

# HIDROSTOP ELÁSTICO

ONE COMPONENT ELASTIC WATERPROOFING MEMBRANE

## 1. DESCRIPTION

**HIDROSTOP ELÁSTICO** is a one component elastic membrane based on high-adhesion acrylic emulsions. It is a ready-to-apply product that does not require any additions.

**HIDROSTOP ELÁSTICO** is a product designed for manual application by roller or brush and is available in four colours: white, tile, green and grey.

## 2. FIELD OF USE

**HIDROSTOP ELÁSTICO** is presented as a continuous elastic membrane (600% elongation to rupture), resistant to aging by U.V. and permeable to water vapour. **HIDROSTOP ELÁSTICO**, in its white version reflects up to 70% of solar radiation, thus decreasing the temperature of the structure and thermal stresses in roofs.

**HIDROSTOP ELÁSTICO** is a membrane specially formulated for waterproofing non-accessible roofs, sills and inclined non-pedestrian surfaces.

**HIDROSTOP ELÁSTICO** can be applied on concrete, hydraulic mortars and fibre cement.

## 3. PRODUCT CHARACTERISTICS

Powdered product	Value	Standard
Colour	White, grey, green and tile	-
Density	1,15 ± 0,03 kg/m <sup>3</sup>	-
Viscosity	250 000 ± 50 000 cP	-
Drying time	2-3 hours	-
Theoretical consumption	1,2 kg/m <sup>2</sup> /mm	-
Product after dry	Value	Standard
Aspect	Satin	-
Elongation to rupture	> 600	-
Repainting	24 hours	-

## 4. APPLICATION

### a) Substrate preparation

The substrates must be clean and free of dust, sands, dismantling oils, efflorescences and/or any unstable matters and loose paints that may affect the adhesion.

The surfaces must be regular, completely dry and have a minimum slope of 1.5% to prevent water accumulation.

For new substrates, wait at least 28 days after concrete and screeds application and until their stabilization and complete drying is complete.

Apply the accessories **HIDROSTOP Banda/Canto Interior/Canto Exterior** all special points such as expansion joints, cracks, protruding elements of the roof and floor wall transitions.

Over cracks up to 0.5 mm, they should be treated with **HIDROSTOP Banda** between layers of **HIDROSTOP ELÁSTICO**.

On painted surfaces, brushing and washing should be carried out to eliminate all non adhering paint.

On cementitious substrates the **ISOVIT AD 20** primer should be applied with no dilution and following the indications in the product's technical data sheet.

### b) Preparation of mixture

**HIDROSTOP ELÁSTICO** must be thoroughly stirred until completely homogenized.

### c) Application

**HIDROSTOP ELÁSTICO** must be applied with no dilution using a brush or roller.

Spread **HIDROSTOP ELÁSTICO** evenly in successive layers to a minimum thickness of 1 mm.

Apply the crossed layers at least 24 hours apart.

Apply at least two crossed layers of **HIDROSTOP ELÁSTICO** for areas up to 30 m<sup>2</sup>. For larger areas, apply three crossed layers of **HIDROSTOP ELÁSTICO** incorporating the **MICROART Rede 90** mesh between the first two layers and leaving an overlap of at least 10 cm in the joining of mesh strips.

### d) Restrictions

**HIDROSTOP ELÁSTICO** should not be applied at ambient and substrate temperatures below 10°C and above 30°C or in case of rain forecast during and up to 48 hours after application.

Low temperatures and high relative humidity delay the drying of the **HIDROSTOP ELÁSTICO**.

Especially in thick layers, delay in drying may result in an incomplete film, with reduced elasticity, increasing the risk of cracks in the coating.

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## e) Complementary Advices

- Do not add any other products to the solution. **HIDROSTOP ELÁSTICO** should be applied as it is shown in its original packaging;
- Waterproofing solutions must be carefully considered to define the most appropriate system for each situation taking into account the degree of exposure to water, expected load, soil, water and construction characteristics;
- Clean the tools with water.

## 5. PACKAGING AND VALIDITY

### Packaging

Buckets of 5 and 15 kg in plasticized pallets of 64 and 33 buckets respectively.

### Validity

24 months provided the conditions of the original packaging remain unaltered and in good storage conditions, protected from extreme temperature and humidity.

## 6. HEALTH AND SAFETY

(DOES NOT REPLACE CONSULTATION OF THE PRODUCT SAFETY DATA SHEET)

- May cause an allergic skin reaction.
- Harmful to aquatic life with long lasting effects.
- If it is necessary to see a doctor, show him the package or the label.
- Keep out of children's reach.
- Use protective gloves / protective clothing / eye protection / face protection. In case of inadequate ventilation, use respiratory protection.
- Wash contaminated clothing before using it again.
- IF IT COMES IN CONTACT WITH SKIN (or hair): immediately remove all contaminated clothing. Wash with plenty of soap and water. Contact an ANTIVENOUS INFORMATION CENTER or a doctor.
- Avoid releasing it to the environment. Dispose of the contents and / or the container with every possible precaution.

*Being the conditions of applying our products out of our reach we do not take responsibility for its misuse. It is the customer's duty to verify the suitability of the product for the intended purpose. In any case, our responsibility is limited to the value of the goods supplied by us. The information contained in the present data sheet may be altered without prior notice. In case of doubt and if you need any further advice please contact our Technical Services.*

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