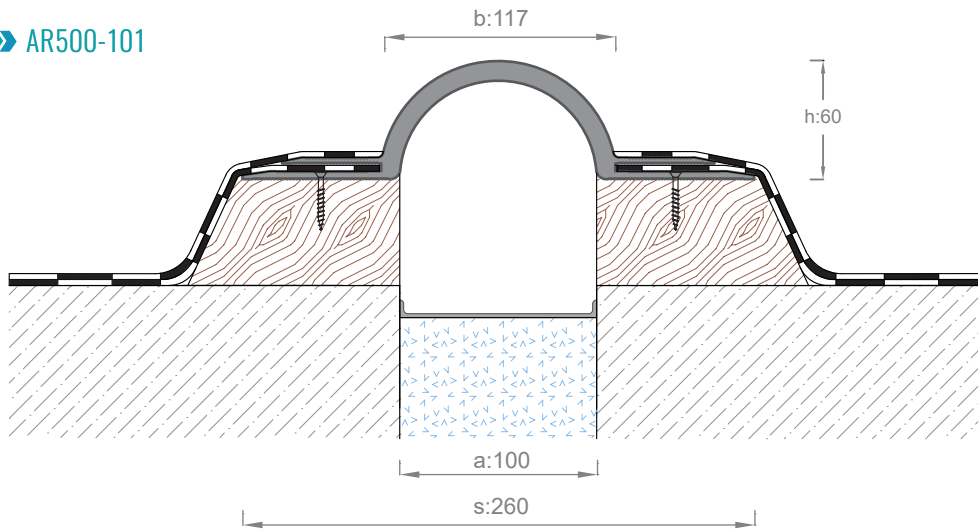
APPLICATIONS



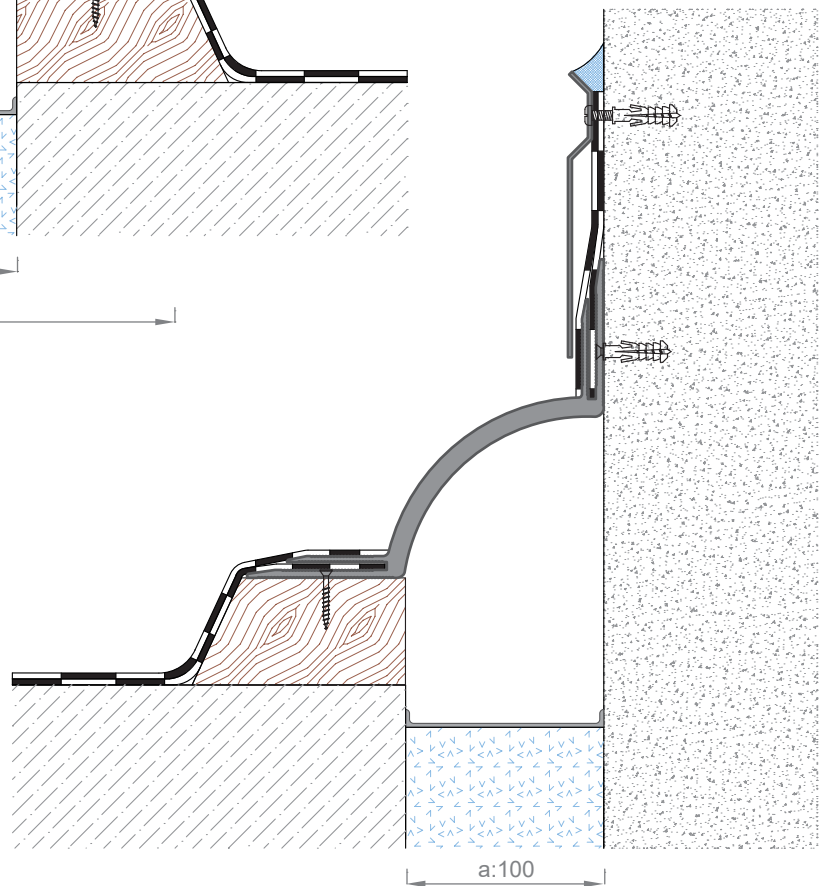
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm	LOAD CAPACITY
AR600-101	Suitable for granite, marble, ceramic, concrete and etc.	100	139	70	590	TPV+Stainless Steel	± 30	15 Ton 6 Ton
AR600-101 SS	Suitable for granite,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



» AR500-101



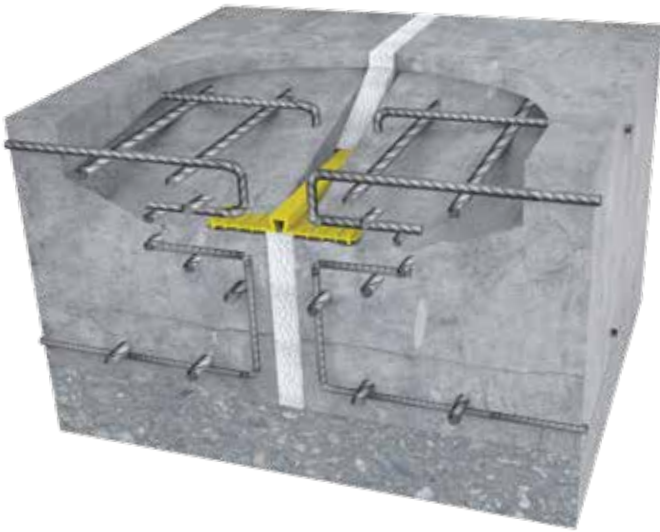
» AR500-101 CORNER DETAIL



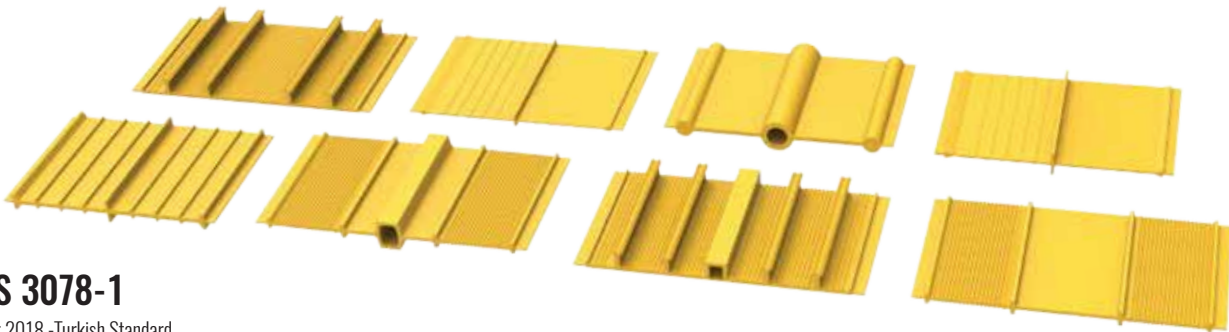
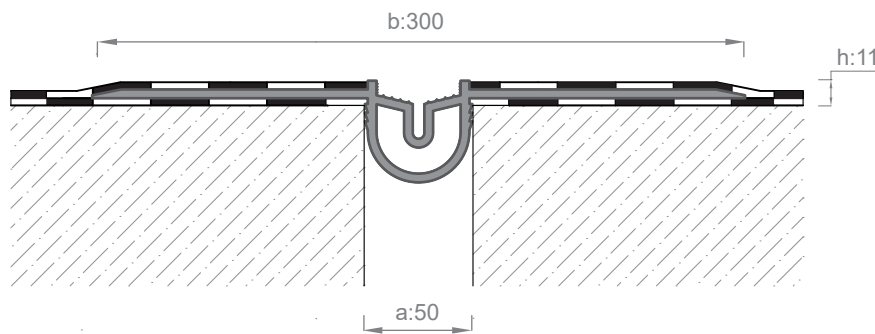
APPLICATIONS



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



» AR500-030



TS 3078-1

November 2018 -Turkish Standard

» AK 20/2 

» A 20/5 

» AK 20/3 

» I 20/5 

» A 24/4 

» DA 24/4 

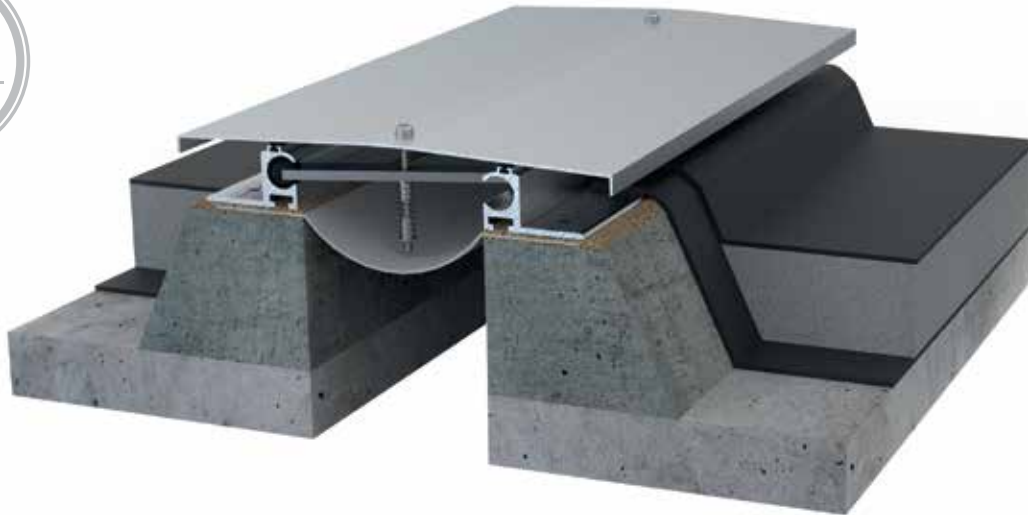
» AA 24/4 

» D 24/4 

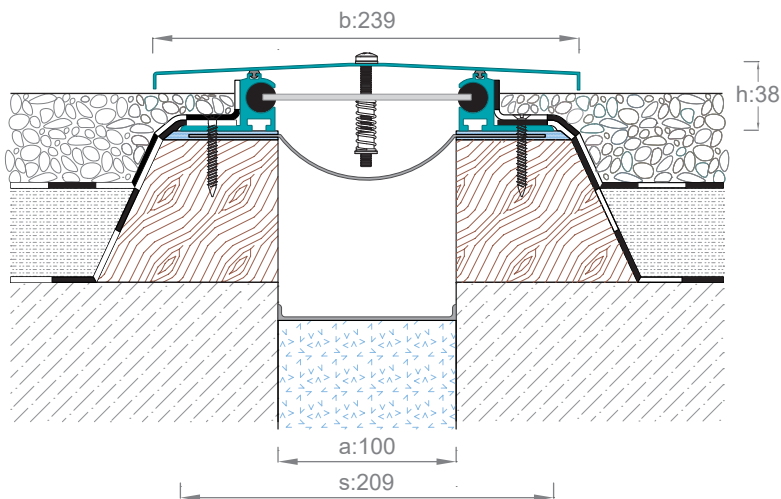
ARFEN's different typed and dimensioned watertight bands are suitable for International standards and Turkish standards. Utilized in foundation to retaining wall, foundation to foundation and retaining wall to retaining wall. Delivered in 25 meters length as a roll.

APPLICATIONS

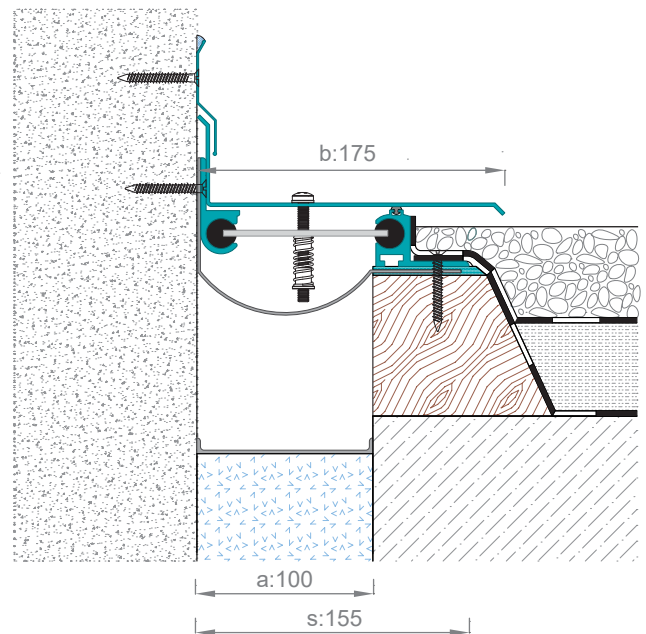




» AR605-100



» 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.

APPLICATIONS

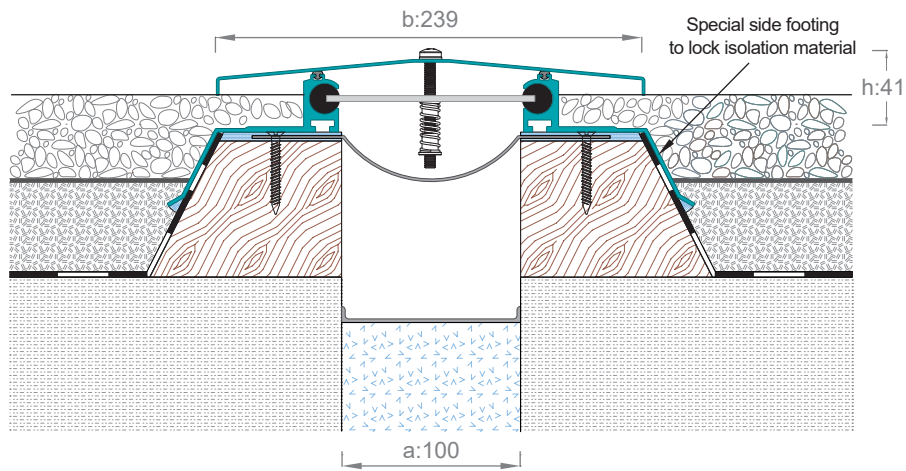


PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 605 - 050	Coping profiles for terrace applications	50	189	38	189	Anodised Alu./ Powder coated paint	± 25
AR 605 - 100	Coping profiles for terrace applications	100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

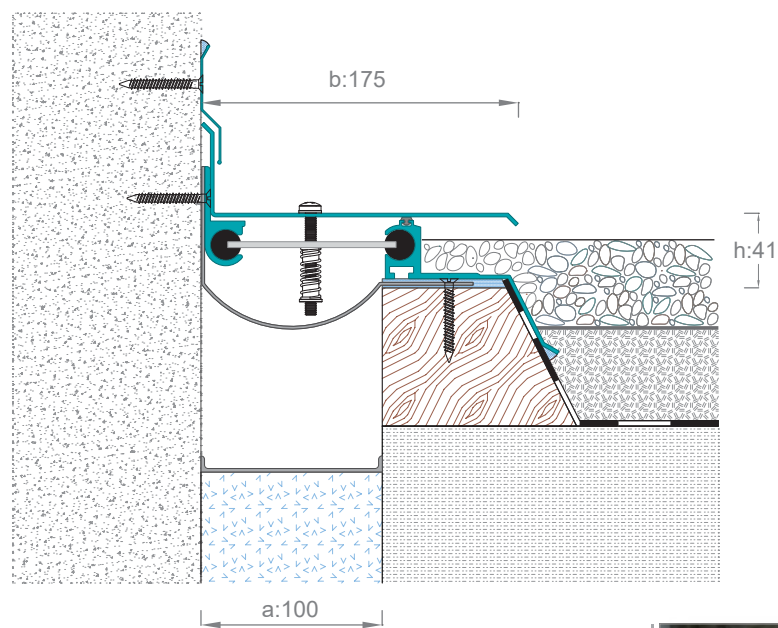
TERRACE EXPANSION JOINT PROFILES



» AR605-101



» AR605-101K



APPLICATIONS

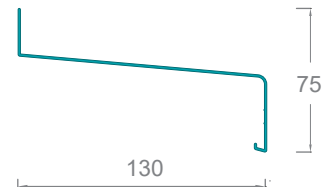
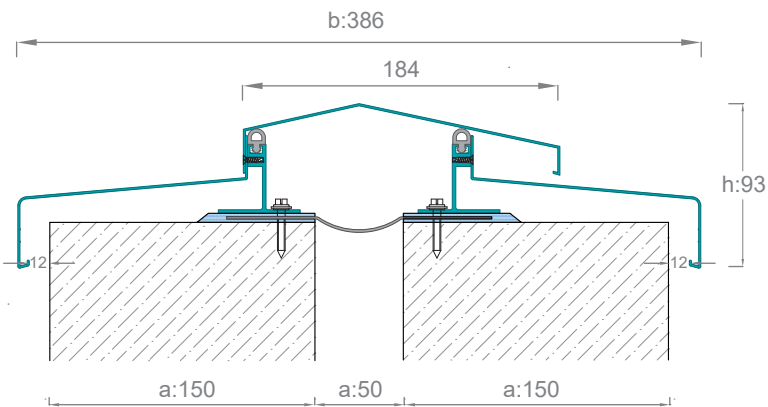


APPLICATIONS

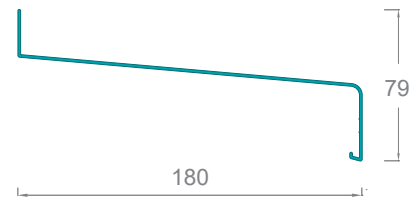




» AR606-050

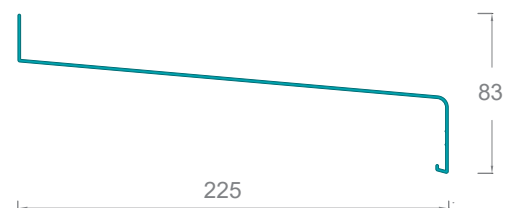
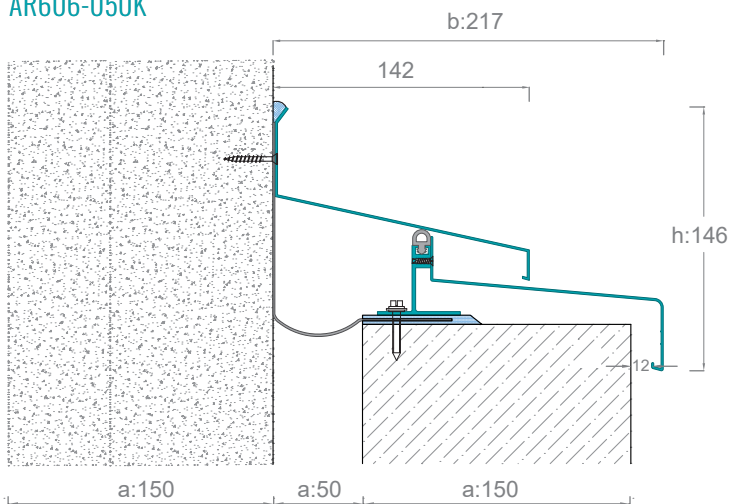


AR 606-050 15 CM PARAPET



AR 606-051 20 CM PARAPET

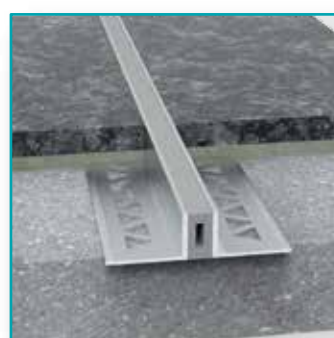
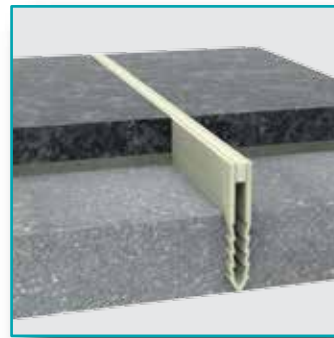
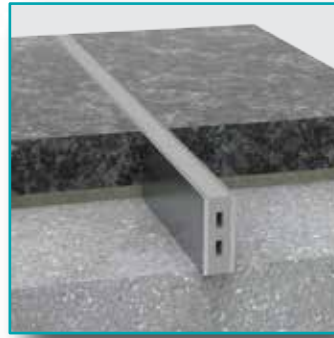
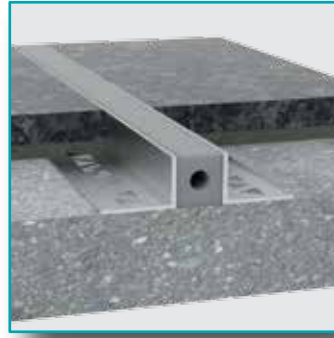
» AR606-050K



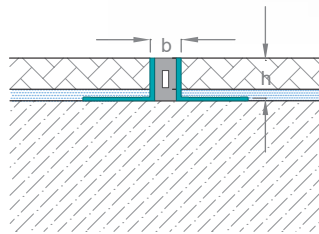
AR 606-052 25 CM PARAPET

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

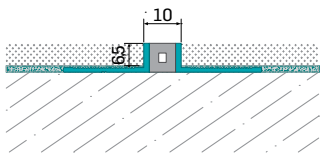
PRODUCT CODE	DESCRIPTION	JOINT WIDTH (a) mm	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	TOTAL WIDTH (s) mm	SURFACE	MOVEMENT CAPACITY mm
AR 606 - 050	Coping profiles for terrace applications	50	386	93	386	Anodised Alu./ Powder coated paint	± 25
AR 606 - 100	Coping profiles for terrace applications	100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



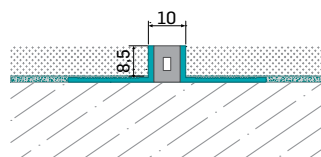
movement joint profiles



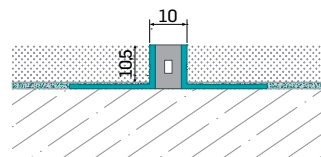
» DP 01-06



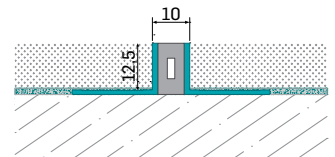
» DP 01-08



» 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.

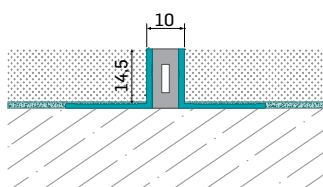
» APPLICATION STANDARDS

Application Area	Minimum Application Area m ²	Maximum Application Area m ²	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

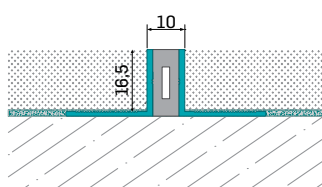
ALUMINIUM JOINT PROFILES



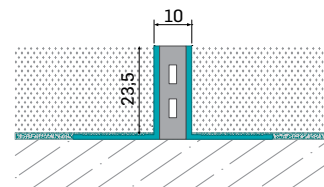
» DP 01-14



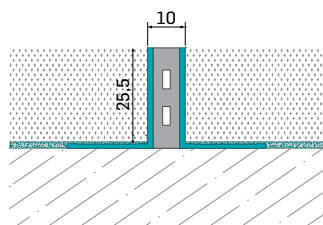
» DP 01-16



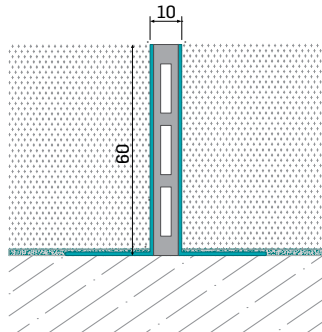
» DP 01-23



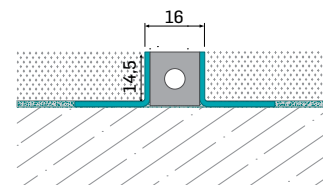
» DP 01-25



» DP 01-60



» DP 13-14

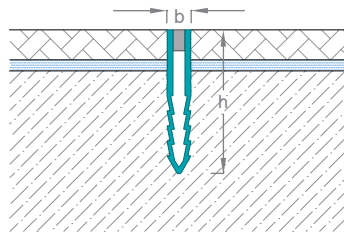
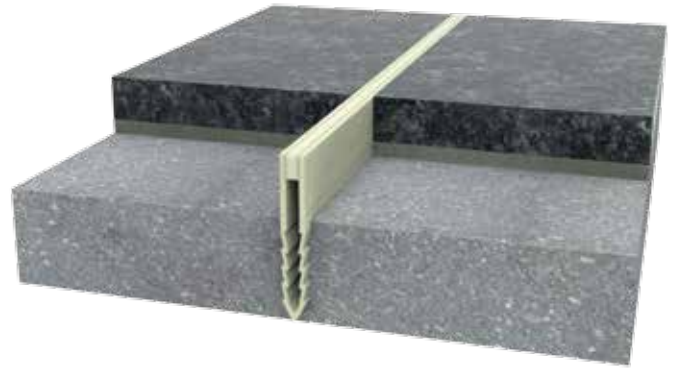


APPLICATIONS



PRODUCT CODE	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	LOAD 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

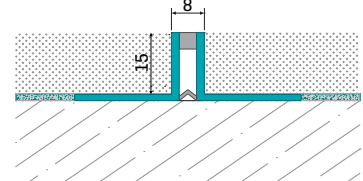
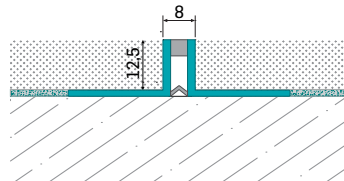
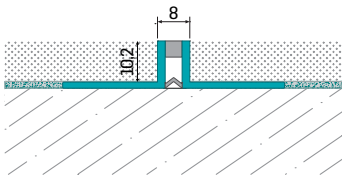
PVC JOINT PROFILES



» DP 02-10

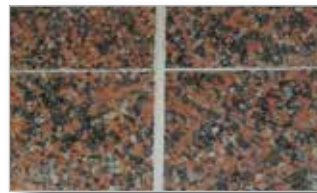
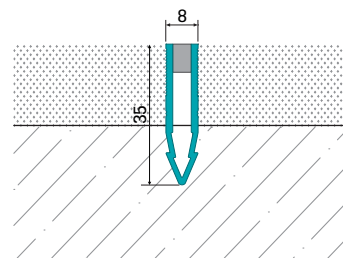
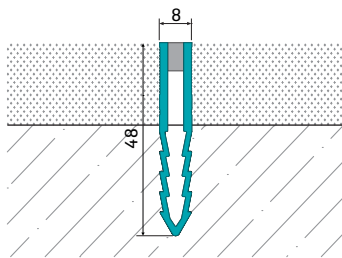
» DP 02-12

» DP 02-15



» DP 06

» DP 06-1

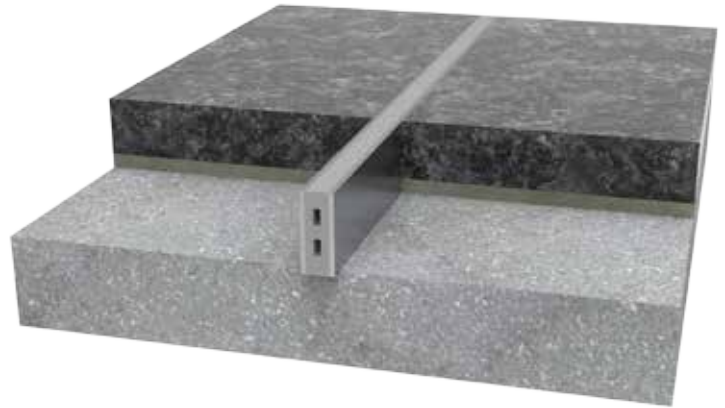
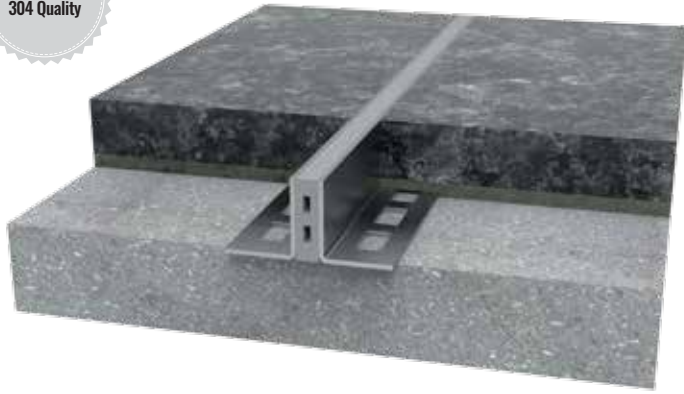


APPLICATIONS

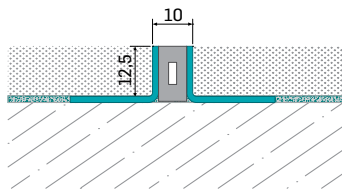
PRODUCT CODE	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	LOAD CAPACITY mm
DP 02-10	8	10,5+1,2	±2
DP 02-12	8	12,5+1,2	±2
DP 02-15	8	15+1,2	±2
DP 06	8	48	±2
DP 06-1	8	35	±2

STAINLESS STEEL JOINT PROFILES

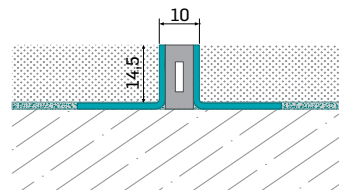
Stainless Steel
304 Quality



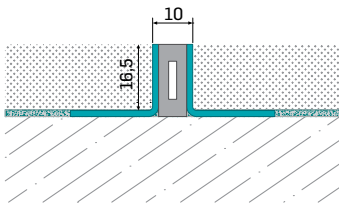
» DP 08-12



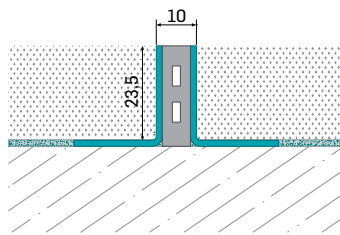
» DP 08-14



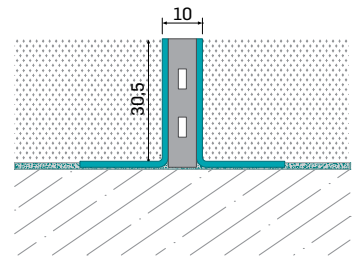
» DP 08-16



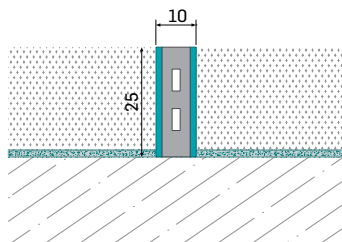
» DP 08-23



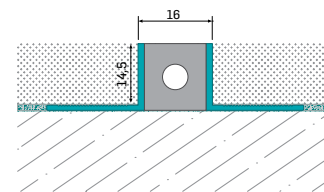
» DP 08-30



» DP 11



» DP 14-14



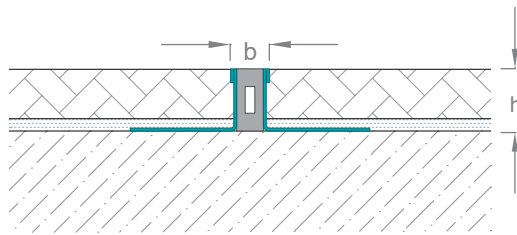
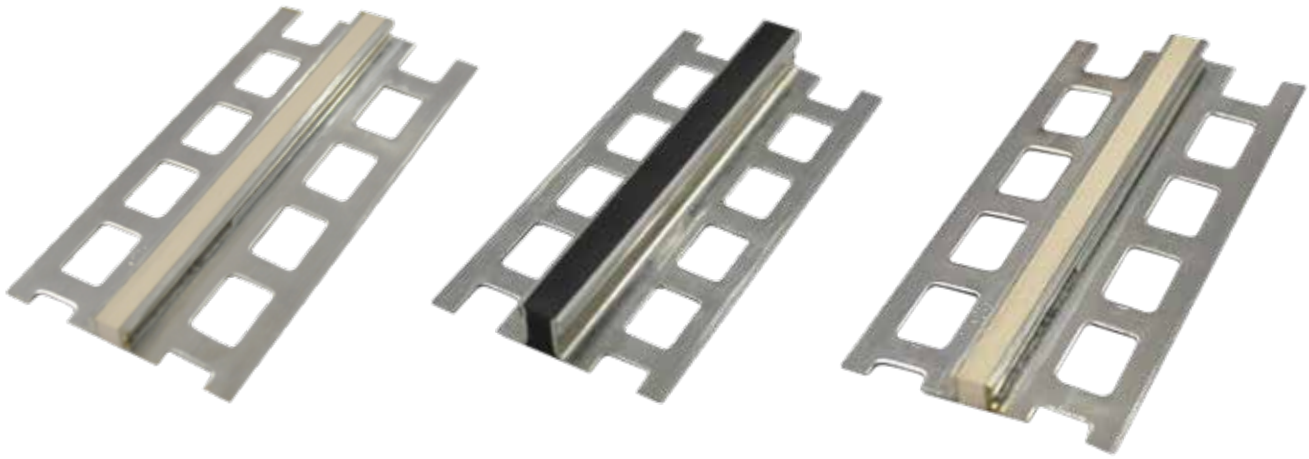
APPLICATIONS



PRODUCT CODE	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	LOAD CAPACITY mm
DP 08-12	10	12,5+1,5	+5/-3
DP 08-14	10	14,5+1,5	+5/-3
DP 08-16	10	16,5+1,5	+5/-3
DP 08-23	10	23,5+1,5	+5/-3
DP 08-30	10	30,5+1,5	+5/-3
DP 11	10	25	+5/-3
DP 14-14	16	14,5+1,5	±7

Movement Joint Profiles

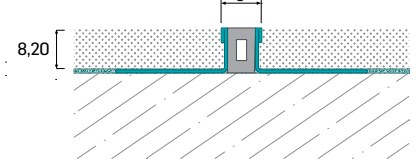
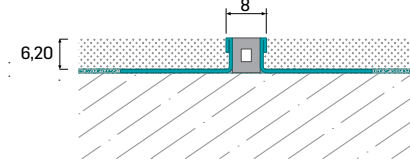
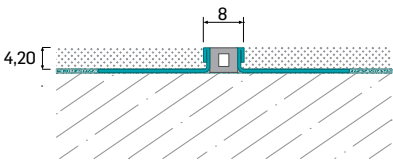
STAINLESS STEEL JOINT PROFILES



» DP 09-04

» DP 09-06

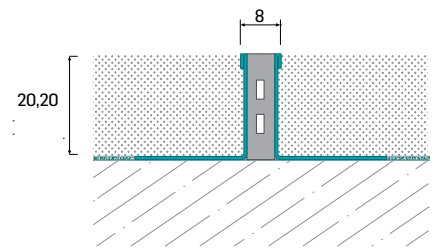
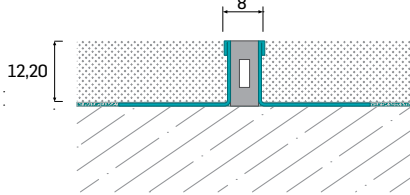
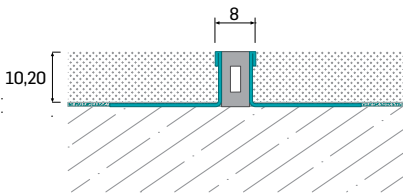
» DP 09-08



» DP 09-10

» DP 09-12

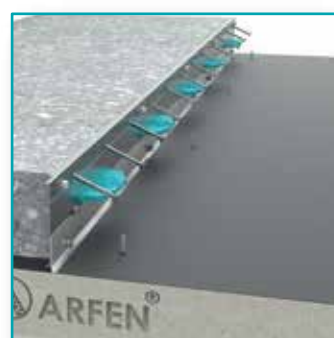
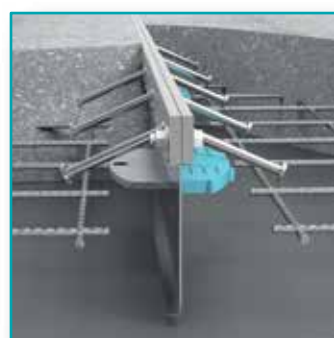
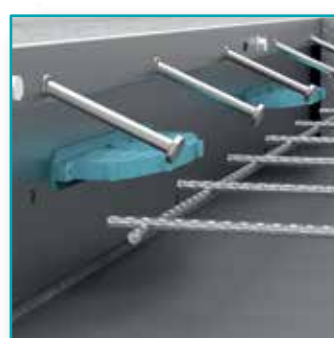
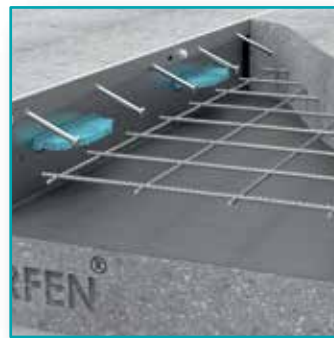
» DP 09-20



APPLICATIONS



PRODUCT CODE	VISIBLE SURFACE (b) mm	PROFILE HEIGHT (h) mm	LOAD 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

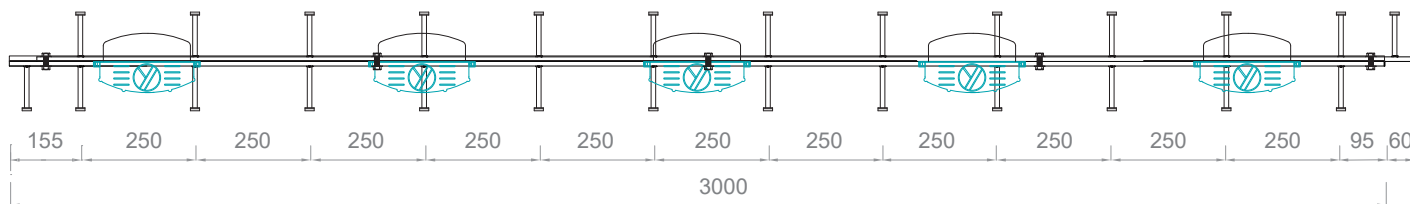


» RIGHT AFTER POURING CONCRETE

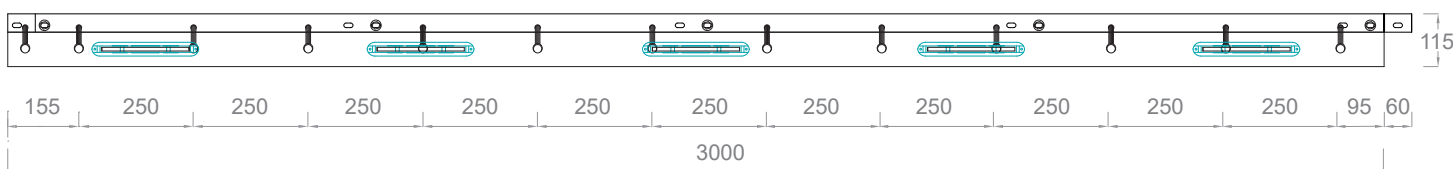


» 2-3 WEEKS AFTER POURED CONCRETE

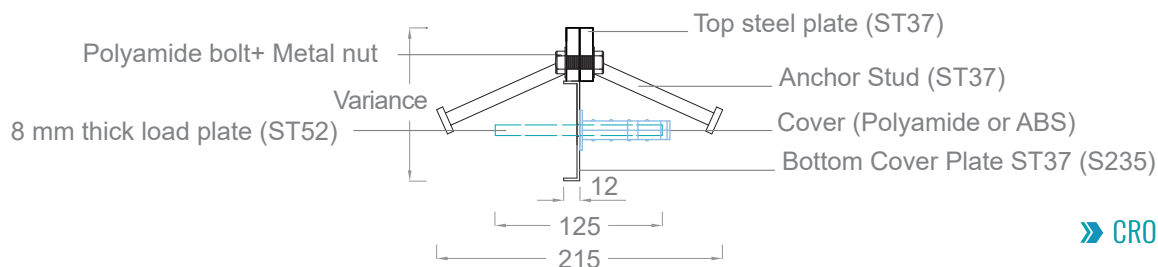
Arfen slab expansion joints are steel expansion joints that extend the service life of concrete slabs which intend to carry high loads. Slab joints can easily be applied in industrial floors to minimize uncontrolled crack formation. ARFEN's Slab Joint surfaces are produced as hot dip galvanized steel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



» PLAN



» FRONT VIEW



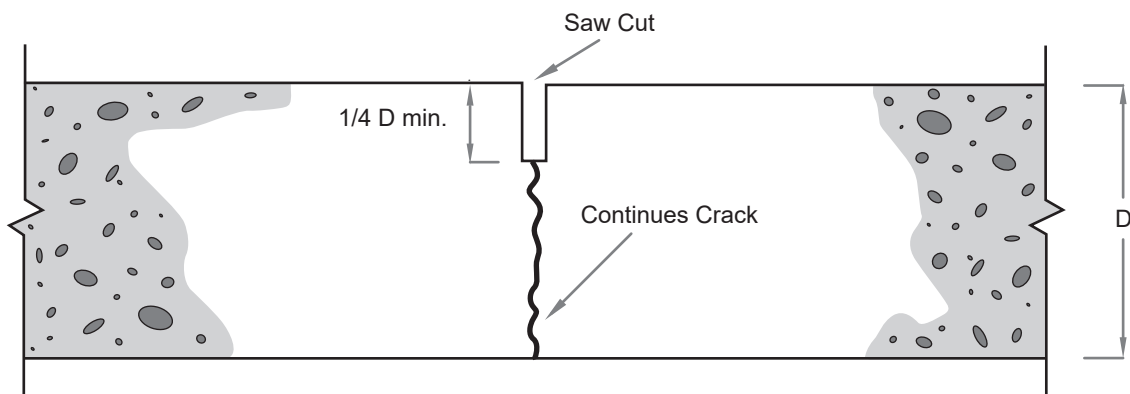
» CROSS SECTION

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

ARFEN SLAB JOINT



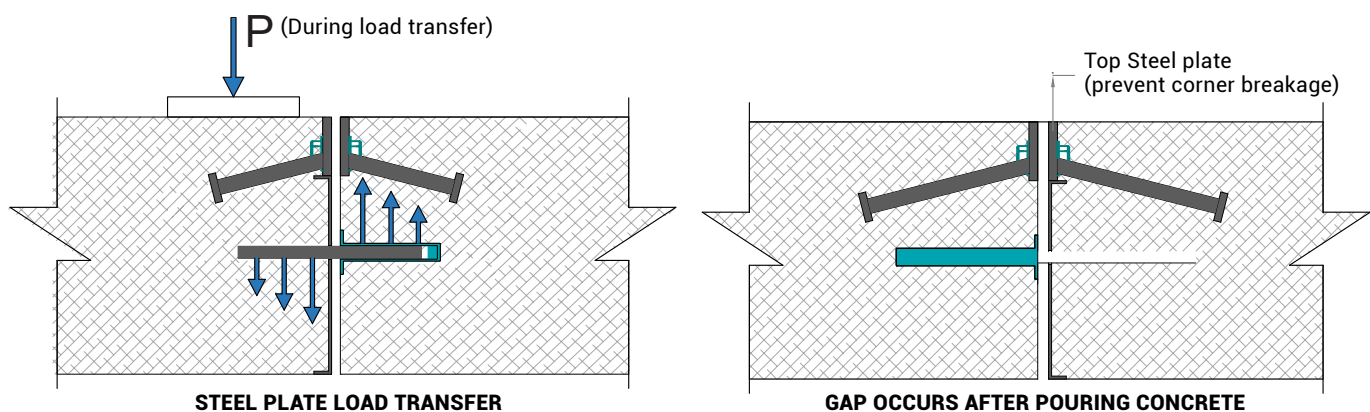
Traditionally, the slab concrete gets cut 24 hours after the concrete has been poured at widths of 24 to 30 times the thickness of the slab concrete. Internal shrinkage in the concrete starts happening after 4 to 18 hours which occurs in between the weak points of cement and aggregates



» 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;

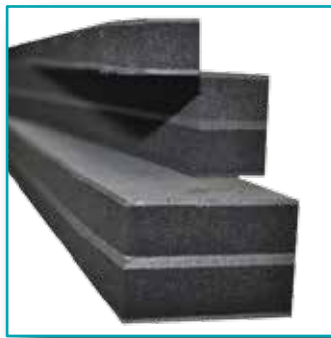
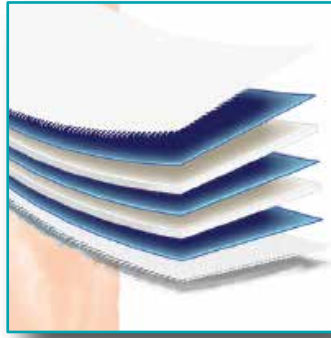
- 1- Increase steel reinforcement amount to avoid random cracks. When cracks are firmly reinforced by steel, aggregate pieces transfer the load on other side of the small cracks. So the load gets evenly distributed. However, using too much steel reinforcement in concrete slab can create unpleasant view 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 FIRESTOP 120 FIRE BLANKET

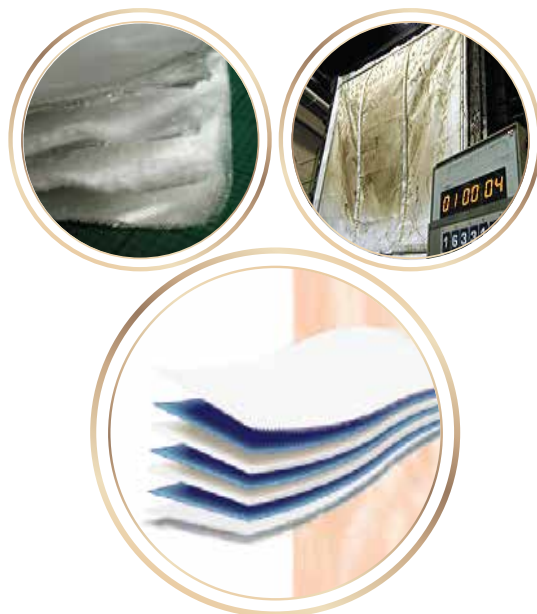
Firestop 120 is a high performance, low weight, 7 layer fiberglass fire blanket that is designed to prevent fire and smoke passage in Expansion Joint gaps and also prevents heat transfer and flame transition to cold side.



- ✓ At various widths((FS100,FS150,FS200,FS250,FS300)
- ✓ Suitable to expansion joint gaps from 10 cm to 40 cm
- ✓ Easily applicable
- ✓ Galvanized Assembly profile
- ✓ Tested according to BS 476: Part 20/22.
- ✓ Active on 120 minutes
- ✓ Preventing heat transfer for 30 minutes
- ✓ Production length is 7 meter.

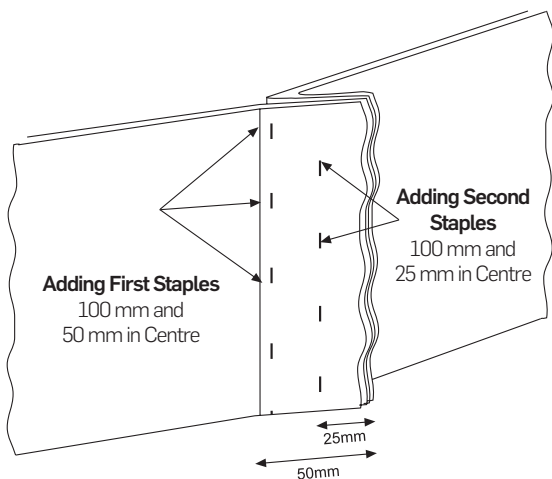


30 MINUTES ISOLATION **120** MINUTES OF INTEGRITY

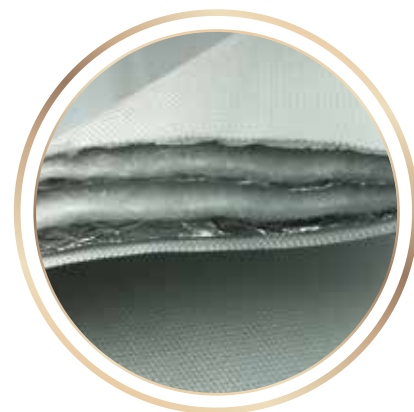


WF Test Report No. 167940 Assessment Report No. 168737

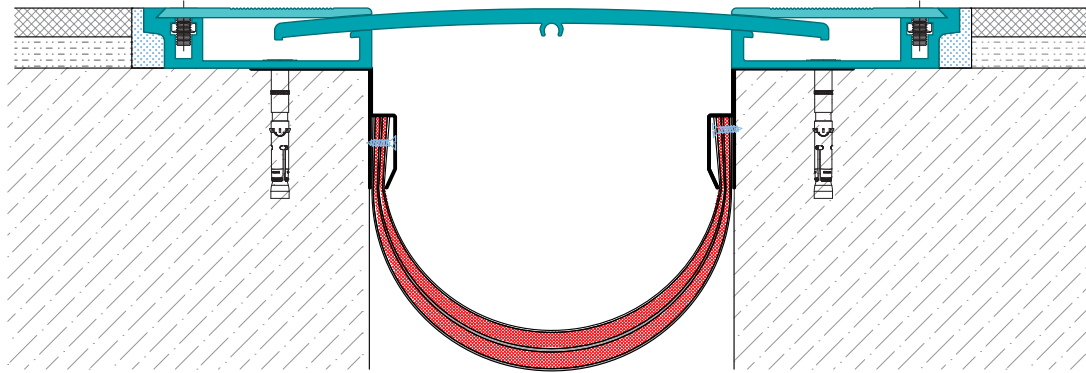
FIRE BLANKET- JOINING DETAIL



Can easily be applied by a stapler.

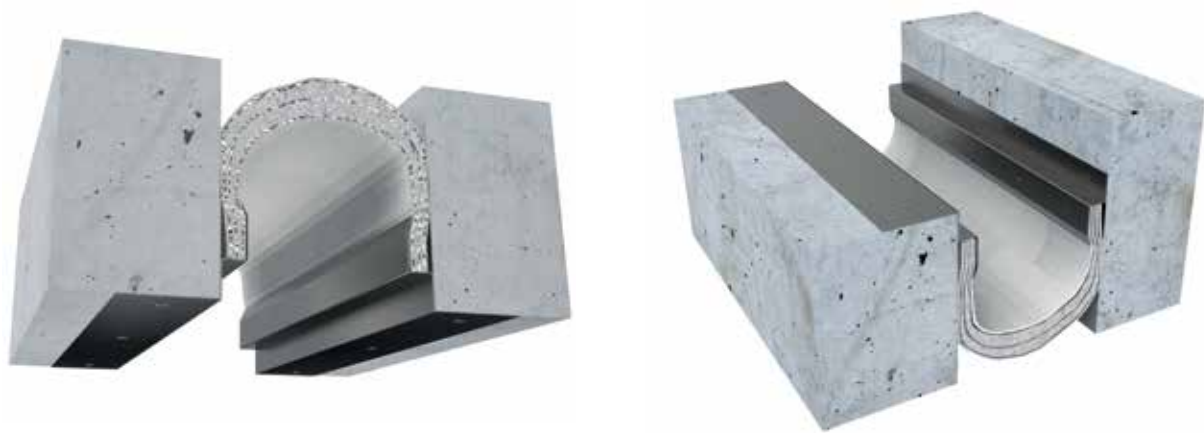


ARFEN FIRE BARRIER SYSTEMS



**FIRE BARRIER APPLICATION UNDER
EXPANSION JOINT PROFILE**

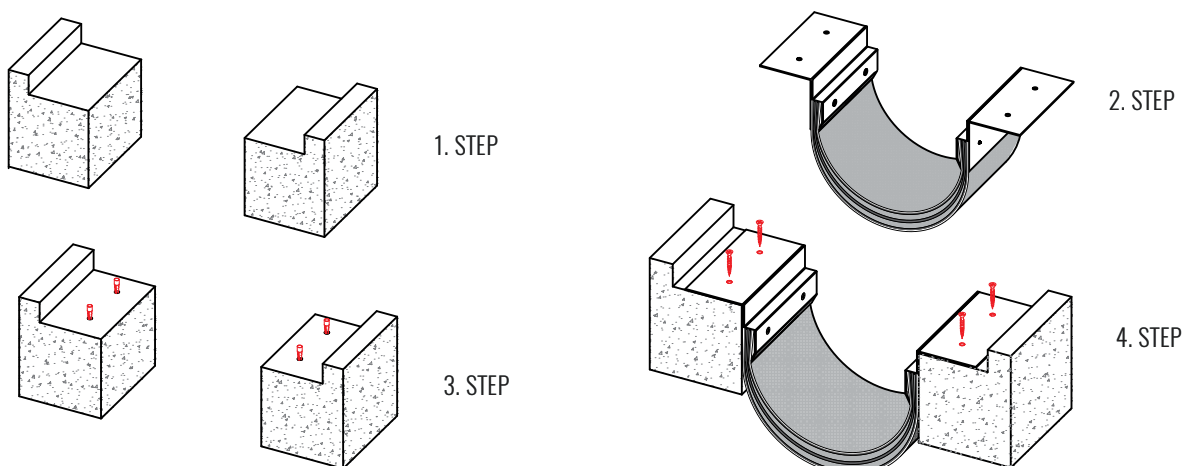
ARFEN fire barriers can be applied easier and faster than traditional solutions. ARFEN fire barriers have designed and tested to resist fire longest when mounted properly.



Can be used in vertical and horizontal gaps from 100 mm to 400 mm. Suitable for floor and wall applications. Additional liquid spray can be used to prevent fire smoke. (Please contact us for further information about liquid spray)

Application areas: Carparks, hospitals, shopping centres, schools, library and etc.

» FIRE BARRIER APPLICATION



- Preassembled to the steel profiles.

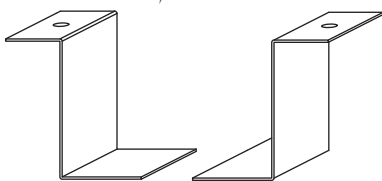
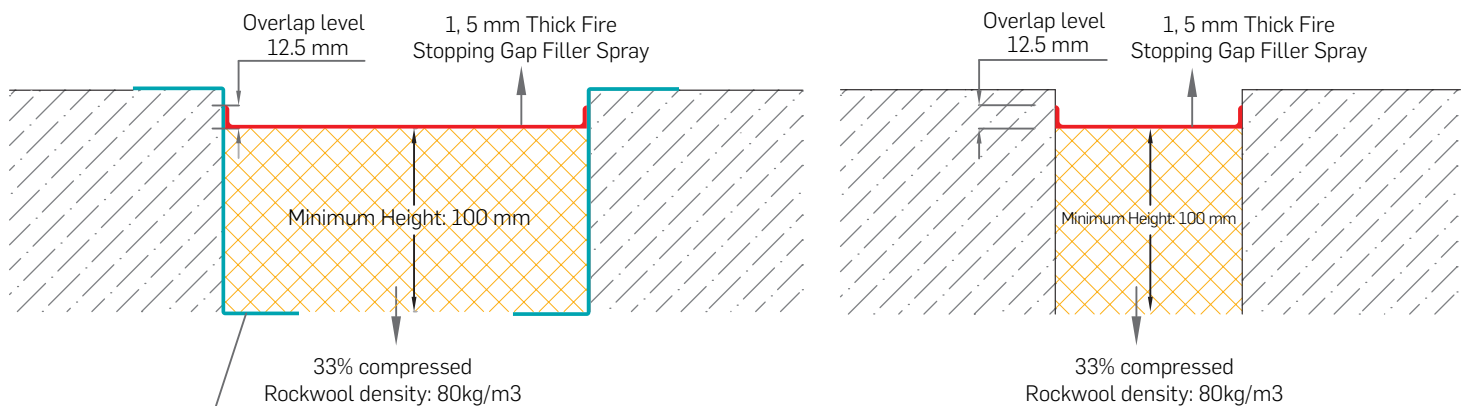
PRODUCT CODE	DESCRIPTION	BARRIER WIDTH (mm)	LENGTH (meter)
FS 50	Applied to 50 mm Expansion Joint gaps	135	7,00
FS 100	Applied to 100 mm Expansion Joint gaps	216	7,00
FS 150	Applied to 150 mm Expansion Joint gaps	285	7,00
FS 200	Applied to 200 mm Expansion Joint gaps	360	7,00
FS 250	Applied to 250 mm Expansion Joint gap	435	7,00
FS 300	Applied to 300 mm Expansion Joint gaps	510	7,00
FS 350	Applied to 350 mm Expansion Joint gaps	585	7,00
FS 400	Applied to 400 mm Expansion Joint gaps	650	7,00



ARFEN 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 2mm, 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.



Galvanized bracket used in wide Expansion Joint gaps.

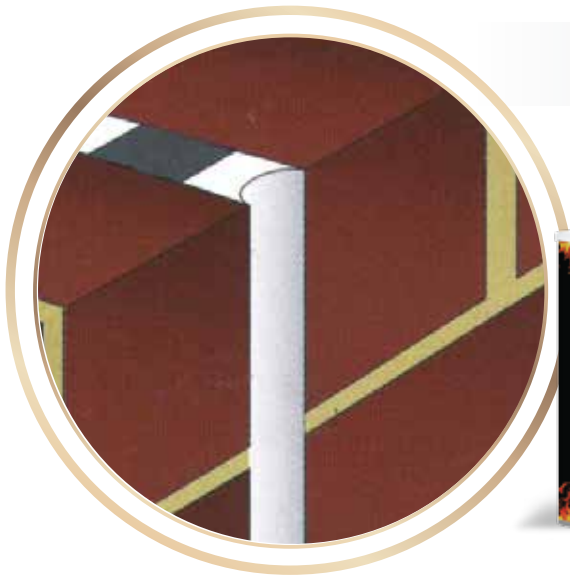
OPTIONAL

USAGE TABLE

(Calculating on the assumption of 3 mm thickness to actually achieve 1.5 mm)

Gap Width (mm)	Total width with additional 12,5 mm Overlap level (mm)	Gap distance covered by using 1 bucket of Arfen Multicoated product (meter)
25	50	110
50	75	75
75	100	55
100	125	45
150	175	35
200	225	30





ARFEN INTUMESCENT GAP SEALANT

Acrylic, flexible, easily applicable ARFEN sealant (Expanded with heat) is used in maximum 35 mm Expansion Joint gaps.

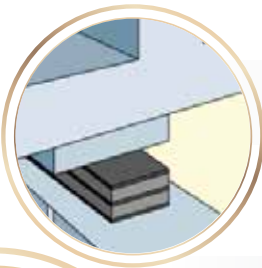
Doesn't harden in outdoor temperature.

Expands 4 times larger than original size when subjected to heat,

Prevents fire permeability,

Prevents smoke and harmful gases for 4 hours.

- ✓ Flexible, Water based, Swelling, acrylic sealant
- ✓ Suitable to standards of BS476 Part20/22, BS/EN 1363-1 & BS/EN 1366-1
- ✓ Resistant to fire for 4 hours.
- ✓ Long-term flexible
- ✓ Excellent sticking.
- ✓ Maximum gap width is 35 mm



ARFEN ELASTOMERIC GAP SPONGE

Gap filling elastomeric sponges expand with heat and utilized to make Expansion Joint gaps fire resistant.

- ✓ Fire resistant up to 2 hours.
- ✓ Doesn't swell by water.
- ✓ Resistant to tearing by the strong swelling characteristics
- ✓ Suitable to different sizes of Expansion joint gaps.
- ✓ Suitable for porous concrete, concrete, metal beams and wall applications.
- ✓ Suitable to BS476 Part20:1987

ARFEN ROCK WOOL FIRE ROPE

ARFEN Fire rope is a foam insulation material and can be applied easily by using glass yarn on rock wool. It is placed in Expansion Joint gaps by compressing at least 33%. It should be used with ARFEN fire stop joint spray to prevent smoke.

- ✓ High performance with superior fire protection.
- ✓ Thermal insulation feature.
- ✓ It can be applied easily with its non-flammable property.
- ✓ Sound insulation feature is available.
- ✓ It has low thermal conductivity coefficient.
- ✓ Biological consistency.
- ✓ It has a volumetric consistency.
- ✓ It is chemically neutralized product.
- ✓ Excellent performance due to its water repellent properties.
- ✓ It is a product with high flexibility.

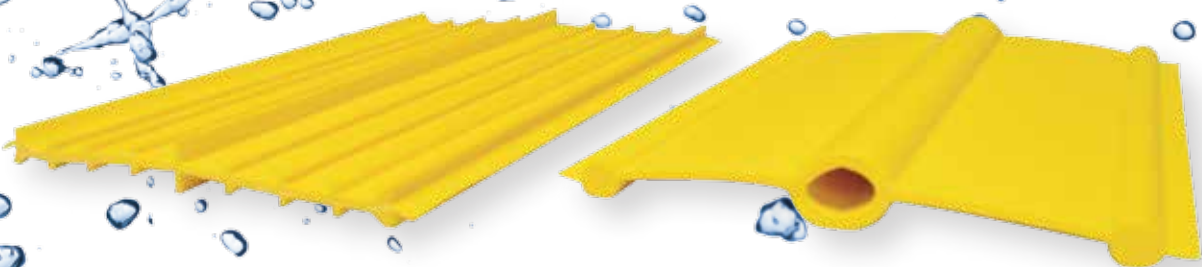
Working Temperature	<750°C / 1382 °F
Melting Point	>1000°C / 1832 °F
Fire Resistant Class	A1
Thermal Conductivity	0,035 W/Mk - 0,04 W /Mk
Heat Capacity	840J/kgK
Density	240 kgs/m3





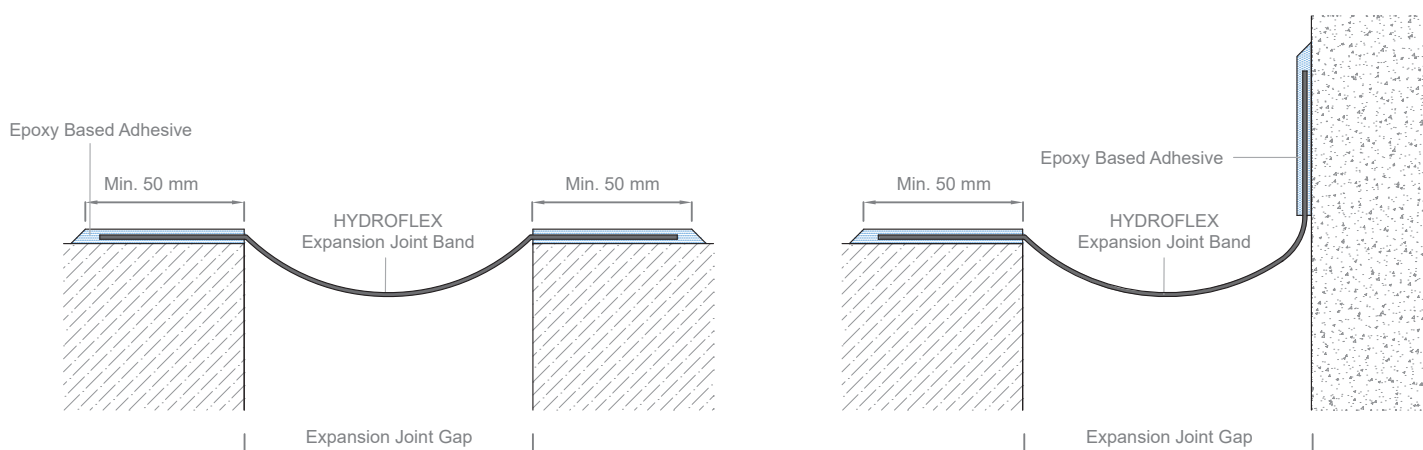
HYDRO
FLEX

WATER ISOLATION PRODUCTS





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

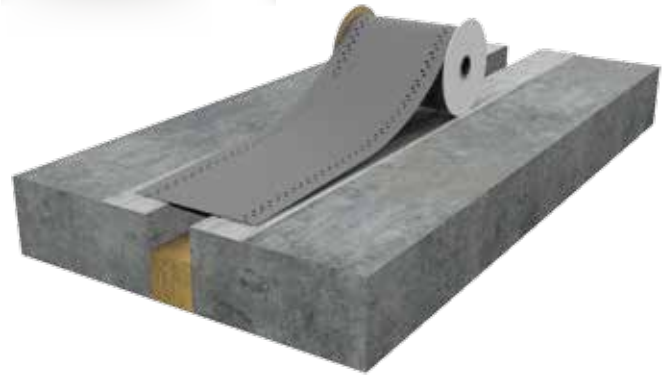
HYDROFLEX TECHNICAL SPECIFICATIONS	
Chemical composition	TPE (Thermoplastic Elastomer)
Colour	Grey
Hardness level	80
Serving temperature value	-40°C / +90 C
Thermal Temperature value	270°C
Elongation at break	%600
Tear strength	> 600N/cm
Water Pressure resistant value	> 8 Bar
Tensile strength	> 6 Mpa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

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 DILATION 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	Recoatible 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 BASED WATER SWELLING BAND

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.

ACRYLIC BASED WATER SWELLING BAND

Acrylic based water stop band gets swollen when in contact with water. Application areas are: swimming pools, water tanks, sewage plants, and construction joints. Also applicable in cold joints where curtains are connected with foundations, and steel profile and pipe's contact areas with concrete. It can be used to provide seals in areas exposed to sea water as well.

- ✓ Easy to apply.
- ✓ Can be used in various surfaces
- ✓ Easy application even with huge amount of rebar.
- ✓ Safely swelling feature does not allow it to get swollen in pouring concrete cases.
- ✓ Fills possible gaps and cracks by swelling and acts as a water barrier in the reinforced concrete structure.
- ✓ Resistant to highly salted water content and various chemicals.