

Materials

 Stainless steel

Novoescocia® 1 Stainless Steel is a profile made of AISI-304 stainless steel. All material batches are tested with the composition test to determine that they fulfill with the specification of the alloy. Stainless steel used in the Emac® products has been also tested with salt spray test, exceeding 500 hours of exposition without signs of corrosion.

Stainless steel is a highly durable and resistant material, with an excellent superficial appearance that does not degrade along the time. Available in brushed finish. This finish is slightly porous and smooth, making easier the hygiene of the installation.

 Zamak

The complementary piece of Novoescocia® 1 Stainless steel 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.

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

Technical features and tests



Alloy	AISI-304 Composition test of each batch		AIMME
Corrosion resistance	Salt spray test + 504 hours without change (stainless steel)	UNE 112017:92	AIMME

Installation

Please, first of all, clean the surface of Novoescocia® 1 Stainless steel. Then:

1. Introduce abundant fix material on the back surface of Novoescocia® 1 stainless steel. This material could be an adhesive as silicone, polyurethane mastic or other adhesives.
2. Then lean the profile lengthwise against the angle made between the floor and the wall.
3. After this, place the wall and the floor placing them against the profile .
4. Finally, clean carefully the spare material and let it dry.

** In wet areas or places with direct contact with water it is recommended use silicone.*

Cleaning and maintenance

The immediate cleaning of the material after its installation is necessary to avoid that remainings of mortar, concrete or iron particles from wool or tools could cause corrosion.

For indoor applications, you can use water with detergent or liquid soap to remove dirtiness and possible fingerprints marked on the surface. In high brightness finishes, you can use a glass cleaner. There are specific cleaners in the markets for stainless steel which clean the material and reduce possible stains. Whenever you clean stainless steel, ensure you rinse it well and dry totally to prevent fogging.

Steel wool or similar products, are not recommended because they could scratch the surface and create pitting corrosion. Pay special attention while using materials containing chlorides, they are not indicated because could oxidize the material. Hydrochloric acid or iron products in a long contact with the material are neither recommended. Do not use cleaners for common steel for the cleaning of stainless steel.