

WP 55



Silicone Based Protective Water Repellent Coating for "Facades" of Renders, Concretes, Stones and Tiles

WP 55 is a protective water repellent coating based on complex siloxanes in solvent which reacts with the surface of the building materials to form a very strong, resistant chemical bond, which will last for many years.

Uses

Waterproofing treatments on renders, concrete, stones, brick "facades" or any other porous substrates.

Properties

| | |
|--------------------------|--|
| Aspect | Liquid |
| Colour | Colourless, Slightly Opaque |
| Smell | Of Solvent |
| Density | 0.85-0.89 gm/cc |
| Flash Point | Approx. 40°C |
| Solubility | Not soluble in water, but soluble in most frequently used organic solvents |
| Consumption | 0.1-0.5 ltr/m ² depending on the porosity of the substrate |
| Penetration Depth | 4-5 mm |
| Water Absorption | <5% |

Instructions for Use

Preparation of the Substrate

The substrates must be cleaned from all dirt, algae, moulds and free from substances which can affect adhesion (like oil, fat, waxes, etc.). Remove eventually damaged areas, and fill cracks or joints > 0.3 mm. Smaller cavities and cracks will be waterproofed by the product itself. In cases there is efflorescence on the substrate, contact our Technical Department for additional advice. It is always advisable to make a preliminary localized test to verify the aesthetical point of view and the suitability of the surface.

Method of Application

WP 55 can easily be applied by spraying or roller. Apply always 'wet on wet' till sufficient level of penetration is obtained. In normal climatic conditions the drying time will be about 2 hours. Clean the tools after application with turpentine.

The product must be always applied on dry surfaces (maximum humidity allowed: 5 %).

Characteristics

- The water repellent properties are active as soon as the product is dry.
- The treatment makes most substrates water repellent, but does not stop the passage of water vapour. Water vapour will still migrate, leaving a dry and hygienic building.
- The substrates treated will remain water repellent for many years. The life time of the application depends on the quality and quantity of salts present in the substrate, and the activity of the water (in the case of strong exposure to water, it is advisable to use the product TECNOSOLID 82).
- Reduces or eliminates superficial dirt on the treated substrate.

Limitations

- WP 55 is not advisable for the waterproofing of gypsum plates.
- Substrates treated with WP 55 cannot be overcoated by any water based paint.

Health & Safety Instructions

- The product is inflammable: do not smoke, avoid working in the vicinity of flames or heat sources.
- Apply only in well ventilated areas. Do not inhale the vapours and aerosols, and use adequate respiratory protection.
- Read carefully the instructions on the packaging.

Storage

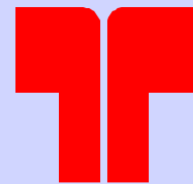
Shelf life

12 months in the unopened original packaging, stored in a dry and protected area, at temperatures between +5°C and +30°C.

Packing

Cans of 5 ltr and 20 ltr.

Coverage: 4.5-9 m²/ltr



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