



## Novojunta® Metallic Perimetral



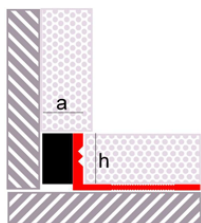
Novojunta® Metallic is a solution for perimeter expansion joints, made of aluminum and a flexible EPDM rubber. The excellent properties of the EPDM allow the profile to absorb the expansions and contractions of floorings, preventing this way the apparition of possible pathologies. Novojunta® Metallic remains hidden once installed. Available in color black.

### General Features

Material: Aluminum + EPDM rubber

Lenght: 8ft2in / 2,5 m.l.

Packaging: 20 u/box



Finishes:



Dimensions:

75

**h:** 10 12

**a<sub>1</sub>:** 6

**M.A.:** -1 / + 2

**T.M.A.:** 3

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

### Applications

Novojunta® Metallic is a solution for perimeter expansion joints whose main function is absorbing expansions and contractions of floorings caused by thermal variations, to avoid the apparition of pathologies. It can be installed both horizontally and vertically.

### Installation recommendations

Perimeter joints should always be taken into account in areas higher than 7 sq2 and around constructive elements such as stairs, columns, etc.

### Technical Features and Tests

Fire resistance: M4 UNE 23-727-90

Abrasion resistance: Very good

Working temperature: -40°C / 70°C

Water absorption: < 5 ASTM D1056 - 00 AIMPLAS

Ozone resistant: Yes

Free of CFC

## Materials

### Aluminum

The anchoring wing of Novojunta® Metallic Perimetral is a profile made by extrusion of aluminum (natural finish)

Aluminum has excellent chemical, physical and mechanical properties. It is lightweight, tough, ductile, malleable and highly durable

### EPDM

The flexible EPDM of Novojunta® Metallic Perimetral is an elastomer polymer with excellent mechanical properties. It has good resistance to abrasion, wear and impact, is a good insulator, and resists weathering, common chemicals and has a wide working temperature range.

Its excellent compression set is the main feature in its function as profile for expansion joints.

## Installation recommendations

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.

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## Installation

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1. Spread a big amount of mortar on the surface to be tiled
2. Then, place the profile on the perimeter and press it to make the mortar pass through the holes of the anchoring wing
3. Place a tile on the anchoring wing and press it to get an optimal contact with the mortar
4. Continue tiling the floor or the wall.
5. Finally, clean the leftover material, remove the protective film (if necessary) and let dry

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## Cleaning and maintenance

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Novojunta® Metallic Perimetral remains hidden once installed, so it won't need any additional cleaning or maintenance. In case of being installed visible, it will be enough cleaning the profile with water and neutral cleaners and drying well once cleaned.

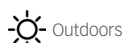
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## Technical information

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You can find out more information about the technical features of Emac®'s products by downloading the 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)



Outdoors



Indoors



Wall tiling



Flooring

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