



## TECHNICAL DATASHEET

# HYBRID POLYURETHANE MEMBRANE

Water-Proofing Liquid Membrane

### **DESCRIPTION**

Elastic membrane for terraces, roofs, roofs, based on aliphatic polyurethane and acrylic copolymer in aqueous dispersion.

### **RECOMMENDED USES**

As a protective waterproofing agent for cementitious or mineral surfaces. Due to its elasticity and waterproofing, it is a highly recommended protection for all those areas that present problems of water and humidity leaks. Recommended for outdoors and for atmospheric and non-immersion uses.

### **CHARACTERISTICS**

- . Excellent adhesion.
- . Fast drying and thorough hardening.
- . Alkalinity resistant.
- . High water resistance.
- . Highly washable and easy to clean.
- . Does not yellow. Partially permeable to water vapour.
- . No smell.
- . Cleaning with water.
- . It does not have superficial stickiness (Tack-Free). Once dry.
- . Great flexibility and elasticity.
- . Maximum shock resistance.
- . It forms a walkable film with a certain resistance to the occasional traffic of people.
- . Easy application even at low temperatures.

### **TECHNICAL FEATURES**

Main component:	Aliphatic polyurethane and acrylic copolymer in aqueous dispersion.
Appearance:	Transparent, white, rust red and grey.
Brightness:	Bright.
Thinner:	Water.
Elasticity:	> 250%, for a layer of at least 300 µm dry.
Transparent specific weight:	1.04 ± 0.05 kg/l
Specific Weight colors:	1.30 ± 0.05 kg/l
Drying:	24-72 hours depending on humidity, temperature and film thickness.
Recommended thickness:	from 300 to 600 µm. Applied in several layers.
Theoretical performance :	0.5 to 1 l/m <sup>2</sup> for 300 to 600 µm.
Mínimum repainting:	24 hours and once it has dried completely.
Packaging:	4 L and 14 L.



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### **APPLICATION**

#### **Surface preparation:**

On new cementitious surfaces (minimum 28 days of setting) or minerals, etc., clean them conveniently to remove traces of dust, grease and dirt. On porous supports it is advisable to use an acrylic fixative such as our FIXER to avoid bubbling and balloon formation. After drying, apply the layers of the HYBRID POLYURETHANE MEMBRANE undiluted. On non-absorbent substrates, it is recommended to do a previous test to check the adhesion. On surfaces that have already been painted, if the paint is in poor condition, it will have to be removed and proceed as in the case of a new surface.

For the painting of other surfaces not contemplated in this technical sheet, contact our Technical Department.

**Do not apply on wet surfaces (<4% humidity) or with a moisture problem until the problem is completely repaired, otherwise whitish spots may appear on the membrane.**

#### **Instructions for use:**

Slowly stir the contents of the container at low revolutions until the product is perfectly homogenized. Let it rest for a few minutes. Always apply to clean, dry surfaces. On horizontal surfaces, spread evenly in a thick layer and without excessively rewinding.

It can be applied with a brush, roller or airless gun. Product to use. It is recommended not to dilute. Apply avoiding pores. Never apply below 5°C or above 35°C, or layers greater than 0.5 l/m<sup>2</sup> per coat to facilitate drying.

### **OBSERVATIONS**

The characteristics of the product are obtained once it is completely dry and cross-linked, as well as applied on the specified substrates. Consumption is theoretical and depends on the condition of the support. The actual consumption must be determined for each particular work by means of representative tests.

The data reviewed here are based on our current knowledge, laboratory tests and on their practical use in specific circumstances through subjective judgments. Due to the impossibility of establishing an appropriate description for each nature and condition of each surface, it is impossible for us to guarantee total reproduction in each specific use.

Both the manufacturer and the seller do not assume, except by specific written agreements, any liability arising from the use of our products, for the results, damages, etc., that they may present in applications made in accordance with our recommendations, since these are beyond the control of the company.

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

Keep the container tightly closed, indoors and at a temperature between 5 and 30°C. Store in a dry place and away from heat sources. Below 5°C the product can become an irreversible gel.

The shelf life of the product in its original and unopened packaging is 18 months. Once opened, the container should be used immediately.

### **SAFETY AND ENVIRONMENT**

No special safety measures are required as it is a water-based product, except for the usual ones. Do not ingest the product. Keep open canisters out of reach of children. Maintain good ventilation in case of indoor application. For more information see product safety data sheet.

The data indicated in this technical sheet may be modified without prior notice.

**REVISION: 01/23/2025**