

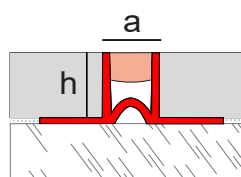


## Novojunta® 3



Novojunta® 3 is a solution for expansion joints manufactured in PVC coextrusion. The combination of rigid and flexible material facilitates that the joint fulfills the function of absorbing the movement of the flooring or cladding, avoiding pathologies. It is ideal for outdoor or indoor installation and for all types of projects. Specially designed for pavements of different thicknesses.

### General features



<b>Material:</b>	PVC
<b>Length:</b>	2,5 m.l. (8ft2in)
<b>Dimensions:</b>	h: 6, 8, 10, 12.5, 15 mm. a: 8 mm.
<b>Packaging:</b>	50 u./box
<b>Finishes:</b>	<i>Upon availability</i> White - 01 Grey - 02 Beige - 03 Black - 10 Transparent - 33
<b>M.A.:</b>	+ 0,7 - 0,7
<b>M.T.A.:</b>	1,4

M.A: Movement allowed (mm.) M.T.A: Total movement allowed (mm.)

### Applications

Novojunta® 3 PVC is a solution for expansion joints whose main function is absorbing expansions and contractions in tiled floorings or walls to avoid the apparition of pathologies. It can be installed vertically or horizontally both in floorings as in walls.

### Technical Features and Tests

Fire resistance	M2 (NBE-CPI-96)
Abrasion resistance	Very good
Working temperature	-10°C / 60°C
Chemical resistance	Good resistance except to chromic, nitric and sulphuric concentrated acids and organic solvents like acetate or toluene. AIMPLAS



### Materials

#### PVC

Novojunta® 3 is a profile made by coextrusion of PVC-P (rigid PVC) and PVC-U (flexible PVC). PVC-U allow the profile to absorb expansion and contraction movements from floor and wall tiling where is installed and PVC-P is suitable, due to its rigidity, to the support of the tile.

El PVC (polyvinyl chloride), is a polar amorphous thermoplastic polymer highly resistant to abrasion, corrosion and a wide range of chemical products. Has a good resistance to impact, low water absorption, low electrical conductivity and is dimensionally stable.

### Recommendations of installation

Emac®, in his awareness for the correct execution of the ceramic systems, took part in the committee for the elaboration of the UNE 138002: 2017 standard "General rules for the execution of ceramic tile systems by adhesion". In that UNE standard the recommendations of installation for expansion joints were defined as follow:

Installation	Separation distance / Area	Joint width (mm)
<i>Linear expansion joints</i>		
<i>Outdoor walls</i>	Each 3 - 4 ml max. Regular areas max. 16 m <sup>2</sup>	≥ 8 mm
<i>Outdoor floors</i>	Each 2,5 - 5 ml max. Regular areas max. 16 m <sup>2</sup>	
<i>Indoor floors</i>	Respect open contraction joints Each 8 ml maximum Regular areas max. 40 m <sup>2</sup>	≥ 5 mm
<i>Singular points</i>	Door treshold Floor changes	≥ 8 mm
<i>Perimeter expansion joints</i>		
<i>Indoor walls</i>	Perimeter joints Wall / Ceiling Wall / Wall	≥ 5 mm ≥ 8 mm
<i>Outdoor walls</i>	Indoor / outdoor edges	≥ 8 mm
<i>Indoor floors</i>	Perimeter joints and encounters with elements	
<i>Outdoor floors</i>	Perimeter joints and encounters with elements	
<i>Singular points</i>	Encounter joints with joinery	≥ 5 mm

These recommendations are the minimum dimensions to take into account. The particularities of each project could make necessary to place the joints at less distance. The expansion joints should be planned since the project phase. The correct design and dimensionement of the expansion joints, together with an adequate choice of materials and a correct installation execution, will help to prevent from the apparition of pathologies.

### Installation



To see the video, capture this image with your mobile phone (QR code reader software is necessary) or click on it.

1. Spread a big amount of gripping material on the surface where the pavement will be installed.
2. Then, place the profile and press it to allow the gripping material pass through the mechanized holes on the fixing wing.
3. Place a tile on the fixing wing of the profile and press to an optimal contact with the gripping material.
4. Repeat the previous step placing tiles along the profile until the installation is finished.
5. Before curing, tap with a rubber hammer to align the profile with the pavement.
6. Finally clean the remaining material and let dry.



### Cleaning and maintenance

You can daily clean the profile with water and common detergents. The correct use of bleach, does not affect it. It is resistant to the most common acids except in concentrated status.

It is not recommended the use of organic solvents such as acetate, acetone or toluene.

Thanks to its high resistance to many of the chemical products, the PVC products are ideal to be installed in industries with saline environment, oils, etc.

### Technical information

You can find out more information about the technical features of Emac®'s products by downloading its Technical File in [www.emac.es](http://www.emac.es).

If you have any query, please contact our Technical Department in [tecnico@emac.es](mailto:tecnico@emac.es).



Emac Complementos S.L. (Spain) [info@emac.es](mailto:info@emac.es) // Emac America L.L.C. (FL,USA) [info@emac-america.com](mailto:info@emac-america.com) // Emac Italia S.R.L. (Italy) [info@emac-italia.it](mailto:info@emac-italia.it)  
[www.emac.es](http://www.emac.es)

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