

1. DESCRIPTION

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

HIDROSTOP ELÁSTICO FIBRAS 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 FIBRAS is presented as a continuous elastic membrane, resistant to aging by U.V., impermeable, and permeable to water vapour, ready to receive traffic (light and sporadic traffic). The addition of fibres increases the tenacity of the waterproofing material, making it more resistant.

HIDROSTOP ELÁSTICO FIBRAS is a membrane specially formulated for waterproofing roofs with reduced use accessibility, platbands and inclined surfaces with reduced pedestrian access.

HIDROSTOP ELÁSTICO FIBRAS can be applied on concrete, hydraulic mortars and fibre cement. **HIDROSTOP ELÁSTICO FIBRAS** in its white version reflects up to 70% of solar radiation, thus decreasing the temperature of the structure and thermal stresses in roofs.

3. PRODUCT CHARACTERISTICS

Powdered product	Value
Colour	White, grey, green and tile
Density	1,20 ± 0,05 kg/m ³
Viscosity	135 ± 5 KU
Drying time (approx.)	3 hours
Theoretical consumption	1,2 kg/m ² /mm
Product after dry	Value
Aspect	Satin
Elongation to rupture	≈ 300 %
Repainting	24 hours

4. APPLICATION

a) Substrate preparation

The substrates must be clean and free of dust, sands, release 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 for concrete and screeds full stabilization and complete drying.

Apply the accessories **HIDROSTOP BANDA / CANTO INTERIOR / CANTO EXTERIOR** in all special points such as expansion joints, cracks, protruding elements of the roof and floor wall transitions.

Cracks of up to 0.5 mm must be treated with **HIDROSTOP BANDA** between layers of **HIDROSTOP ELÁSTICO FIBRAS**.

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 completing the scheme with the application with two coats.

b) Preparation of mixture

HIDROSTOP ELÁSTICO FIBRAS 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 FIBRAS** evenly in successive layers. Recommended application thickness varies between 1.0 to 1.5 mm.

Apply the two coats of product with no dilution. Apply the crossed coats at least 24 hours apart.

d) Restrictions

HIDROSTOP ELÁSTICO FIBRAS 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 FIBRAS**.

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

e) Complementary Advices

- Do not add any other products to the solution. **HIDRO ELÁSTICO FIBRAS** 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

12 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.
- 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;
- IF IT COMES IN CONTACT WITH SKIN: Wash with plenty of soap and water.
- In case of skin irritation or rash: see a doctor.
- Dispose of the contents / or the container at a collection point for hazardous or special waste.

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.

Revision of January 2019
FT.04004.02 EN