



Novocanto® Aluminum

with Technology of Control of Microbial Deterioration



Profile with smoothed shape made of high quality aluminum with the exclusive Technology of Control of Microbial Deterioration. The technology applied on its surface, protects it against harmful organisms such as mold, fungi and bacteria. Easy to install during tiling, it is perfect to round and protect vertical edges of ceramic installations. It is ideal for environments with high requirements of hygiene and for homes. Available in range of quality colors with properties of microbial control.

General Features

Material: Lacquered aluminum

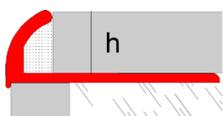
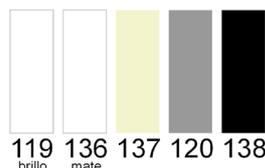
Length: 8ft2in / 2,5 m.l.

Dimensions (h): 3/8" / 1/2"

10 / 12 mm.

Packaging: 50 u/box

Finishes:



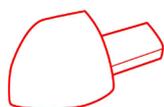
Applications

Novocanto® Aluminum antibacterial is a profile intended to protect and decorate edges in wall ceramic installations. It can also be installed as a medium-height finish.

It is an ideal product for bathrooms, kitchens, medical clinics, restaurants, etc. Its design is versatile and is appropriate for homes, offices, public buildings or facilities with strict cleanliness requirements.

Complementary pieces

Novocanto® Aluminum Antibacterial has a complementary piece made of Zamak to allow the installation of profiles at right angles obtaining a great finish.



Complementary piece of Novocanto® Aluminum antibacterial

Materials

Aluminum

Novocanto® Aluminum Antibacterial is a profile made by extrusion of aluminum. Its coating improves the corrosion resistance and provides properties for the control of microbial deterioration.



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

Zamak

The complementary piece of Novocanto® Aluminum Antibacterial is made of Zamak. Zamak is a non ferrous alloy of Zinc with aluminium, magnesium and copper (UNE EN 1774). It is tough, has high hardness, high mechanical strength and excellent plastic deformability. The surface finish applied, protects the profile and it is the same than the Novocanto® Aluminum Antibacterial one.

**You can find out more information by consulting the Technical files of materials in www.emac.es*

Technical Features and Tests

Alloy	6063 (L-3441/38-337)		
Fire resistance	MO (UNE 23-727-90)		
Bacterial growth resistance	Reduction of bacterial growth in +99% Reduction of magnitude of population >2.5	JIS Z 2801:2000	
Stain resistance. Kitchen furniture. Not work surfaces.	Superficial resistance to foodstuff. Unchanged.	UNE56842:2001	AIDI-MA
Stain resistance. Kitchen furniture. Not work surfaces.	Superficial resistance to typical kitchen cleaning products. Unchanged.	UNE56842:2001	AIDI-MA
Stain resistance. Bath furniture. Fronts.	Superficial resistance to typical bathroom cleaning products. Unchanged.	UNE 56867:2002	AIDI-MA
Surface resistance to staining	Unchanged.	UNE EN 438-2:2005 Apdo.23	AIDI-MA



Control of microbial deterioration

Novocanto® Aluminum Antibacterial has a specific coating which protects the initial properties of materials and objects where it's applied, through the control of microbial deterioration. The technology applied to the profile is a volatile compound resistant to high temperatures. Its efficacy extends along the profile's life and doesn't suffer detriment in its activity because it's not eliminated through daily cleaning.



Novocanto® Aluminum Antibacterial prevents, on the surface of its profile, the growth and migration of bacteria, fungi, yeasts and molds, interfering with the gas permeability of the membrane (cellular breathing). In this way, microorganism lose quickly its ability to grow and reproduce, producing its destruction. The probability that microorganisms develop resistance to treatment is very low.

Novocanto® Aluminum Antibacterial is effective against a large number of bacteria among which are: Legionella pneumophila, Escherichia Coli, Salmonella, Staphylococcus Aureus (SARM), Listeria Monocytogenes, Pseudomonas Aeruginosa, Streptococcus Faecalis, Vibrio Parahaemolyticus y Enterobacter Aerogenes.

Installation



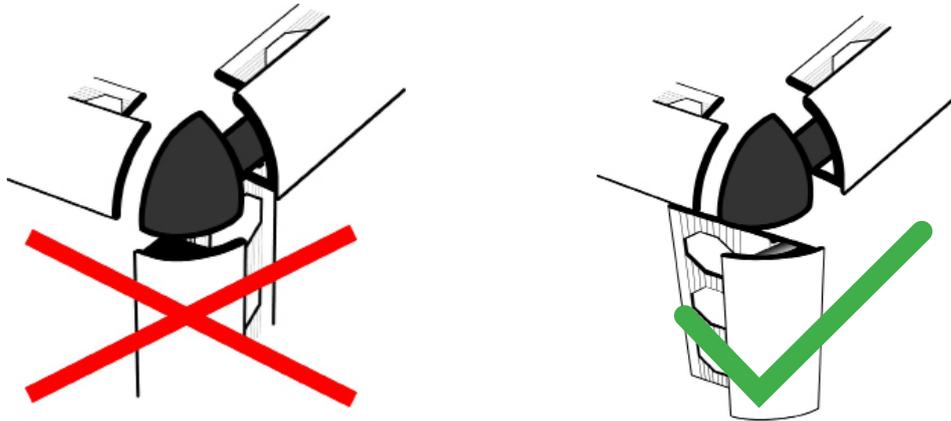
To see the video, capture this image with your mobile phone (QR code reader software is necessary) or click on it.

1. Tile one of the sides of the wall to be tiled. Then, spread a big amount of thin-set mortar on the other side.
2. Place the profile aligned to the corner and press it to let the thin-set mortar pass through the holes on the anchoring wing.
3. Place tiles along the anchoring wing and continue pressing to get an optimal adhesion.
4. Continue tiling the wall.
5. Finally, clean the leftover material, remove the protective film if necessary and let dry.

*See the pictures in the next page



Installation of complementary pieces



Please, be sure you install the complementary pieces by placing the profiles as is shown in the picture above marked as OK and not vice versa.

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. 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.



Indoors



Wall tiling



Recyclable