



## TECHNICAL DATASHEET

# WATER-REPELLENT FLUID

**Water-based invisible water-repellent fluid (It does not create a film)**

### **DESCRIPTION**

Water-repellent sealing fluid for water-based construction and insulating materials that do not create a film once they are dry.

### **RECOMMENDED USE**

To seal all types of construction materials (concrete, stone, sandstone, tiles, bricks, clay, etc.) and insulating materials (perlite, vermiculite and aerated concrete) in the outdoors due to its alkalinity resistance and absorption. Its silicone content provides protection during civil engineering projects, preserving old and new constructions and protecting them from bad weather and structural damages. It is also used to apply on already painted surfaces with plaster or plastic paint making them water-repellent.

It is not advisable for non-absorbent surfaces.

### **CHARACTERISTICS**

- . Long-term water-repellent product.
- . It does not change the colour of the material.
- . Quick-drying and hardening. No stickiness.
- . Impermeable and breathable. Protection from humidity.
- . Mould resistant. It prevents fungus and algae stains.
- . Excellent water-steam permeability. Water and humidity resistant.
- . It is not sticky. It does not affect the porosity of the surface or the material (it does not create a film).
- . Odourless. It can be washed with water.
- . It avoids salts and efflorescence, extending the shelf life of the product.
- . It reduces dirt. High self-cleaning ability.
- . Water-repellent but it allows water steam diffusion.
- . It can be repainted with water-based plastic paints.

### **TECHNICAL CHARACTERISTICS**

Main component:	Solution made of a polysiloxane emulsion.
Appearance:	Invisible.
Diluent:	Water.
Solids by weight:	5 ± 1 %
Specific weight:	1,0 + 0,05 g/ml
Colour:	Colourless.
Drying:	15-30 minutes.
Repainting:	Moist over moist.
Theoretical yield:	8-12 m <sup>2</sup> /l and coat depending on the state of the material.
Packaging:	1 L, 5 L and 25 L.



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### **APPLICATION**

#### **Surface preparation:**

On cement, concrete, if the surface is new, the application must wait minimum 28 days to make sure the concrete or cement is completely dry. Later, wash with a hydrochloric acid solution at 10 % in water and rinse with water. Let it dry before applying the product. In any case, the surface must be clean and free of any dust, grease or anything that could affect the adhesion between the pavement and the product.

To paint other surfaces not specified in this Technical Datasheet, consult our Technical Department.

#### **Instructions:**

Stir the content until it is uniform. Do not dilute the product. It can be applied with brush, roller or by pulverisation or immersion. It is advisable to apply a layer saturating the surface and then a second coat when the first coat has been absorbed but without waiting to be dry (moist over moist). Before applying the product, windows, crystals, etc. must be covered in all those surfaces that are not absorbent, since the product dries quickly and once it is dry, it is impossible to remove the stains.

Never apply under 5°C or above 35°C or when rain, high humidity, mist, frost, etc. are expected.

### **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**