

W9

WATER REPELLENT

WATER REPELLENT FOR BUILDING FACADE

WATERPROOFING

Water Repellent w9 is an emulsion, ready for use, silane / siloxane combination based, water repellent impregnation.

USES

For making facades water repellent and protecting buildings against water ingress. Water repellent w9 can be applied on concrete, mortar, masonry, brick, stone, asbestos cement.

CHARACTERISTICS / ADVANTAGES

- Strong water repellent capability
- Allows the substrate to breathe (vapour permeable).
- Treatment is usually invisible without changing the substrate aspect.
- Due to the reduction of water absorption, it improves the resistance of facades to stain and dirt pick and helps the reduction of moss and lichen growth
- Can be over coated with suitable paints and coatings.
- Ready to use.
- Water based environmental friendly

PRODUCT INFORMATION

Composition	Silane/siloxane combination
Packaging	20 kg pail
Appearance / Colour	White liquid
Shelf Life	12 months from date of production
Storage Conditions	Store in dry and cool conditions. Protect from moisture and frost
Density	~1.03 g/cm ³ (at +25 °C)

TECHNICAL INFORMATION

APPLICATION INFORMATION

Consumption	Dependent on substrate porosity: On mortar: ~ 150–200 g/m ² On other porous materials: ~ 300–500 g/m ² (A test is necessary to determine the exact consumption)
Waiting time	Can be overcoated with water and solvent based polymer paints - contact the paint manufacturer for details. For overcoating with Polywed Emulsion or solvent based coating, wait at least 5 hours after the hydrophobic impregnation.

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APPLICATION INSTRUCTION

CONSIDERATION

Cement based substrates must be at least seven days old.

- Protect glass surfaces and aluminium frames (possibility of surface damage / staining).
- Test on a sample surface before use. Cannot be overcoated with limewash or cementitious coatings.
- On all substrates, the optimum water repellent capability is achieved after a few days.
- Protect from rain for at least 3 hours after applying. Water repellency is significantly reduced if the substrate is cracked.
- Refer to the method statement for detailed application procedure.

PRE-TREATMENT

Clean, sound, free of dust, dirt, oils and grease, efflorescence and old paint coatings etc. Cracks of more than 300 µm must be repaired first prior to carry out the hydrophobic treatment. Cleaning should be done with suitable detergent or by light steam or blast cleaning. Best results are obtained on dry, very absorbent substrates – allow enough time for the substrate to dry out after surface preparation. The substrate must look dry with no damp patches.

APPLICATION

Water repellent w9 is applied with a conventional low pressure spray, brush or roller, in various passes wet on wet from bottom up taking care not to let the product run until saturation of the substrate is reached.

CLEANING OF TOOLS

Remove excess acrylic sealant and clean tools immediately after application, using soapy water.

- Cured material can be removed mechanically i.e. with a sharp knife.

BASIS OF PRODUCT DATA

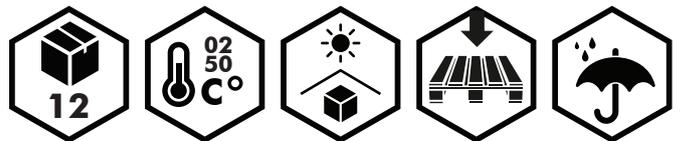
All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent MSDS containing all the details.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application.



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