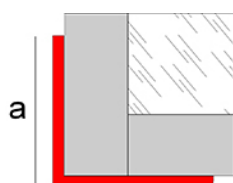




Novoescuadra Aluminum

Novoescuadra aluminum is a solution for edge protection made of extruded aluminum. It is easily installed on walls with all types of cladding already finished, making it a perfect solution for new construction as well as for renovation and refurbishment. The installation of Novoescuadra prolongs the durability of the installation, protecting it from knocks. Available in natural, lacquered or anodized color.

General features



Material:	Aluminum
Length:	2,5 ml / 8.2'
Dimensions:	a: 20 / 25 mm a: 3/4" / 1"
Packaging:	50 u/box
Finishes:	White - 01 Natural - 11 Matt silver - 13 Matt white - 142

Applications

Novoescuadra Aluminum is a profile designed to be installed on the edges of walls with all types of coatings. Its function is to protect the edges from shocks, prolonging the durability of the installation.

Technical features and tests



Alloy:	6063 / T5	
Stress test:	110-130 MPa	EN 755-2
Tensile strength:	160-175 MPa	
Elongation (%):	8%	
Fire resistance:	M0 (UNE 23-727-90)	
Abrasion resistance:	Very good	
Corrosion resistance:	Very good	
Appearance and color:	Excellent	EN 12373-1
Quality seals:	Qualicoat / Qualanod	

Materials

Novoescudra Aluminum is a profile manufactured by aluminum extrusion. The anodized finishes improve its corrosion resistance, mechanical strength and appearance through this process. Anodizing has the Qualanod quality seal, which guarantees the quality of the process and the resulting profiles. This seal regulates appearance and color tests, thickness measurements, sealing and impregnation control, abrasion resistance, light fastness, acetic saline chamber and immersion in nitric acid.



The lacquered finishes have a homogeneous and high quality surface. The lacquering has the Qualicoat quality seal, which guarantees the quality of the process and of the final products.



The natural finish does not have any surface treatment, so it has a lower resistance to corrosion and scratching. It is not recommended for installation without the application of additional protection. Aluminum is a material with excellent chemical and physicomaterial properties. It is light, tough, ductile, malleable and highly durable.

Installation

Novoescudra aluminum is a very easy to install profile:

1. Initially clean the profile and the surface where it is going to be placed, to facilitate a correct adhesion without imperfections.
2. Next, apply adhesive to the inside faces of the profile to facilitate bonding. You can use a mounting adhesive or polyurethane putty or similar.
3. Align the profile against the surface and hold it pressed until a proper bond has been produced.
4. Remove excess material, if necessary, and allow to dry.

Cleaning and maintenance

The 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.

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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