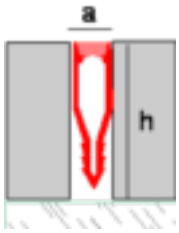
Novo**junta® 1**

Novojunta® 1 is a solution for expansion joints made by coextrusion of PVC. The combination of both materials, rigid and flexible, is perfect to absorb expansions and contractions in tiled floorings and walls, avoiding the apparition of possible pathologies. Ideal to be installed outdoors or indoors in all kind of projects. It has been specially designed to be installed with high thickness floorings such as marble, terrazzo, etc.

General Features



Material:	Coextrusion of PVC
Length:	8ft2in / 2,5 m.l.
Packaging:	50 u./box 25 u./box (h 50 mm.)
Finishes:	 01 03 02 08 10

Dimensions:

h:	inches	1	1-3/16	1-3/8	1-9/16	2
	mm	25	30	35	40	50
a_1:	inches	5/16				
	mm	8				
M.A.:	inches	+/-0.028				
	mm	+/- 0,7				
T.M.A:	inches	0,056				
	mm	1,4				

M.A: Movement allowed T.M.A: Total movement allowed

Applications

Novojunta® 1 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	-10ºC / 60ºC	
Chemical resistance	Good resistance except to chromic, nitric and sulphuric concentrated acids and organic solvents like acetate or toluene.	AIMPLAS

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Materials

PVC

Novojunta® 1 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:

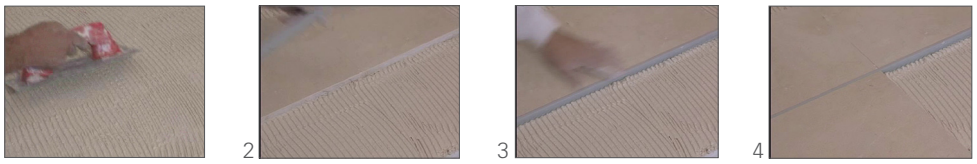
Installation	Separation distance / Area	Joint width (mm)
Linear expansion joints		
Outdoor walls	Each 3 - 4 ml max. Regular areas max. 16 m²	>= 8 mm
Outdoor floors	Each 2,5 - 5 ml max. Regular areas max. 16 m²	
Indoor floors	Respect open contraction joints Each 8 ml maximum Regular areas max. 40 m²	>= 5 mm
Singular points	Door treshold Floor changes	>= 8 mm
Perimeter expansion joints		
Indoor walls	Perimeter joints Wall / Ceiling Wall / Wall	>= 5 mm >= 8 mm
Outdoor walls	Indoor / outdoor edges	>=8 mm
Indoor floors	Perimeter joints and encounters with elements	
Outdoor floors	Perimeter joints and encounters with elements	
Singular points	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

1. Spread a big amount of mortar or similar on the surface to be tiled
2. Then, do the tiling until the place to install the Novojunta® 1
3. Install the profile longitudinally aligning it with the edge of the tiles anf fixing it well to the mortar
4. Continue with the tiling work to complete the installation. Before the curing, tap softly with a rubber hammer to align the profile with the surface of the floor.
5. Finally clean the leftover material and let dry

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



If you want to polish the floor, check the next page to learn more about how to do the installation.

If you have chosen this profile for a floor to be polished, take into account that the profile should be installed slightly below its level to avoid possible damage. It only should be flush to the floor in pavements that do not need polishing.

Installation in floor to polish

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 their Technical File from **www.emac.es**

If you have any query, please contact our Technical Department in **tecnico@emac.es**

Outdoors Indoors Wall covering Floorings Recyclable

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