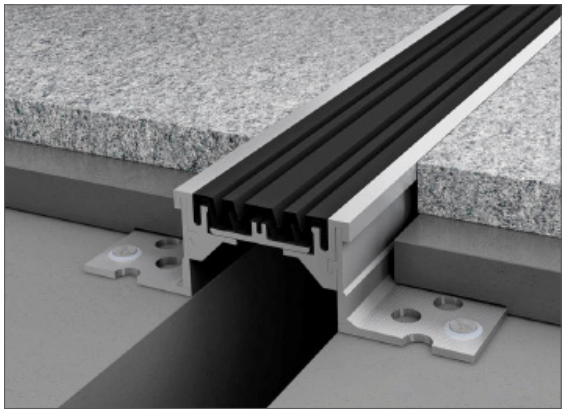


Novojunta Pro® L65

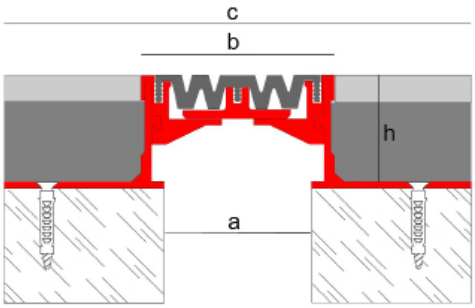
Ocasional

Floor/floor. Medium/heavy loads.

Novojunta Pro® L65 is a system of profiles for expansion joints up to 65 mm width to be installed before the flooring. Consists of two aluminum side profiles drilled on the base to be fixed with screws, two reinforced aluminum profiles and a central piece which supports the central rubber profile. It is delivered pre-assembled and it is available in two different colors.

General Features

Material:	Aluminum + rubber
Lenght:	3 lm
Finishes:	Black 9005, Grey 7035



Reference	Profile height(h):	Joint width(a):	Visible width(b):	Total width (c):	Type of rubber	Horizontal movement	Vertical movement
NJPL65AL35NA	35 mm	65 mm	83 mm	205 mm	Striated	28 mm (+18/-10)	20 mm (+/-10)
NJPL65AL50NA	50 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® L65 is a solution for structural expansion joints consisting of two aluminum side profiles drilled on the base to be fixed with screws, two reinforced aluminum profiles and a central pece which supports the rubber profile. This profile absorbs the stresses and strains of constructive elements, preventing from cracking or other pathologies.

Novojunta Pro® L65 is to be installed before the flooring, flush to it.

Emac Complementos, S.L. reserves the right to make at any time modifications to the geometry profile or the specifications of his products.

R03.001_10/12/2014

Technical Features

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

Materials

Aluminum

The metal profiles of **Novojunta Pro® L65** are made by aluminum extrusion. The aluminum is a raw material with excellent chemical and physicomechanical 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® L65** 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 (-50ºC/+80ºC).

Load support

Novojunta Pro® L65 supports traffic of light/medium loads, which means that allows pedestrian and vehicular traffic. cargas ligeras/medias, comprendiendo tráfico peatonal y vehicular. Allows the traffic of vehicles with pneumatic wheels (DIN 1072) up to 50 kN and the ocasional traffic of heavy loads, up to 300 kN, with pneumatic wheel.

Installation

Novojunta Pro® L65 is delivered pre-assembled for an easy installation:

1. Clean the surfaces to install the profile
2. Place the pre-assembled system and align it with the hollow of the expansion joint
3. Drill the holes for the fixing screws
4. Fix the profiles with the screws supplied, placing them aproximately each 30 cm
5. Continue with the work of the flooring
6. Finally, remove the pieces of rubber that were placed on the profiles as a guide and place the definitive rubber profile by inserting it on the slots of the aluminum profiles. Be sure the rubber is flush to the aluminum profiles. If you want you can use a rubber hammer to do the job.

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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 disolves 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.**

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