

HYDROPROOF H 242

Aqueous emulsion of functional silicone resin

CHARACTERISTIC

Appearance: White liquid
Density: approx. 1 g/cm³
pH: 5 ± 1
Active content: approx. 55%.
Stability and storage: 12 months when stored in original packaging. Storage temperature is between 5 and 40 °C

PROPERTIES

HYDROPROOF H 242 is a functional silicone resin water emulsion for water-repellent impregnation of any mineral substrate.

HYDROPROOF H 242 has the following properties:

- is suitable for water-repellent impregnation of porous and mineral substrates
- has excellent alkali resistance
- provides an excellent surface beading effect
- does not create sticky silicone film formation
- offers invisible, water vapour permeable protection
- reduces the absorption of water-soluble pollutants (e.g. chlorides)
- protects cracks up to 0.3 mm

APPLICATION AND DOSAGE

For most applications, a concentration of 5% (1 part **HYDROPROOF H 242** + 19 parts water) to 20% (1 part **HYDROPROOF H 242** + 4 parts water) in demineralised water is recommended. The amount

of **HYDROPROOF H 242** to be applied and the concentration to be used depend strongly on the absorption of the substrate.

The substrates to be treated must be dry and clean. Acceptable methods for cleaning surfaces include sandblasting and pressure washers. During application, outdoor and surface temperatures must be between +5 °C and +40 °C. **HYDROPROOF H 242** should not be applied in strong wind or rain.

HYDROPROOF H 242 is generally applied by means of airless pumping devices. The material must not be sprayed. **HYDROPROOF H 242** can be applied by brush or roller but application is difficult due to the low viscosity of the product.

The water-repellent effect of **HYDROPROOF H 242** generally develops within a few minutes. In the case of low temperatures, the time may be longer.

A substrate that is already water-repellent no longer allows the penetration of any reapplied silane/siloxane water emulsion.

Non-absorbent substrates such as window frames, window sills, plastic fittings, window panes, etc. must be covered before application. Surfaces that come into accidental contact with **HYDROPROOF H 242** can be cleaned with alcohol (isopropyl or ethyl) or aqueous soap solution. Cleaning should be carried out as quickly as possible, otherwise the formation of a silicone resin film may make cleaning more difficult. Silicone resin films are best removed with ethanol (or turpentine). Plants should be protected from overspray.

A preliminary test is recommended before the first application.