



## Novojunta® Pro L50



Floor/floor. Light/medium loads.

Novojunta® Pro L50 is a system of profiles for expansion joints up to 50 mm width. Consists of two aluminium side profiles drilled on the base to be fixed with screws and a central body made of high quality rubber. This profile is delivered unmounted and is available in two different colors (grey or black) and finishes (flat or striated).

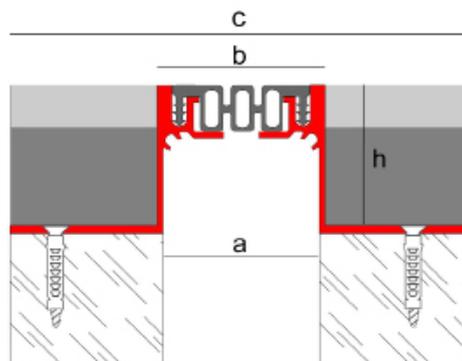
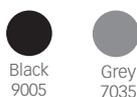
### General Features



Material: Aluminium+rubber

Length: 3 ml

Finishes:



Reference	Profile height (h):	Joint width(a):	Visible width(b):	Total width(c):	Rubber	Movement flat rubber	Movement striated rubber
NJPL50AL35NA	35 mm	50 mm	55 mm	155 mm	Flat/ striated	16 mm (+/-8)	20 mm (+/-10)
NJPL50AL50NA	50 mm						
NJPL50AL80NA	80 mm						

### 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 L50** is a solution for structural expansion joints consisting of two aluminium pieces drilled on the base to be fixed with screws joined by a central piece made of rubber with ability to move. This profile absorbs the stresses and strains of constructive elements, preventing from cracking or other pathologies.

**Novojunta® Pro L50** is a functional profile for expansion joints, very easy to install, which fits the most common expansion joints in building. To be installed before the flooring, flush to it.

### Technical Features

Alloy	6060 (UNE 38350:2001)
Abrasion resistance	Very good
Lightfastness	Excellent
Weatherability	Very good
Elasticity	Very good
Working temperature	-30°C / +120 °C

### Materials

#### Aluminium

The side profiles of **Novojunta® Pro L50** are made by aluminum extrusion. The 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 profile of **Novojunta® Pro L50** is made of high quality rubber. This rubber can absorb multidirectional movements and has excellent mechanical properties: great elasticity, moderate weatherability, moisture and abrasion resistance and is also resistant to thermal variations (-50°C/+80°C).

### Load support



Novojunta® Pro Basic 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 35 kN and the occasional traffic of heavy loads with pneumatic wheel.

### Installation

The model Novojunta® Pro L50 is delivered unmounted. It is possible to combine different profile heights and finishes. To install the profile, follow these steps:

1. Clean the surfaces to install the Novojunta® Pro L50.
2. Place the profiles and align them to the edge of the expansion joint. Please, check the width to ensure the later installation of the rubber profile.
3. Drill the holes for the fixing screws.
4. Fix the profile with the screws supplied.
5. Continue tiling the floor until you have finished.
6. Finally, insert the rubber profile into the grooves of the profiles and align it with the surface. You can use a rubber hammer.

## 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).



Outdoors



Indoors



Floorings