

Novojunta® Pro AL30 RS



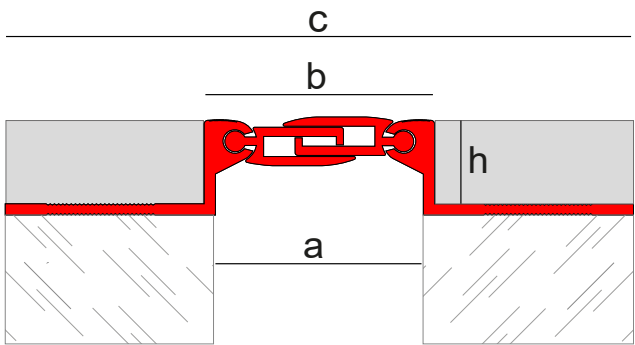
Floor/floor. Light/medium loads.

Novojunta® Pro AL30 RS is a system of pre-assembled profiles intended to be installed in structural expansion joints up to 30 mm width in ceramic floorings. This profile has been designed to be installed during the tiling, remaining flush to the flooring once installed. Delivered pre-assembled with protective film on the surface. Available in anodized silver mat aluminum finish.

General Features

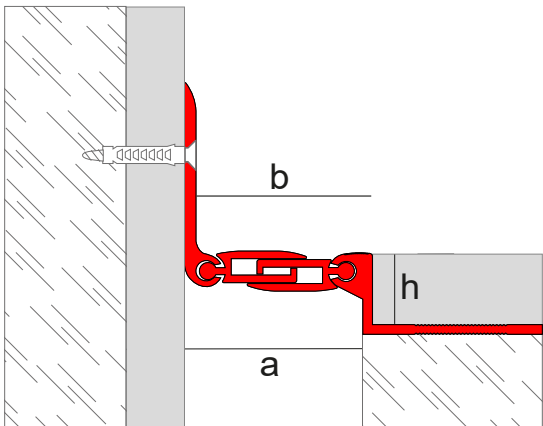


|           |                   |
|-----------|-------------------|
| Material: | Anodized aluminum |
| Length:   | 2,5 lm            |
| Finishes: | Matt silver - 13  |



| Reference   | Height (h): | Joint width (a): | Visible width (b): | Total width (c): | Horizontal movement | Vertical movement |
|-------------|-------------|------------------|--------------------|------------------|---------------------|-------------------|
| NJPAL30RSPL | 12,5 mm     | 30 mm            | 32,5 mm            | 84 mm            | 9,4 mm (+/-4,7)     | 5 mm(+/-2,5)      |

Novojunta® Pro AL30 RS has a perimeter version available



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### Technical Features

|  |                               |                              |
|--|-------------------------------|------------------------------|
| Alloy  | 6063<br>L-3441                | AA and ASTM<br>UNE 39-301-89 |
| Fire resistance                                  | M0 (UNE 23-727-90)            |                              |
| Abrasion resistance                              | Very good                     |                              |
| Lightfastness                                    | Excellent                     |                              |
| Appearance and color                             | EN 12373-1                    |                              |
| Focused linear load<br>(rigid wheel track )      | 6000 N                        | AIMME                        |
| Focused linear<br>load(pneumatic wheel<br>track) | 50000 N (without<br>breaking) | AIMME                        |



### Applications

The buildings and constructive elements are under strains caused by thermal variations. The installation of expansion joints helps to minimize the effects that these variations cause in the whole building, preventing a possible structural damage.



The **CTE (Spanish Technical Building Code)**, in the DB-SAE (Document about actions in building), states that in steel or concrete buildings is necessary not to let continuous elements longer than forty meters without installing expansion joints.

**Novojunta® Pro AL30 RS** is a solution for expansion joints specially designed for ceramic floorings. Consists of a set of aluminum pieces connected by ball joints which allow its movement in three axis. This profile absorbs the stresses and strains of constructive elements, preventing from cracking and other pathologies. Suitable for floorings.

**Novojunta® Pro AL30 RS** integrates perfectly with the flooring, covering expansion joints up to 30 mm width with only 32,5 mm of visible side. Entirely made of anodized aluminum.

### Materials

Aluminium

**Novojunta® Pro AL30 RS** 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 high valued raw material and it is widely used in several sectors, specially construction. Its transformation processes are multiple, so it can get very different geometries with high performance. This is a recyclable material.

### Load support



Novojunta® Pro AL30 RS supports traffic of light/medium loads, cargas ligeras/medias, which means that allows peatonal and vehicular traffic. It supports traffic of vehicles with pneumatic wheels up to 30 kN (DIN 1072).

### Installation

Novojunta® Pro AL30 RS is delivered **assembled** for an easy installation.

1. Extend a big amount of thin-set mortar on the surface to tile.
2. Then, place the Novojunta® Pro AL30 RS over the hollow of the joint, align it to it and press to make the mortar pass through the holes on the fixing wing.
3. Place a tile on the fixing wing of the profile and press it to get a perfect contact with the mortar.
4. Repeat the step by placing tiles both sides of the profile until the installation is finished. Novojunta® Pro AL30 RS must be correctly flushed to the flooring.
5. Finally clean the leftover material, remove the protective film and let dry.

Remind that Novojunta® Pro AL30 RS is a profile intended to be installed in expansion joints **equal or minor than 30 mm width**.

### Cleaning and maintenance

The cleaning must be done periodically with a soft mop. 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 mop with no particles that could scratch the finish. Outdoors, rainfall will clean the profile.

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 the Emac®'s products by downloading its Technical Files 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)**.



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OUTDOOR  
EXTÉRIEUR  
ESTERNO



INTERIOR  
INDOOR  
INTÉRIEUR  
INTERNO



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FLOORING  
PAVEMENTS  
PAVIMENTI



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