



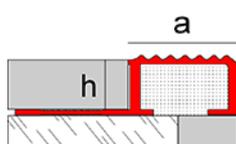
Novopeldaño® 4 Aluminum



Stair-nosing profile, made of aluminum, designed to protect and decorate the edge of tiled stairs. Its striated visible side acts as a slip-resistant element and increases the safety of stair edges. Its design integrates perfectly the tiles and gives the stairs an elegant touch. Available in matt silver finish.

General features

Reg. 0504253-4



Material:	Anodized aluminum
Length:	1 / 2,5 lm
Measures:	h: 10 mm.
	h: 12 mm.
Packaging:	20 u./box
Finishes:	13 - Matt silver

Applications

Novopeldaño® 4 aluminum is a profile designed to be placed as a stair nosing. Its striated face side helps to fulfill with the DB-SUA (Basic Document of Security in usage and Accessibility) from CTE (Spanish Technical Building Code) because improves the value of slip resistance of the floor where it is installed.

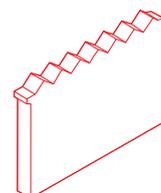


The Technical Guide of Accessibility in building 2001, also recommends the installation of visual and tactile elements at the beginning and the ending of stairs to favor the accessibility of people with reduced visibility.

Novopeldaño® 4 aluminum is ideal for public areas such as airports, hotels, hospitals, etc. and for its installation in homes.

Complementary pieces

Novopeldaño® 4 Aluminum has a special cover available to get a perfect installation.



Materials

Novopeldaño® 4 is a profile made by extrusion of aluminium. These profiles have been anodized, improving mainly by this process their corrosion and mechanical resistance and their appearance.. The anodized applied, has the quality seal "Qualanod" which guarantees the quality of the process and the resulting profiles.



This seal regulates several tests: appearance and color, thickness measurements, sealing and impregnation control, abrasion resistance, lightfastness, acetic saline chamber and nitric acid immersion.

The aluminium is a material with excellent chemical, physical and mechanical properties. It is lightweight, tough, ductile, malleable and highly durable.

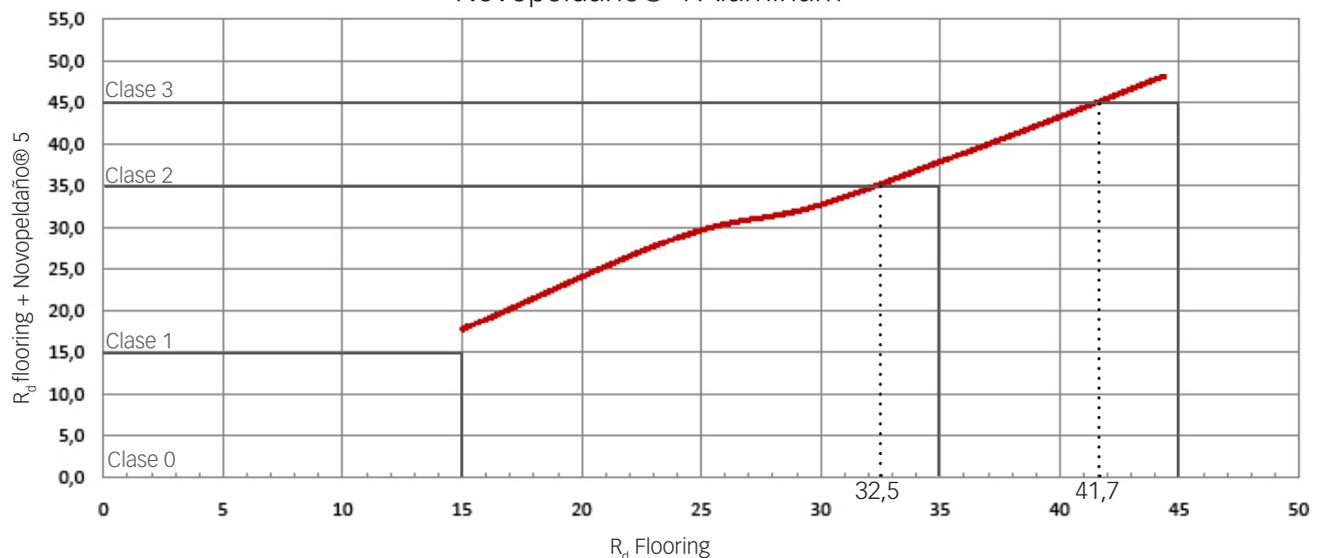
Technical features and Tests

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Alloy	6063 L-3441	AA y ASTM UNE 38-301-89
Fire resistance	M0	UNE 23-727-90
Abrasion resistance	Very good	
Lightfastness	Excellent	
Appearance and color	EN 12373-1	
Slip resistance	Good	UNE-ENV 12633:2003

Performance of slip resistance
Novopeldaño® 4 Aluminum



* In this graph you can see the comparison between the R_d of the flooring without Novopeldaño® 4 Aluminum and the R_d of the flooring with the profile installed. The different areas that conform different classes have been delimited to see clearly the improvement obtained of R_d and of flooring class.

Comparison chart R_d and Class

R_d Flooring	Initial class of flooring	R_d Flooring + Novopeldaño® 4 Alumi- num	Flooring class + Novopeldaño® 4 Aluminum
15 - 32,5	1	17,7 - 35	1
32,5 - 35	1	35 - 37,5	2
35 - 41,7	2	37,5 - 45	2
41,7 - 44,4	2	45 - 48,1	3

* With the help of this chart you can know the Rd and the class of the flooring which will result due to the installation of Novopeldaño® 4 Aluminum as stair nosing. You can compare the values obtained respecting to the flooring without the profile installed. Values marked in green will identify those values whose improvement has meant an increasing of the class of the flooring.

Slip Resistance project developed in collaboration with:



ENTIDAD ASOCIADA A:



Installation

1. Spread a big amount of thin-set mortar on the surface of the riser.
2. Place the tile on the riser and press to get an optimal adherence.
3. Then, spread a big amount of thin-set mortar on the tread and align the profile on its vertex so it rests on the riser (Do not let overhang, the leverage may remove the step and the tiles). Then press so the thin-set mortar could pass through the mechanized holes of the anchoring wing. Be also sure you fill the inside of the profile to reinforce the installation.
4. Place one tile on the tread, align it to the profile and press to get a perfect adhesion. You can tap it softly with a rubber hammer.
5. Clean the possible leftover material and let dry.

Cleaning and maintenance

This product must be cleaned periodically with a soft cloth. If you use a neutral liquid cleaner, you must rinse the profile with cold water and dry it to remove the humidity excess. The persistent dirtiness can be removed by using cleaning approved agents lightly abrasive or a grid covered with polished powder neutral. If a preserving agent is applied, as well as keep a very thin layer of water repellent, note that it can't be yellow, attract dust or dirt or have iridescent effects.

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 Emac®'s products by downloading its Technical File in www.emac.es.

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



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