



Novojunta® Decor Arrow Aluminum



Novojunta® Metallic Arrow is a solution for expansion joints with arrow shape, so it is specially indicated for high thickness floorings. It is made of aluminum with a central body made of high quality EPDM rubber. The excellent properties of EPDM, allow Novojunta® Decor arrow to absorb expansion and contraction movements, avoiding the apparition of pathologies. It is available in natural and matt silver finishes. It is delivered with protective film on its visible side, to avoid possible damage caused during handling or transport.

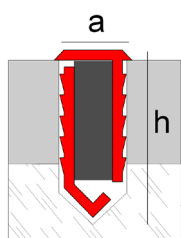
General Features

Material: Aluminum + EPDM rubber

Length: 8ft2in / 2.5 m.

Packaging: 30, 20 o 5 u./box

Finishes:



Dimensions:

h:	inches	1-1/36"	1-3/8"	2"	2-9/16"	3-11/32"	4-15/16"
	mm.	30	35	50	65	85	125
a:	1/2"						
	12.5 mm.						
A.M.	+1.2 / -3.5 mm.						
	+0.047" / -0.138"						

A.M.: allowed movement

Applications

Novojunta® Decor Arrow Aluminum is a solution for expansion joints whose main function is to absorb expansion and contraction movements from walls and floors to avoid the apparition of pathologies in the installations. It can be installed vertically and horizontally both walls as floors.

Technical Features and Tests

Fire resistance	M4	UNE 23-727-90	
Abrasion resistance	Very good		
Working temperature	-10°C / 60°C		
Water absorption	< 5	ASTM D1056 - 00	AIMPLAS
Ozone resistance	Yes		
Free of CFC			

Materials

Aluminum



Novojunta® Decor Arrow aluminum is a profile made by extrusion of aluminum. It has been anodized, improving mainly by this process its corrosion and mechanical resistance and its appearance. The anodized applied, has the quality seal “Qualanod” which guarantees the quality of the process and the resulting profiles. This seal regulates several tests: appearance and color, thickness measurements, sealing and impregnation control, abrasion resistance, lightfastness, acetic saline chamber and nitric acid immersion.

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

EPDM

The central body of Novojunta® Decor Arrow Aluminum is made of high quality EPDM rubber. EPDM 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 most important to absorb the deformations and geometric variations of constructive elements.

Tips 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 ²	≥ 8 mm
<i>Outdoor floors</i>	Each 2,5 - 5 ml max. Regular areas max. 16 m ²	
<i>Indoor floors</i>	Respect open contraction joints Each 8 ml maximum Regular areas max. 40 m ²	≥ 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

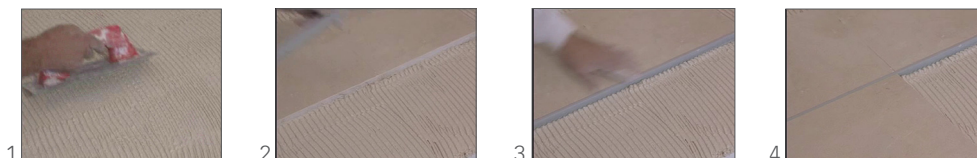
These recommendations are the minimum dimensions to take into account. The particularities of each project could make necessary to place the joints at less distance. The expansion joints should be planned since the project phase. The correct design and dimensionement of the expansion joints, together 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 mortar or similar on the surface to be tiled.
2. Then, do the tiling until the place to install the Novojunta® Decor Arrow Aluminum.
3. Install the profile longitudinally aligning it with the edge of the tiles and 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.



Cleaning and maintenance

The cleaning must be done periodically with a soft cloth. If you use a neutral liquid cleaner, you must rinse the profile with cold water and dry to remove excess moisture. If dirtiness persists, clean the profile with a solution with clean water and detergent or neutral soap 5%, brushing with a cloth that has no particles that could scratch the finish. Ensure the lacquered surface is totally cold (maximum 20°C) before the cleaning.

Steel wool, abrasive cleaners, souring products as well as strong acids (hydrochloric and perchloric), strong bases (caustic soda or ammonia) or carbonated solutions are not recommended. Citric acid is neither recommended because it dissolves the protective layer of the surface of aluminium. Waxes, petrolatum, lanolin or similar substances are not appropriate. Solvents containing haloalkanes (hydrofluoroether and chlorinated solvents) and curing accelerators containing chlorides should not be used (use special accelerators free of chlorides)

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.

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



Outdoors



Indoors



Wall tiling



Flooring

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