

Novojunta® Pro SP



Floor/floor. Medium/heavy loads

Novojunta® Pro SP is a system of profiles for expansion joints up to 50 mm width to be installed as an overlapped joint once the flooring is finished. Consists of two reinforced aluminum profiles with holes for the installation with screws with a syntethic rubber between them. Available in grey and black colors.

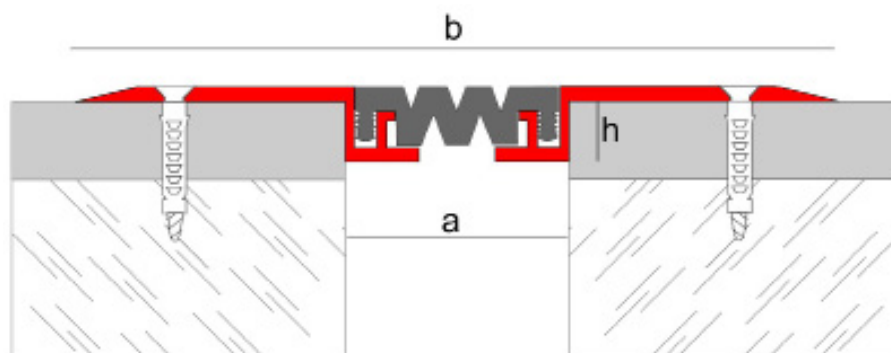
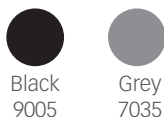
General Features



Material: Natural aluminum + synthetic rubber

Lenght: 3 m.l.

Finishes:



| Reference | Joint width (a): | Total width(b): | Rubber | Movement |
|-----------|------------------|-----------------|----------|---------------|
| NJPSP35 | 35 mm | 145 mm | Striated | 14 mm (+/-7) |
| NJPSP40 | 40 mm | 150 mm | | 16 mm (+/-8) |
| NJPSP50 | 50 mm | 160 mm | | 20 mm (+/-10) |

Technical Features

| | |
|---------------------|-----------------|
| Abrasion resistance | Excellent |
| Weatherability | Very good |
| Elasticity | Very good |
| Working temperature | -30°C / +120 °C |

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 SP is a solution for expansion joints consisting of two overlapped aluminum profiles connected through a profile of synthetic rubber with great ability to move. This profile absorbs stresses and strains from constructive elements, preventing this way from the cracking or other pathologies. Ideal to be installed in floors, walls and ceilings.

Novojunta® Pro SP is an easy-to-install profile suitable to resist traffic of medium/heavy loads. Indicated to be installed once the flooring is finished. Perfect for rehabilitation or reform works.

Materials

Aluminum

The side profiles of **Novojunta® Pro SP** are made by aluminum extrusion. Aluminum is a raw material with excellent chemical and physicommechanical properties. It is light, tough, ductile, malleable and highly durable. It has a great resistance to fire and corrosion.

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.

Synthetic rubber

The central body of **Novojunta® Pro SP** is made of high quality synthetic rubber. This rubber can absorb multidirectional movements and has excellent mechanical properties: great elasticity, weatherability and UV resistance, moisture and abrasion resistance and is also resistant to extreme temperatures (-30°C/+120°C).

Load support



Novojunta® Pro SP can support light and medium loads, which means that allows pedestrian and vehicular traffic. Allows the traffic of vehicles with pneumatic wheels (DIN 1072) up to 50 kN and occasionally forklifts (DIN 1055).

Installation

Novojunta® Pro SP is delivered pre-assembled. The profiles are served at 3 m length and the rubber at 21 ml rolls.

1. Clean the surfaces to install the profiles
2. Place the profiles aligned to the joint. Be sure the width is the appropriate to later install the rubber.
3. Drill the holes for the fixing screws.
4. Fix the expansion joint with the screws supplied.
5. Insert the rubber in the joint grooves and put it al level with the surface. A rubber hammer could be useful for this purpose.

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 with no particles that could scratch the finish.

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 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.

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



Outdoors



Indoors



Flooring



Recyclable

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