

HYDROPROOF H 250 B

Aqueous emulsion of organofunctional silane/siloxane

CHARACTERISTIC

Aspect:	White liquid
Density:	approx. 0.95 g/cm ³
pH:	7,5 ± 1
Active Content:	Approx 50 %
Stability and storage:	12 months when stored in originally sealed containers. Storage temperature are between 5 and 40°C

PROPERTIES

HYDROPROOF H 250 B is an aqueous emulsion based on organofunctional silanes and siloxane for the water repellent impregnation with good beading effect of absorbent mineral substrates.

HYDROPROOF H 250 B have the following properties:

- good beading effect
- shows very high reactivity and resistance against alkali
- penetrates deeply in porous, mineral substrates
- shows no formation of sticky silicone films
- gives invisible and water vapor permeable protection
- reduces significantly the uptake of water
- reduces the uptake of water-soluble pollutants (e.g. chlorides)
- protects cracks of up to 0,3 mm

APPLICATION AND DOSAGE

For most applications we recommend an active substance content of 5-10% (dilute the product in

the ratio 1:9 to 1:19) in demineralized water. The amount **HYDROPROOF H 250 B** to be applied and the concentration to be used are highly depending on the absorbance of the substrate and the desired penetration depth. Very absorbent substrates may require up to 1 l/m² of **HYDROPROOF H 250 B**.

The substrates to be treated should be dry and clean. During application outside temperatures and surfaces temperatures should be between +5 °C and +40 °C. **HYDROPROOF H 250 B** should not be applied during strong wind or rain.

HYDROPROOF H 250 B can be applied by airless pumping equipment, brush or roll and should be applied wet-on-wet to the saturation point.

A substrate which has already been made water-repellent no longer allows a penetration of any reapplied aqueous silane/siloxane emulsion.

Non-absorbent substrates such as window frames, window sills, plastic fittings, window glass, etc., should be covered before application. Surfaces which accidentally come into contact with **HYDROPROOF H 250 B** can be cleaned with alcohol (spirit) or aqueous soap solution. Cleaning should be carried out as quickly as possible (within a few hours) Plant life should be protected from the treatment.

TECHNICAL SERVICE

This technical information does not replace the relevant safety data sheet. All technical information is based on practical experience. It is generally not mandatory as practical conditions vary. Users should run their own tests. As the use of this product is beyond our control, we only accept responsibility for its consistent quality.