



VEDA FRANCE

Joints bâtiment - Building joints

Control joints for adhesive affixed tiles



Serie 1600

Presentation

Serie 1600 movement control joints

are designed to prevent the

malfunctions (cracks, de-bonding)

that systematically occur

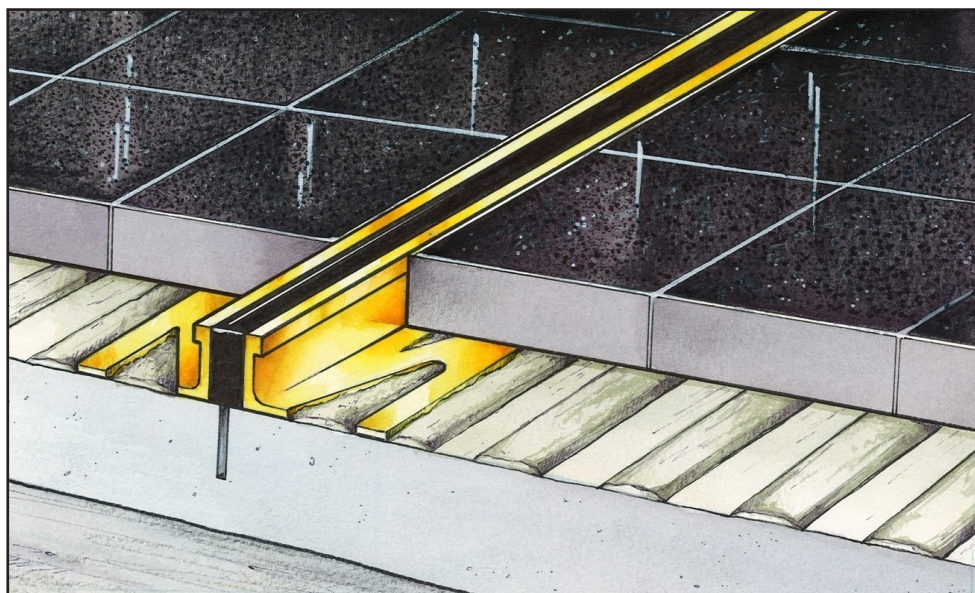
when flooring systems are

installed in large areas

without joints. Those malfunctions

have several origins:

- Concrete thermal expansion and contraction according to temperature variations
- Concrete shrinkage during curing
- Structural settlement, sometimes differential settlement
- Movements generated by the environment : high winds, vibrations created by nearby construction works, pedestrian traffic, trolleys, vehicles, etc...



Field of application

Serie 1600 movement control joints are installed in control bays to partition the adhesive affixed tiles not exceeding 30 mm thickness.

They are designed to absorb highly stressed industrial or commercial floors, warehouses, car parks, shopping centers as well as any floors that are to be cleaned using machines.

Generally, movement control joints are set in bays between 25 and 60 m² with a maximum bays dimension between 5 to 10 meters.

Technical characteristics

Serie 1600 movement control joints of 3 mm to 20 mm height are made of a flexible ethylene-propylene (EPDM) rubber insert, available in black, beige or grey (other colours on request) bonded by vulcanisation to two parallel horizontally perforated metal corners. The vulcanisation ensures an extremely strong and stable bonding between metal and the flexible and resilient EPDM gasket. Serie 1600 movement control joints higher than 20 mm are made of a silicone sealant (instead of EPDM) bonded to two parallel horizontally perforated metals corners.

The metal corners are available in aluminium, brass or stainless steel. They ensure a very efficient protection of the flooring edges while the resilient internal part absorbs the movements and therefore prevents cracks development in the flooring.

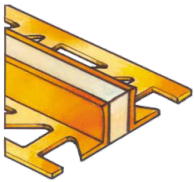
The large holes at the base of the profile allow an excellent bonding of the tiles to the adhesive. To match any project requirements, Serie 1600 movement control joints are available in heights from 3 mm to 30 mm and a visible width of 10 mm.

Advantages

The specially developed Serie 1600 control joints absorb heavy stresses and spread them evenly throughout the flooring and the foundations. It also prevents transmission of footfall and sounds from other objects.

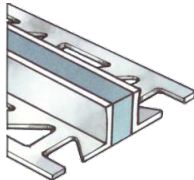
Serie 1600 profile selection

Serie 1600 movement control joints are used for any type of building: Shopping malls, airports, railway stations, offices, hospitals, industrial buildings, hotels, warehouse, etc. The flexible EPDM gasket is resistant to acids, alkali liquids, UV rays and weathering, therefore allowing an outdoor installation. The silicon sealant used for profiles higher than 20mm has excellent properties recognized and approved by professionals.



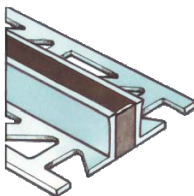
Brass

Serie 1600/B brass profiles can be used as part of the decoration design or for their high load-bearing performance. In addition, they are extremely resistant to chemicals that are created during tiles installation. It is to be noted that brass oxidize when in contact with air especially in a humid environment. With time, the visible part will be covered with "sheen", an oxidised layer, which modifies its aspect.



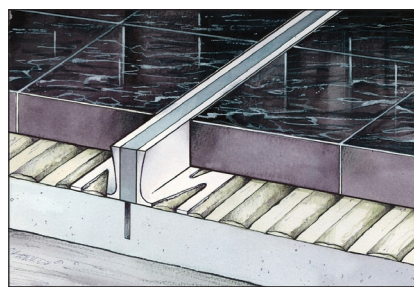
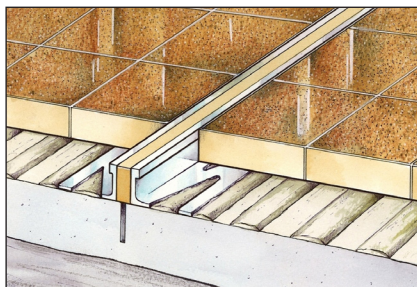
Aluminium

Serie 1600/A aluminium profiles can be used as part of the decoration design and in all cases where a particular chemical reaction is not expected. To prevent corrosion occurrence to take place, cement-based materials shall be used with care. As aluminium reacts when in contact with alkaline products, it is important to carefully remove all traces of mortar, cement based adhesive and grout from all the visible surfaces.



Stainless steel

Serie 1600/S stainless steel profiles can be used as part of the decoration design but also in demanding environments concerning the mechanical constraints (heavy loads) or chemical constraints (acids). Stainless steel profiles can be used in the food industry, hospitals, swimming-pools, etc...



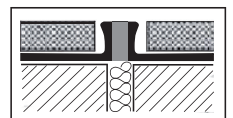
In any case, it is necessary to make sure that the Serie 1600 movement control joints are adapted to the expected mechanical and chemical requirements.

Maintenance

All Serie 1600 movement control joints do not require specific maintenance. They can be cleaned using standard maintenance products provided that they do not contain hydrochloric or hydrofluoric acids and are not abrasive.

Installation

1. Serie 1600 control joint profile should be chosen to match the thickness of the tiles.
2. Tile adhesive should be applied around the junction using a serrated trowel
3. Press the profile into the adhesive bed and align it.
4. Spread mortar over the entire surface of the joint.
5. Press in tiles firmly and align them so that they are flush with the top edge of the profile. Lay the tiles without leaving any gaps.
6. Allow a joint of 2 mm around the profile itself.
7. Then fill the space between the tiles and the profile with grout.





VEDA FRANCE

Joints bâtiment - Building joints

Control joints for bed affixed tiles



Serie 1700

Presentation

Serie 1700 movement control joints

are designed to prevent the

malfunctions (cracks, de-bonding)

that systematically occur

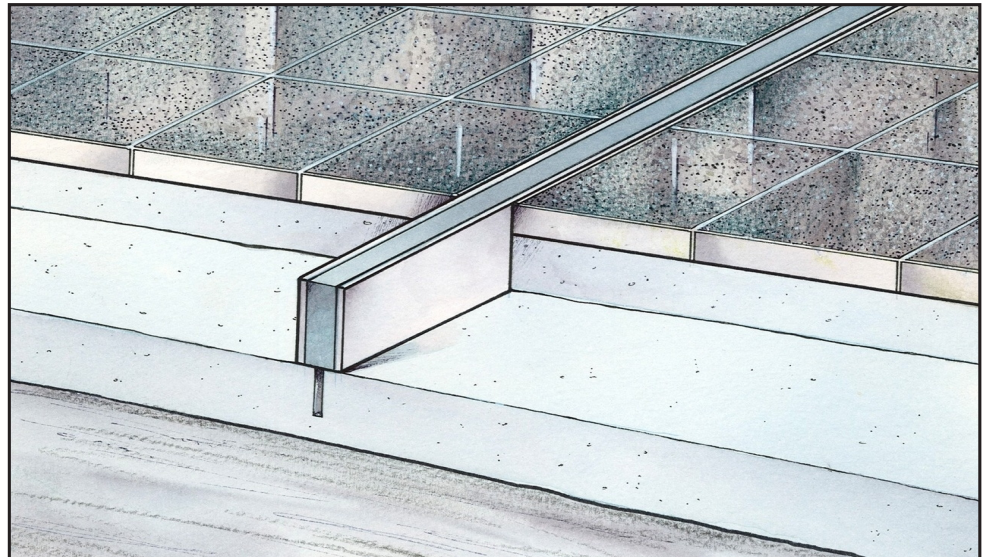
when flooring systems are

installed in large areas

without joints. Those malfunctions

have several origins:

- Concrete thermal expansion and contraction according to temperature variations
- Concrete shrinkage during curing
- Structural settlement, sometimes differential settlement
- Movements generated by the environment : high winds, vibrations created by nearby construction works, pedestrian traffic, trolleys, vehicles, etc...



Field of application

Serie 1700 movement control joints are installed in control bays to partition the flooring systems bed in mortar screeds such as ceramic tiling, marble, natural stones, etc...

They are designed to absorb highly stressed industrial or commercial floors, warehouses, car parks, shopping centers as well as any floors that are to be cleaned using machines.

Generally, movement control joints are set in bays between 25 and 60 m² with a maximum bays dimension between 5 to 10 meters.

The joint shall be inserted in at least 2/3 of the mortar bed thickness, preferably through all the thickness of the mortar plus tiling built-up.

Technical characteristics

Serie 1700 movement control joints incorporate a flexible ethylene-propylene (EDPM) rubber insert, available in black, beige or grey (other colours on request) bonded by vulcanisation to two parallel metal plates. Vulcanisation ensures an extremely strong and stable bonding between metal and the flexible and resilient EDPM gasket.

The metal plates are available in aluminium, brass, or stainless steel. They ensure a very efficient protection of the flooring edges while the resilient internal part absorbs the movements and therefore prevents cracks development in the flooring.

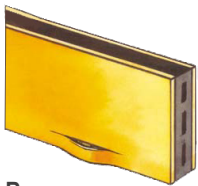
Notches at the base of the metal plates allow for the setting of wire ties for better linkage to the screed.

Serie 1700 movement control joints can also be supplied without notches allowing installation after finalisation of the flooring.

To match any project requirements, Serie 1700 movement control joints are available in different heights with metal plates and rubber gaskets in different thicknesses.

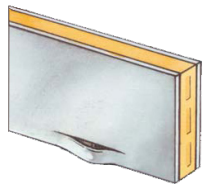
Serie 1700 profile selection:

Serie 1700 movement control joints are used for any type of building: Shopping malls, airports, railway stations, offices, hospitals, industrial buildings, hotels, warehouse, etc. The flexible EPDM gasket is resistant to acids, alkali liquids, UV rays and weathering, therefore allowing an outdoor installation.



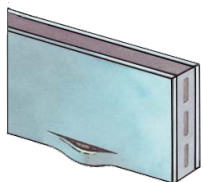
Brass

Serie 1700/B brass profiles can be used as part of the decoration design or for their high load-bearing performance. In addition, they are extremely resistant to chemicals that are created during tiles installation. It is to be noted that brass oxidize when in contact with air especially in a humid environment. With time, the visible part will be covered with "sheen", an oxidised layer, which modifies its aspect.



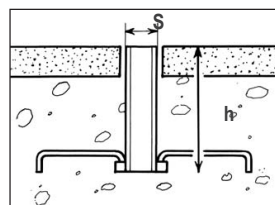
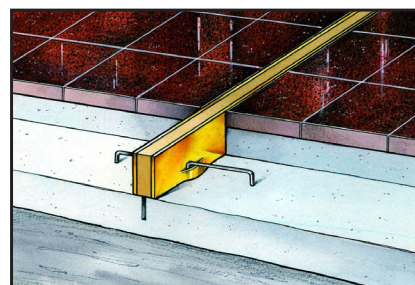
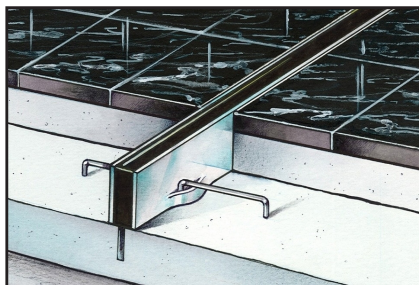
Aluminium

Serie 1700/A aluminium profiles can be used as part of the decoration design and in all cases where a particular chemical reaction is not expected. To prevent corrosion occurrence to take place, cement-based materials shall be used with care. As aluminium reacts when in contact with alkaline products, it is important to carefully remove all traces of mortar, cement based adhesive and grout from all the visible surfaces



Stainless steel

Serie 1700/S stainless steel profiles can be used as part of the decoration design but also in demanding environments concerning the mechanical constraints (heavy loads) or chemical constraints (acids). Stainless steel profiles can be used in the food industry, hospitals, swimming-pools, etc.



anchor piece

$h = 20 \cdot 30 \cdot 40 \cdot 50 \text{ mm}$
 $S = 9 \text{ mm}$

In any case, it is necessary to make sure that the Serie 1700 movement control joints are adapted to the expected mechanical and chemical requirements.

Maintenance

All Serie 1700 movement control joints do not require specific maintenance. They can be cleaned using standard maintenance products provided that they do not contain hydrochloric or hydrofluoric acids and are not abrasive.



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Control joints for bed affixed tiles



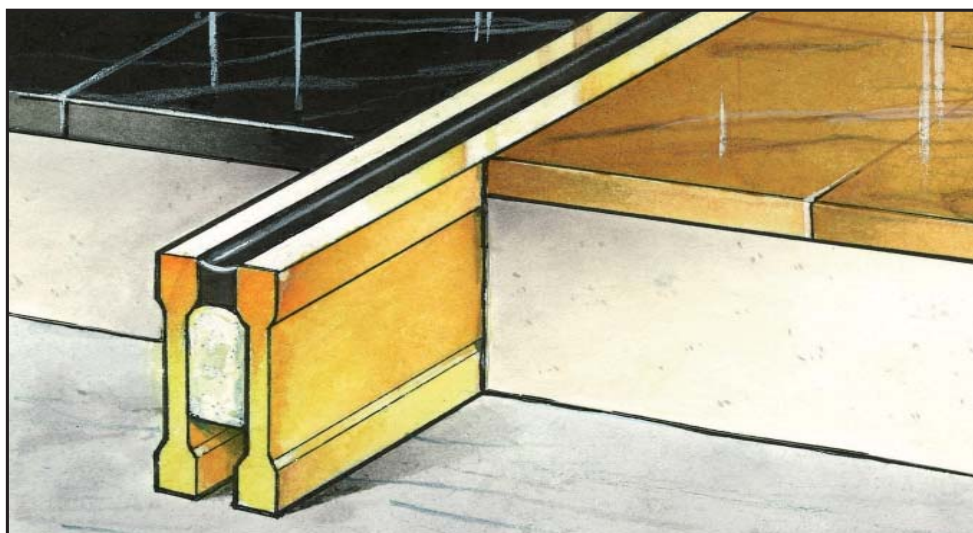
Serie Luxe 2700 brass

Presentation

Serie Luxe 2700 brass movement control joints are designed to prevent the malfunctions (cracks, de-bonding) that systematically occur when flooring systems are installed in large areas without joints.

Those malfunctions have several origins:

- Concrete thermal expansion and contraction according to temperature variations
- Concrete shrinkage during curing
- Structural settlement, sometimes differential settlement
- Movements generated by the environment: high winds, vibrations created by nearby construction works, pedestrian traffic, trolleys, vehicles, etc..



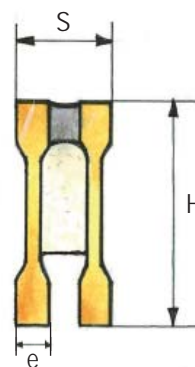
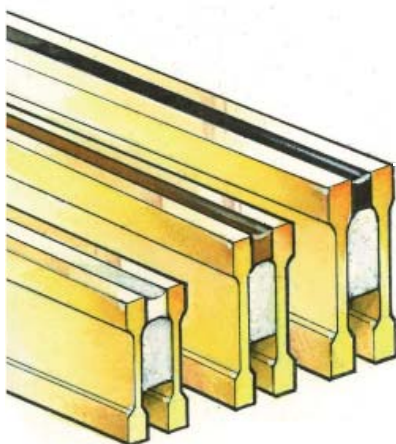
Field of application

Serie Luxe 2700 brass movement control joints are designed to absorb highly stressed industrial or commercial floors, warehouses, car parks, shopping centers, etc... They are used to partition ceramic tiles, marble, granite, natural stone, etc...

They are made of two brass side plates bonded to a compressible adhesive foam and an elastomeric sealant. The Serie Luxe 2700 brass guarantees a very high quality decorative and luxurious finish.

Finishes

The brass side plates surfaces can be supplied either mill finish, satin finish or high gloss polished. The elastomeric sealant is available in any standard or non standard colour.



Dimensions

height H : 20 - 30 - 40 mm

width S : 10 - 15 mm

thickness e : 3 mm - 5 mm

Other dimensions can be produced upon request.

Please ask for minimum quantity.



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Joints bâtiment - Building joints

Control joints for bed affixed tiles



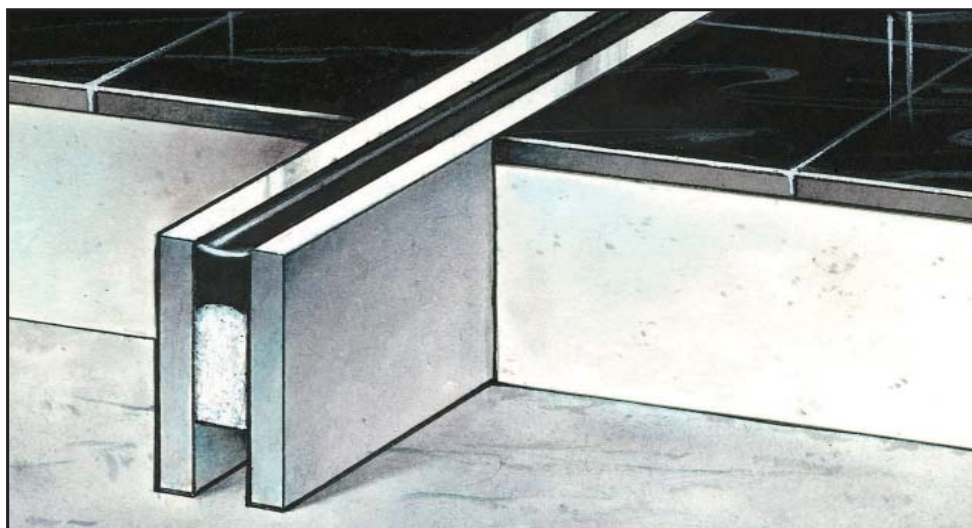
Serie Luxe 2700 stainless steel

Presentation

Serie Luxe 2700 stainless steel movement control joints are designed to prevent the malfunctions (cracks, de-bonding) that systematically occur when flooring systems are installed in large areas without joints.

Those malfunctions have several origins:

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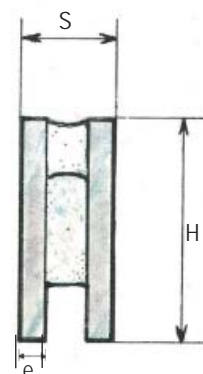
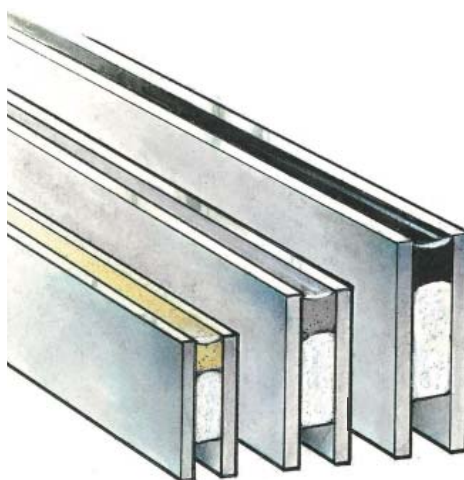
Field of application

Serie Luxe 2700 stainless steel movement control joints are designed to absorb highly stressed industrial or commercial floors, warehouses, car parks, shopping centers, etc... They are used to partition ceramic tiles, marble, granite, natural stone, etc...

They are made of two brass side plates bonded to a compressible adhesive foam and an elastomeric sealant. The Serie Luxe 2700 stainless steel guarantees a very high quality decorative and luxurious finish.

Finishes

The stainless steel side plates surfaces can be either mill finish, satin finish or high gloss polished. The elastomeric sealant is available in any standard or non standard colour.



Dimensions

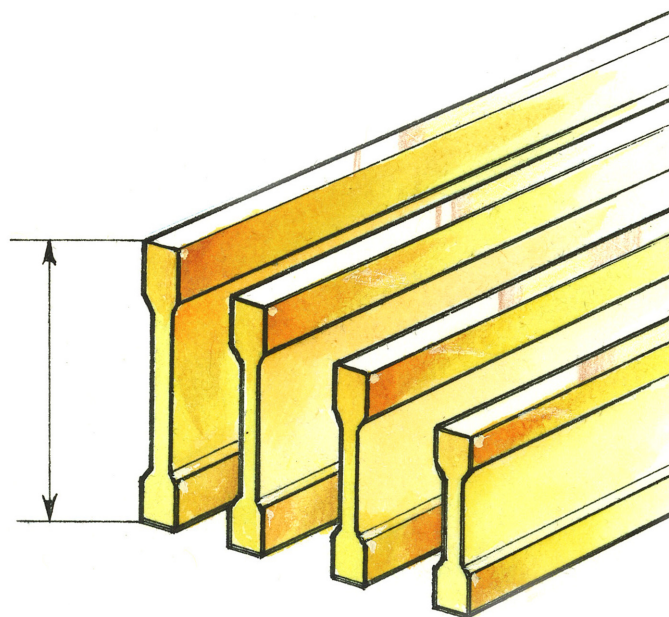
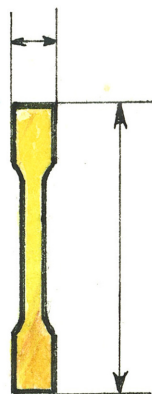
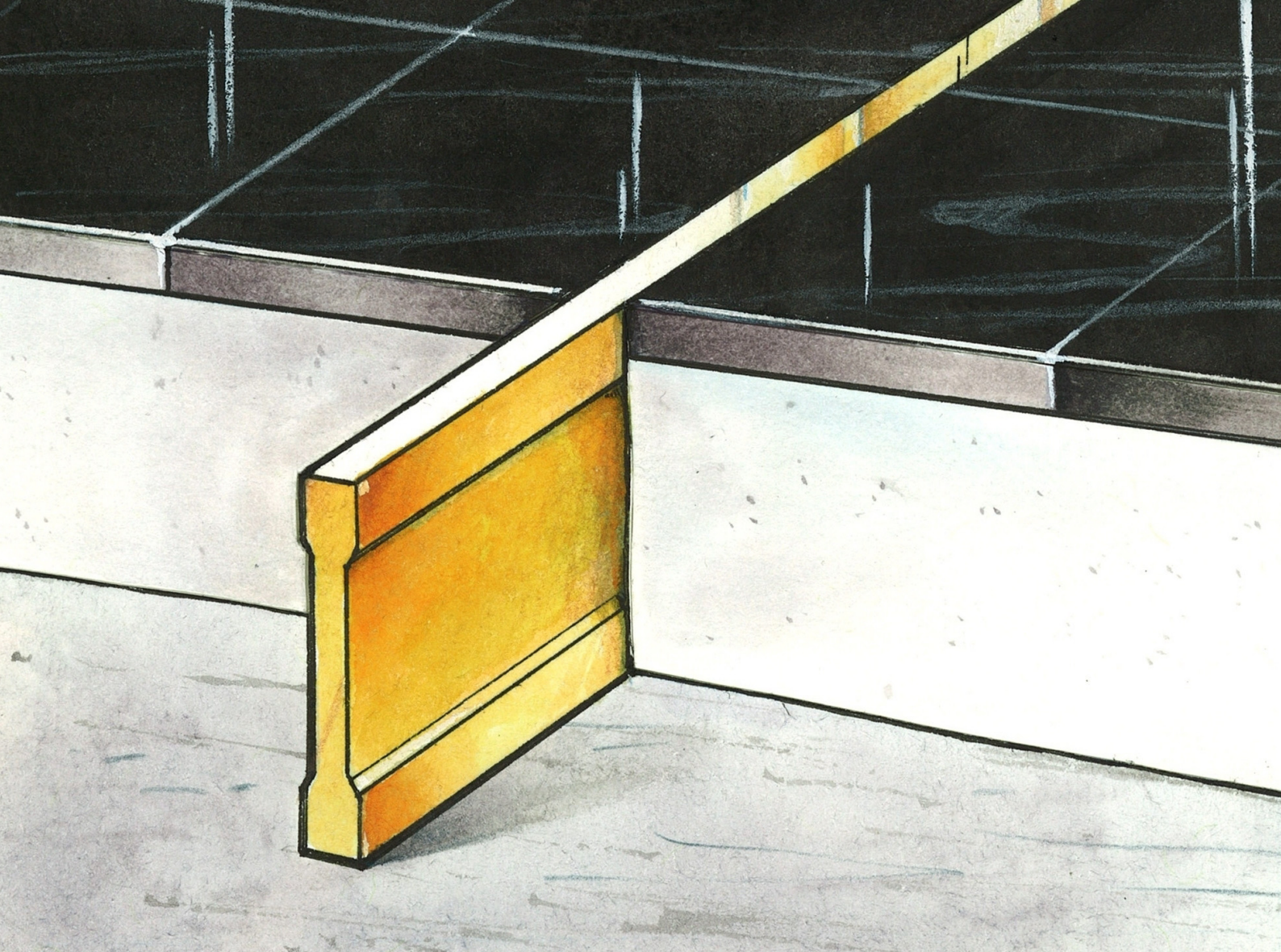
height H : 20 - 30 - 40 mm

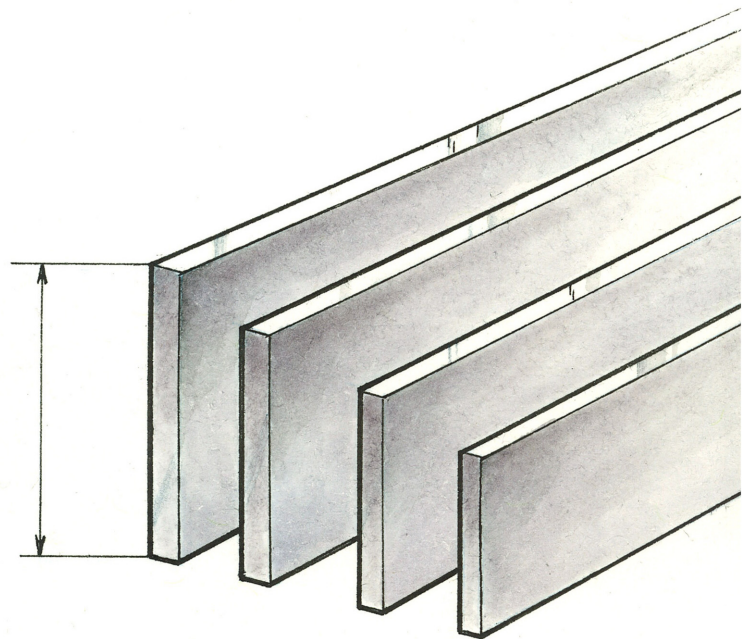
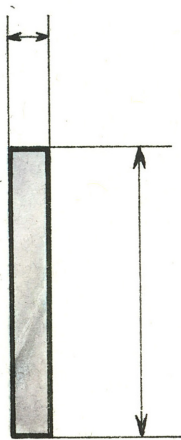
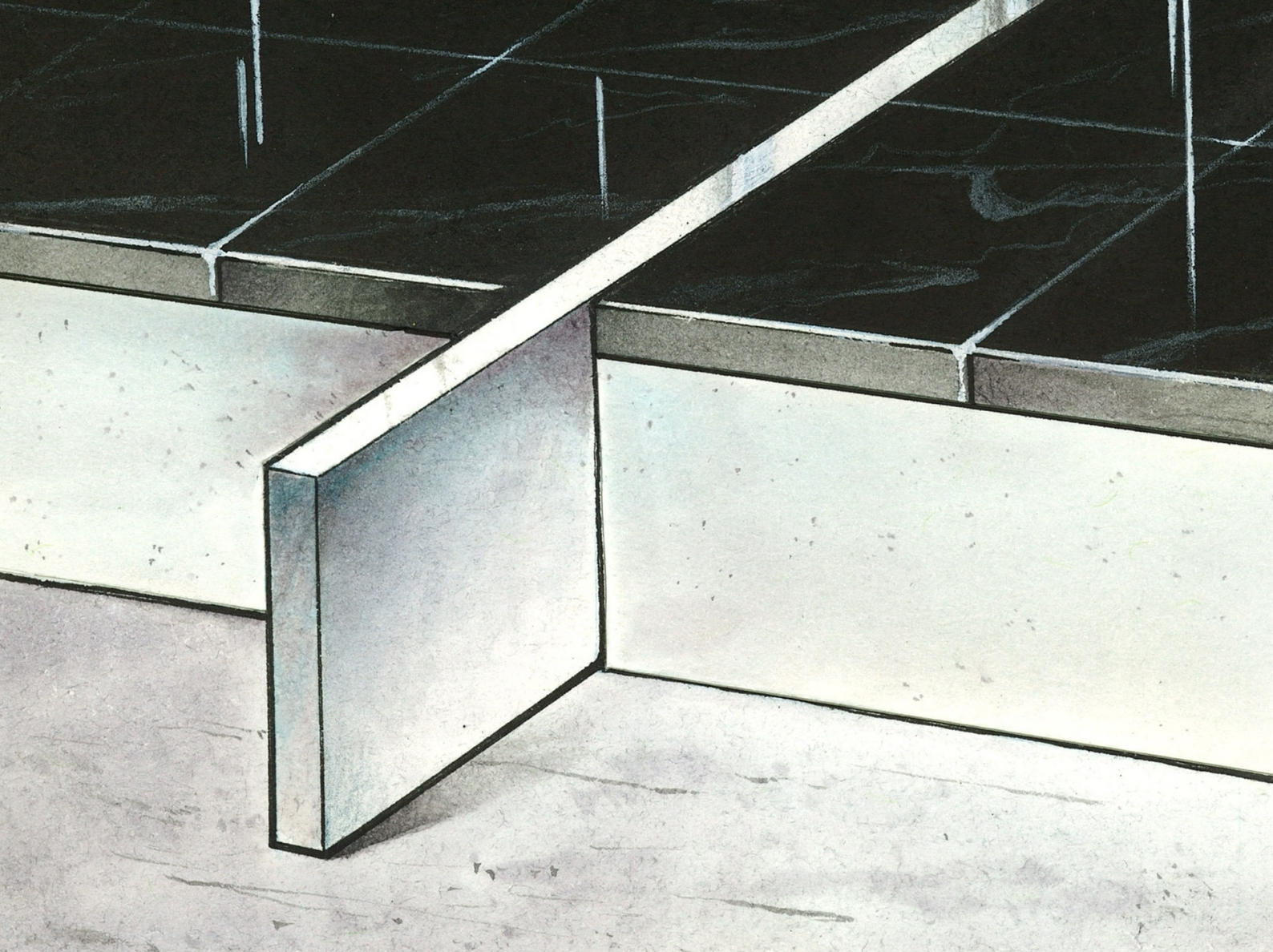
width S : 10 - 15 mm

thickness e : 3 - 5 mm

Other dimensions can be produced upon request.

Please ask for minimum quantity.







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Joints bâtiment - Building joints

Control joints for adhesive affixed tiles

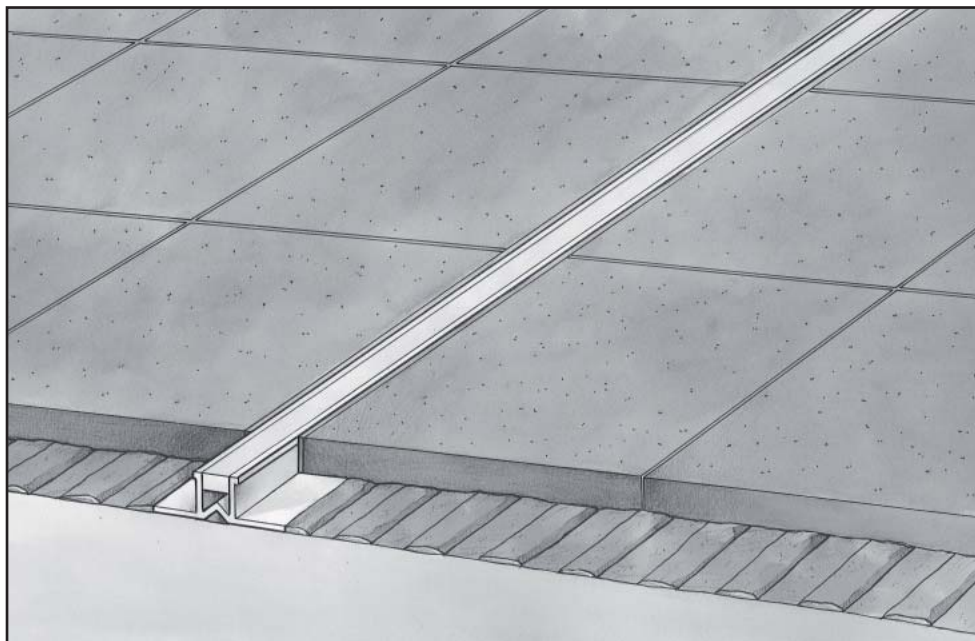


Serie Eco 600

Presentation

Serie Eco 600 control joints are designed to prevent the malfunctions (cracks, de-bonding) that systematically occur when flooring systems are installed in large areas without joints. Those malfunctions have several origins:

- Concrete thermal expansion and contraction according to temperature variations
- Concrete shrinkage during curing
- Structural settlement, sometimes differential settlement
- Movements generated by the environment: high winds, vibrations created by nearby construction works, pedestrian traffic, trolleys, vehicles, etc...



Field of application

Serie Eco 600 control joints are installed in control bays to partition the adhesive affixed tiles not exceeding 15 mm thickness.

Generally, control joints are set in bays between 25 and 60 m² with a maximum bays dimension between 5 to 10 meters.

Technical characteristics

Serie Eco 600 control joints are manufactured from coextruded PVC, with rigid PVC external sides and a flexible PVC internal core which compresses during movement. This combination of rigid and flexible PVC ensures an efficient protection of the flooring edges while the resilient internal core absorbs the movements and therefore prevents cracks development in flooring.

Serie Eco 600 control joints are mainly used as an economical alternative to Serie 1600 or when the aesthetical factor is not determining or when solid metal plates of Serie 1600 are not essential to the project.

To match any project requirements, Serie Eco 600 control joints are available in different heights. Standard colours are grey, white, and black. Serie Eco 600 control joints can also be produced in special height and colours according to customer's requirements. They are produced using only fresh and environmentally friendly PVC and conforms to REACH regulation in use in January 2009.

Advantages

The specially developed Serie Eco 600 control joints absorbs heavy stresses and spreads them evenly throughout the flooring. It also prevents transmission of footfall and sounds from other objects.

Installation

1. Serie Eco 600 control joint profile should be chosen to match the thickness of the tiles.
2. Tile adhesive should be applied around the junction using a serrated trowel
3. Press the profile into the adhesive bed and align it.
4. Spread mortar over the entire surface of the joint.
5. Press in tiles firmly and align them so that they are flush with the top edge of the profile.

Lay the tiles without leaving any gaps.

6. Allow a joint of 2 mm around the profile itself.
7. Then fill the space between the tiles and the profile with grout.

Serie Eco 600 profile selection

In any case, it is necessary to make sure that the Serie Eco 600 movement control joints are adapted to the expected mechanical and chemical requirements.



Serie ECO 600 black

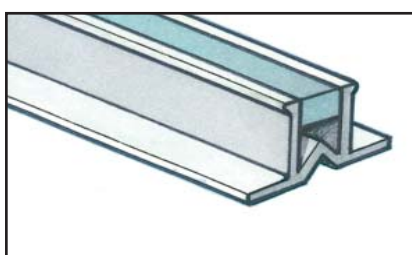


Serie ECO 600 beige

Maintenance

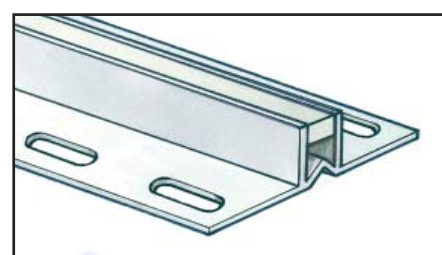
All Serie Eco 600 control joints do not require specific maintenance.

They can be cleaned using standard maintenance products provided that they do not contain hydrochloric or hydrofluoric acids and are not abrasive.



Narrow base

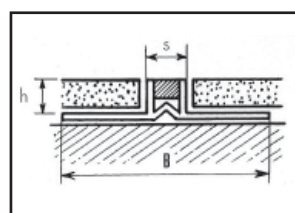
$B = 20 \text{ mm} - s = 8 \text{ mm}$
 $h = 8 - 10 - 12,5 \text{ or } 15 \text{ mm}$



Wide base

$B = 55 \text{ mm} - s = 8 \text{ mm}$
 $h = 8 - 10 - 12,5 \text{ or } 15 \text{ mm}$

Other dimensions, consult us.





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Joints bâtiment - Building joints

Control joints for bed affixed tiles

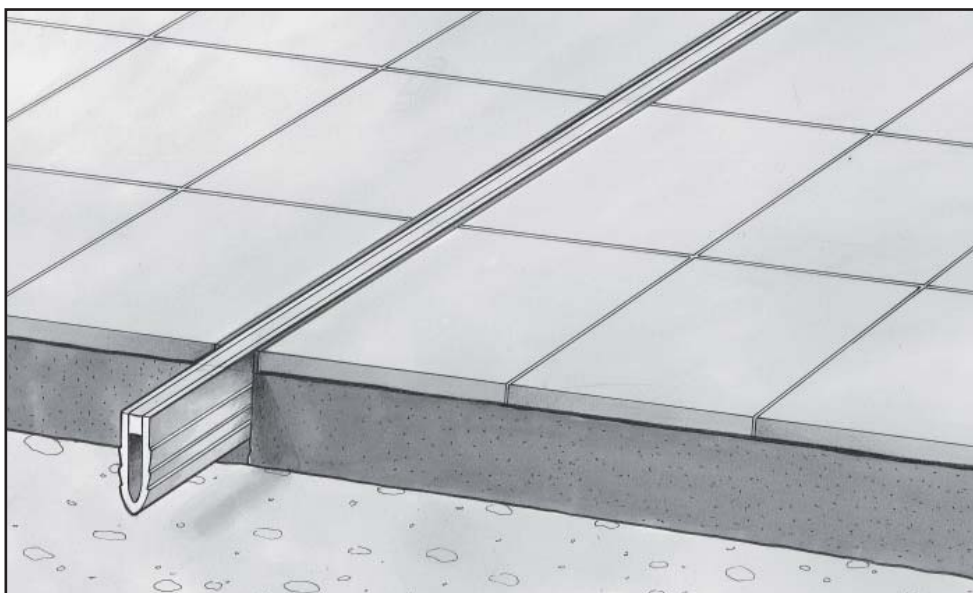


Serie Eco 700

Presentation

Serie Eco 700 control joints are designed to prevent the malfunctions (cracks, de-bonding) that systematically occur when flooring systems are installed in large areas without joints. Those malfunctions have several origins:

- Concrete thermal expansion and contraction according to temperature variations
- Concrete shrinkage during curing
- Structural settlement, sometimes differential settlement
- Movements generated by the environment: high winds, vibrations created by nearby construction works, pedestrian traffic, trolleys, vehicles, etc...



Field of application

Serie Eco 700 control joints are installed in control bays to partition the flooring systems bed in mortar screed such as ceramic tiling, natural stones, etc...

They are designed for commercial and industrial applications.

Generally, control joints are set in bays between 25 and 60 m² with a maximum bays dimension between 5 to 10 meters.

The joint shall be inserted in at least 2/3 of the mortar bed thickness, preferably through all the thickness of the screed plus tiling built-up.

Technical characteristics

Serie Eco 700 control joints are manufactured from coextruded PVC, with rigid PVC external sides and a flexible PVC internal core which compresses during movement. This combination of rigid and flexible PVC ensures an efficient protection of the flooring edges while the resilient internal core absorbs the movements and therefore prevents cracks development in the flooring.

Serie Eco 700 control joints are mainly used as an economical alternative to Serie 1700 or when the aesthetical factor is not determining or when solid metal side plates of Serie 1700 are not essential to the project.

To match any project requirements, Serie Eco 700 control joints are available in different heights and standard colours which are grey, white and black. They also can be produced in special heights and colours according to customer's requirements.

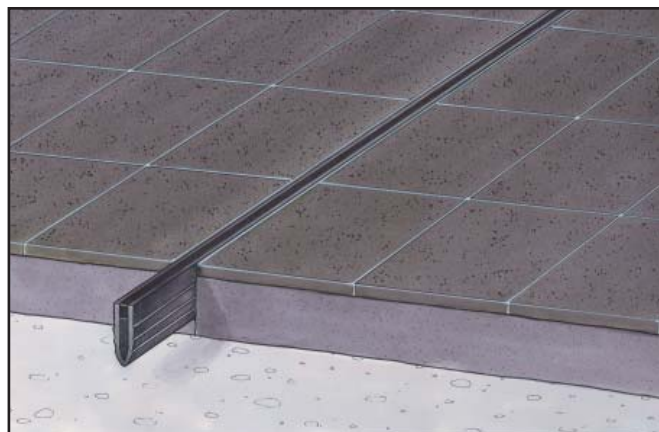
They are produced using only fresh and environmentally friendly PVC and conforms to REACH regulation in use since January 2009.

Installation

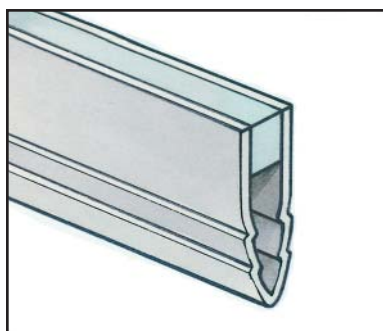
- 1 - Select the appropriate Serie Eco 700 adhesive affixed profile according to the height of the tiles.
- 2 - Profiles should be placed flush with the surface and laid thus. Contact mortar should be used to ensure that the profiles are thoroughly embedded at the sides.
- 3 - The adjoining surface should be moved flush against the profile and fully embedded in the mortar.
- 4 - Any space between the profile and the tiles should be filled completely with grout.



Serie ECO 700 beige

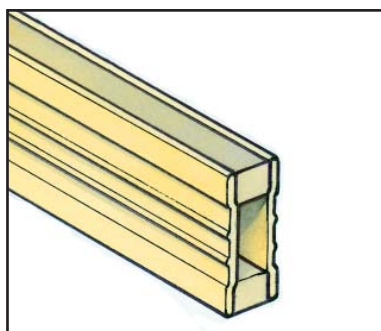


Serie ECO 700 black



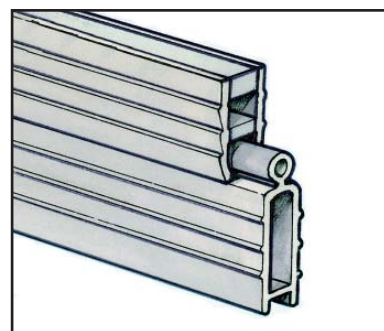
s = 8 mm

h = 25 - 30 - 35 - 40 or 50 mm



s = 10 mm

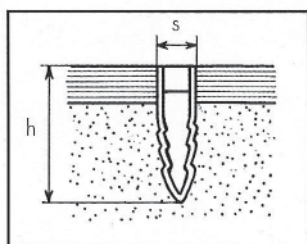
h = 30 - 40 - 50 or 60 mm



s = 8 mm

h = 25 - 40 - 55 or 70 mm

Other dimensions, consult us.



Serie Eco 700 profile selection

In any case, it is necessary to make sure that the Serie Eco 700 control joints are adapted to the expected mechanical and chemical requirements.

Maintenance

All Serie Eco 700 control joints do not require specific maintenance. They can be cleaned using standard maintenance products provided that they do not contain hydrochloric or hydrofluoric acids and are not abrasive.



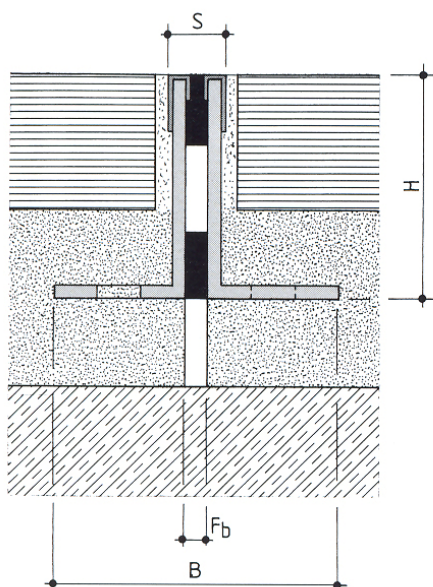
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Joints bâtiment - Building joints

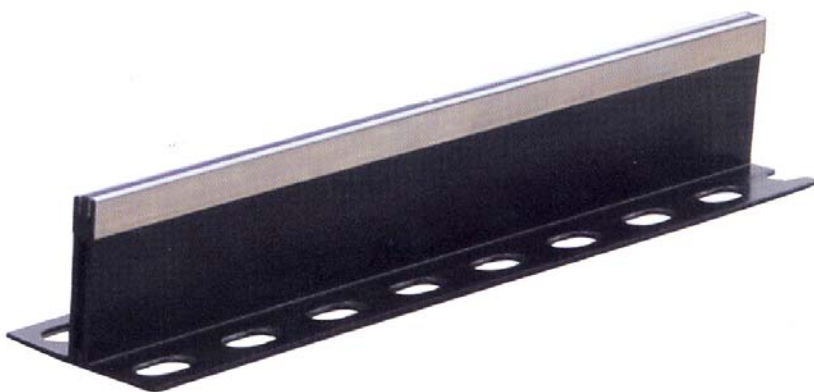
Joint de fractionnement Field limitation joint





Serie MTR / D 1495



1495 S



Référence / <i>Profile number</i>	MTR / D 1495 P	MTR / D 1495 S
Fb [mm] ouverture / <i>Gap up to</i>	5	5
H [mm] hauteur / <i>Depth</i>	30 / 45	40 / 50
B [mm] / approx.	65	65
S [mm] / approx.	9	10
Mouvement admissible [mm] <i>Accommodation of movement [mm]</i>	2 (± 1)	
Couleur de l'insert / <i>Insert color</i>	noir, gris et couleurs RAL / black, grey and RAL colors	
Matière / <i>Material</i>	PVC	PVC, acier inoxydable / PVC, stainless steel
Longueur standard [m] / <i>Standard length [m]</i>	4	
Charge [kN] <i>Load-bearing capacity [kN]</i>		 



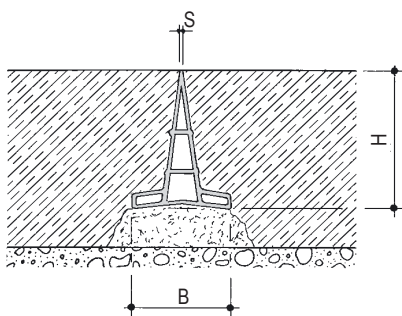
VEDA FRANCE



Joints bâtiment - Building joints

Règle joint PVC PVC Joint rule



Serie 690/P



Référence / Profile number	691/P	692/P	693/P	694/P
H [mm] hauteur / Depth	40	50	80	125
B [mm] approx.	30	35	60	70
S [mm] approx.	1,5			
Matière / Material	PVC / PVC			
Couleurs / Colours	gris, beige / grey, beige			
Longueur standard [m] / Standard length	2,5 / 5			
Charge [kN] / Load-bearing capacity	 130 kN  600 kN			