



## TECHNICAL DATASHEET

# ACRYLIC MORTAR

Acrylic coating for façades

### DESCRIPTION

Acrylic coating as a decorative finish of façades. Rainwater impermeable but water steam permeable. Ageing resistant and ideal for new constructions and restoration of old buildings. Mould resistant.

### RECOMMENDED USE

Synthetic coating mortar, mass-coloured, used for the decoration and the waterproofing of façades (new constructions and restoration of old buildings).

Used on materials made of:

- Traditional mortar.
- Monocoat mortar.
- Smooth concrete.
- Plaster.
- Plates of laminated plaster.
- Paints.
- Synthetic coatings.
- Insulating panels made of expanded polystyrene or mineral wool with a coating mortar.

### CHARACTERISTICS

- . Good resistance, hardness and adhesion.
- . Impermeable and breathable.
- . Mould resistant. It prevents mould and algae stains.
- . Bad weather resistant.
- . Rough rocky appearance.
- . Protection from humidity.
- . Minimum retraction when drying.

### TECHNICAL CHARACTERISTICS

Main component:	Acrylic copolymers in aqueous dispersion.
Pigments:	Pigments and additives. Different grain sizes.
Appearance:	Matt.
Diluent:	Water.
Solids by weight:	82 ± 3 %
Specific weight:	1,92 ± 0,05 g/ml
Volatile organic compounds (2010):	Maximum 40 g/l
Colour:	According to the current price guide.
Dry-to-touch at 20°C:	2-3 hours.
Drying:	Minimum 24 hours, between 5 – 35 °C.
Theoretical yield:	2 kg/m <sup>2</sup> per layer of approx. 1,4 mm.
Packaging:	14 L.



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### **APPLICATION**

#### **1- Previous recommendations:**

- Do not apply when there is a risk of frost, with direct sunstroke, strong wind or rain.
- Protect the upper corners of the coating from rainwater.
- In order to guarantee the colour uniformity, it is advisable to apply for the total amount at once. In any case, do not mix or alter different batches.
- Protect the surroundings of the surface and clean with water any splash before it hardens.
- Use tape to define the working area or intended decorative areas in the façade.
- Adapt the dimension of the work equipment to the extension of the surface, avoiding any junction in the working area.
- Do not interrupt the application once it is started, unless it was intended that way when desired to do a junction.

In case of any doubt, please consult our Technical Department.

#### **2- Surface preparation:**

Generally, all the materials must be resistant, clean, stable, rough, flat, and with a certain degree of absorption and humidity and perfectly hardened.

- On porous materials or with hot weather, it is necessary to moisten previously and wait for the water film to disappear.
- Types and conditions of the materials:
  - o Cement mortar:  
Firm and clean, optimal resistance. It must comply with the retractions typical of the mortar. In case of mechanical projection, moisten after 2 days to avoid desiccation. Smooth in all cases.
  - o Concrete:  
Firm and clean, optimal resistance. It must comply with the retractions typical of the concrete. Avoid the superficial grout and/or concrete release agents by cleaning mechanically or washing with pressure stream of water-additive. Rinse with clean water and let it dry.

#### **3- Final application:**

- The acrylic coating is a ready-to-use product.
- Before its application, stir the content of the packaging mechanically so it is uniform.
- Apply with the trowel or spray gun depending on the desired finish.
- Use a stainless-steel trowel in the working area from bottom to top, making pressure on the material so the layers of the product are uniform. In order to achieve a uniform layer, use the trowel in a vertical and horizontal way.

#### **1ª Trowelling finish:**

- Apply a layer of 1,4 mm and let it dry between 15-30 minutes before trowelling with a plastic or wooden trowel.
- Depending on the desired effect or texture, use a different trowel and circular, vertical or horizontal movements.

#### **2ª Dripping finish:**

- Use a spray gun specially for that finish.
- When the spray gun is used, if necessary, add up to a maximum of 1 litre of water per 15 L packaging.



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### **3ª Flattened dripping finish:**

- Taking the 2º step as a starting point, and with the help of a plastic trowel, etc., flatten the dripping effect.

### **4ª Striped finish:**

- Apply with a spray gun or trowel. Later, by friction with a moistened wooden trowel, drag it in order to achieve the desired effect.

### **4- To avoid:**

- Adapt the dimension of the Surface to coat, avoiding junctions in the working area.
- It is advisable to carry out divisions of 10-15 m2 with a masking tape.
- Do not apply on bad state paints or fragile materials.
- It is not advisable to use it in places where water can be stagnant.
- Do not apply on horizontal surfaces or with an inclination degree lower than 45°.
- The cleaning of the residues of the tools and of the covered surfaces must be done before the hardening of the product.
- The possible hardened remains must be cleaned with solvent.

### **OBSERVATIONS**

The characteristics of the product can be achieved once it is completely dry and hardened, as well as applied on the specified basis.

The use of the product is theoretical, and it depends on the state of the surface. The real use will be determined for each construction work and its representative tests.

The data explained here is based on our current knowledge, laboratory trials and use in a particular situation with subjective opinions.

Due to the impossibility of establishing an appropriate type and state description of each surface, it is impossible to guarantee the total reproduction for a specific use.

The manufacturer and the seller do not assume, except for specific written agreements, any responsibility coming from the use of our products, results, damage, etc., that can be presented in applications carried out according to our recommendations, since they are out of control of the company.

### **STABILITY AND PRESERVATION IN THE CONTAINER**

Preserve in a well-closed container, under cover and in a temperature between 5-30 °C.

The shelf life of the product in its original container and without opening is one year.

### **SAFETY AND ENVIRONMENT**

Special safety measures are not required since it is a water-based product, except for the usual measures. Do not eat. Keep open containers away from children. Keep a good ventilation in case of an indoor application. For more information, see the safety datasheet of the product.

Data indicated in this technical datasheet can be modified without prior notice.

**REVIEW: 03/01/2022**