



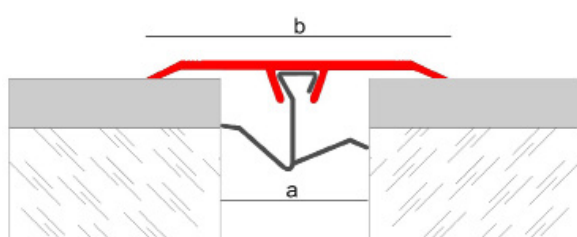
## Novotapajuntas NDA



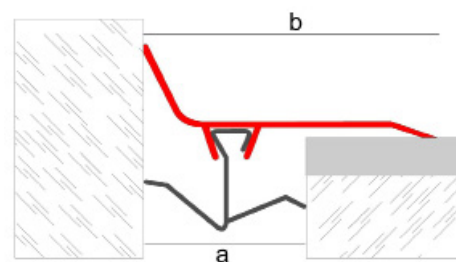
Cover plate profile made of anodized aluminum, designed to be installed in expansion joints up to 150 width. It is supplied with stainless steel fixing clips. These clips make easier the installation, avoiding adhesives or traditional fixing screws. Suitable to be placed in all kind of buildings (hospitals, schools, homes...) both outdoors as indoors. Available in matt silver color.

### General Features

Material:	Anodized aluminum
Lenght:	3 ml
Finish:	Matt silver
Dimensions:	



Flat model



Angle model

Reference	Type	Joint width (a)	Profile width (b)	Type of clip	Number of clips
NTDAP50ALNA3	Flat	10 to 35 mm	50 mm	S	Walls: 4
NTDAP70ALNA3		35 to 50 mm	70 mm	S/L	Walls: 4
NTDA90ALNA3		40 to 70 mm	90 mm	L/XL	Walls: 4
NTDAP120ALN3		60 to 90 mm	120 mm	L/XL	Walls: 4
NTDA140ALN3		80 to 110 mm	140 mm	XL	Walls: 4
NTDAP180ALN3		100 to 130 mm	180 mm	XL/XXL	Walls: 4
NTDAP210ALN3		120 to 150 mm	210 mm	XXL	Walls: 4
NTDAA50ALNA3	Angle	10 to 35 mm	50 mm	S	Walls: 4
NTDAA70ALNA3		35 to 50 mm	70 mm	S/L	Walls: 4
NTDAA90ALNA3		40 to 70 mm	90 mm	L/XL	Walls: 4
NTDAA120ALNA		60 to 90 mm	120 mm	L/XL	Walls: 4

### Applications

The buildings and constructive elements suffer from deformations and geometric variations. Placing expansion joints contributes to decrease the effects of these variations on the whole building, preventing from the apparition of pathologies.



The **CTE (Spanish Technical Building Code)** in the DB-SAE (Actions in building), states that in concrete or steel buildings the expansion joints shall be installed so that there is no continuous elements longer than 40 m.

**The Novotapajunta NDA range** is a simple solution to cover and protect structural joints in facades, walls or floors with light traffic. The anodized finish guarantee its installation both outdoors as indoors with an excellent performance.

**The aluminum Novotapajunta NDA range** is installed with stainless steel fixing clips, which avoid the use of common adhesives or fixing screws. The number and type of clips depends on the intended use and the profile width. Thanks to its features, can be installed in new works or in rehabilitation works for big projects such as malls, parkings, airports, and all kind of public use or private buildings.

### Technical Features

Alloy	6063 (T6)
Fire reaction	M0 (UNE 23-727-90)
<i>Physical properties</i>	
Density	2,7 g/cm <sup>3</sup>
Fusion temperature	615-655 °C
Expansion coefficient (0 a 100°C)	23.4 °C <sup>-1</sup> x10 <sup>6</sup>
Poisson coefficient	0,33
Thermal conductivity	200
Resistivity at 20°C	3,3 μΩcm
Thermal capacity	940 J/kg °C
<i>Mechanical features</i>	
State	T6
Resistance	R19

### Materials

**Aluminum** The **Novotapajuntas NDA** range is made by aluminum extrusion. This profile has been anodized, improving so its corrosion resistance, mechanical resistance and appearance. The aluminum is a raw material with excellent chemical and physicomechanical features. It is light, tough, ductile, maleable and highly durable. It has an excellent corrosion resistance and reaction to fire.

The aluminum is a highly valued material used in several sectors, specially in construction. Its transformation processes are multiple, so very different geometries with high performance can be obtained. It is a recyclable material.

**Stainless steel** The fixing clips of Novotapajuntas NDA range are made of folded stainless steel. These elements allow the fixation of the profile and thanks to its design confer flexibility to the installation. Stainless steel is appropriate for fixing the cover plate profile thanks to its excellent mechanical properties and good weatherability.

### Installation

Novotapajuntas NDA is very easy to install using the stainless steel fixing clips supplied.

1. Clean the bottom of the profile, the flooring and the joint hollow.
2. Insert the first clip into the slot on the bottom of the profile. Press the top of the clip with two fingers and snap it into the slot. Without losing, slide until the desired position and finally loose so the clip stay fixed.
3. Continue inserting the rest of the recommended clips. Insert them alternating the direction of insertion in each clip.
4. Once the clips are installed, place the profile in front of the joint and insert it until it is correctly embedded.

### Cleaning and maintenance

The cleaning must be done periodically with a soft cloth or 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 cloth that has 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 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 or Emac®'s products by downloading its Technical File 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).

