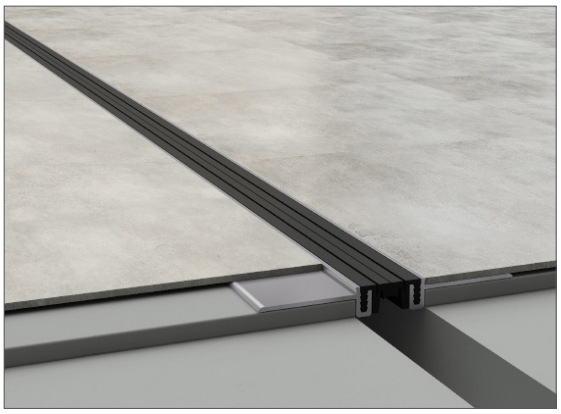


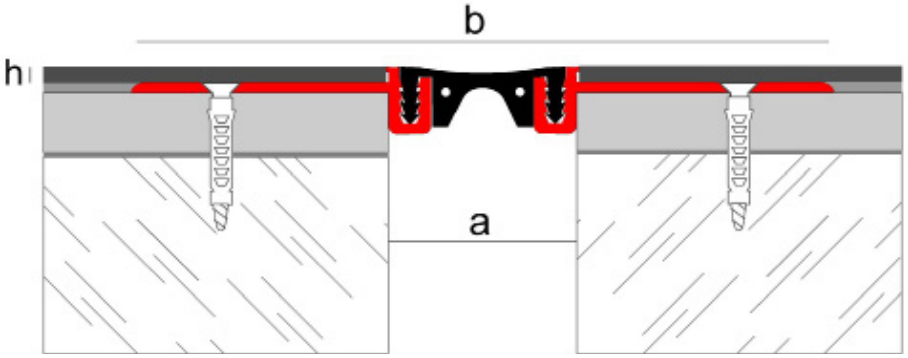
Novojunta Pro® Basic SliMM

Floor/wall and ceiling. Light/medium loads (floor)

Novojunta Pro® Basic SliMM is a system of profiles up to 40 mm width suited to be installed in low ceramic thickness like vinyl flooring or carpets among others. This solution consists of two aluminium profiles with holes for the fixing screws and a central part made of high quality synthetic rubber that it is inserted into the aluminum profiles. Available in two different finishes (flat and striated) and colors (black and grey).

General Features

Material:	Aluminum+ synthetic rubber
Length:	2,5 m.l. (8'2")
Finishes:	Black 9005 / Grey 7035



Reference	Joint width (a):	Height (h):	Finish	Movement allowed
NJPBAL0320*	20 mm (3/4")	3 mm (1/8")	Smooth	8 mm (5/16") (+/-4, +/- 5/32")
			Ribbed	10 mm (3/8") (+/-5, +/- 13/64")
NJPBAL0330*	30 mm (1 3/16")		Smooth	10 mm (3/8") (+/-5, +/-13/64")
			Ribbed	12 mm (1/2") (+/-6, +/-15/16")
NJPBAL0340*	40 mm (1 9/16")		Smooth	12 mm (1/2" (+/-6, +/-15/16")
			Ribbed	14 mm (35/64")(+/-7, +/-9/32")

Technical Features

	Abrasion resistance	Excellent	
	Weatherability	Very good	
	Elasticity	Very good	
	Working temperature	-50ºC / +80 ºC	
Rubber	Fire resistance	V2	UL94
	Specific weight	1,23 g/cm3	ISO 1183
	Hardness	Shore 56-68	ISO 868
	Tensile strenght	>11- >14 N/mm^2	ISO 527
	Elongation at break	>400 - >300 %	ISO 527

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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 Code of Building)**, 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® Basic SliMM is a solution for structural expansion joints consisting of two aluminum profiles holed on their base to receive the screws, together by a rubber with the ability to move. This profile absorbs expansions and contractions caused by constructive elements, preventing the cracking and other pathologies. Suitable to be installed in floors, walls and ceilings.

Novojunta Pro® Basic SliMM is a flush to the flooring profile, easy to install, which allows traffic of light or medium loads. It is perfect to install once the flooring is installed and in rehabilitation or reform works.

Materials

Aluminium

The side profiles of **Novojunta Pro® Basic SliMM** are manufactured 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 rubber of **Novojunta Pro® Basic SliMM** 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® Basic SliMM 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 ocasional traffic of heavy loads with pneumatic wheel.

Installation

Novojunta Pro® Basic SliMM is delivered unmounted. This allows multiple combinations with the profiles and the different rubbers, that can adapt to the customer requirements.

1. Clean the surfaces to install the profile
2. Place both profiles aligned to the borders of the expansion joint. Be sure the width is the suitable to install the rubber.
3. Drill the holes for the fixing screws.
4. Fix the profiles with the screws supplied.
5. Finally, insert the rubber into the grooves of the aluminum profiles and align all with the surface. You can use a rubber hammer.

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. 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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