

SILPRO WR8

Silicone Base Water Repellent



An Industrial Care
Company

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Technical Data Sheet

PRODUCT DESCRIPTION

SILPRO WR8 is a solvent containing construction chemical based on silane / siloxanes based water repellent chemical for a colorless and water repellent impregnation of mineralic construction materials. SILPRO WR8 is applied onto the construction and absorbed by capillarity. It is transformed into the water repellent siloxane under the influence of moisture. SILPRO WR8 is ready for use.

ADVANTAGES:

- Applicable on slightly moist surfaces.
- Quick formation of a water-repellent effect – therefore fast pelting rain proof.
- Dry tack-free – not subject to dirtiness.
- Low molecular weight – high penetration depth.
- Large alkyl groups – therefore suitable for highly alkaline construction chemicals.

AREAS OF APPLICATION:

SILPRO WR8 is a recommended for moisture protection of facades or strongly inclined areas. Test on objects before use. General remarks concerning impregnation of different construction materials with SILPRO WR8:

Excellent

Porous concrete, bricks, lime sand stone, mineral plaster, mineralic paint.

Good

Concrete, cement bonded artificial stone, asbestos cement.

Limited Suitable

Plastic resin plaster

Not suitable

Gypsum, plastic resin paints

TECHNICAL DATA

Basis: Silane / Siloxane

Color: Colorless

Specific Gravity: Approx 0.78 g/ml

Cleaning: Clean tools immediately after use with Thinner No. 7

Consumption: Between 100 – 1,000 ml/ m²

Examples:

Concrete: 50 – 500 ml/ m²

Plaster: 500 – 800 ml/ m²

Porous concrete: 500 – 1,000 ml/ m²

Storage: 12 months in close packs.

SURFACE PREPARATION

The dry or slight moist surface has to be in a flawless condition. Defects have to be removed in advance. Water and in water soluble material must not get behind the hydrophobized area. If damaging salts are present, a laboratory analysis is necessary.

The impregnated construction materials have to be open-cell. Adjoining areas like windows, painted areas or areas to paint or glass has to be protected with a PE-foil as well as plantation. Construction parts which will be affected by solvents like polystyrene, mastics, bitumen, and latex must not be treated with SILPRO WR8.

Coated surfaces

Clean, dry and undamaged compatible primer. Contact your local Patsa office for more information.

Other surfaces

The coating may be used on other substrates. Please contact your local Patsa office for more information.



PRODUCTION PREPARATION

The ready for use SILPROWR8 is applied onto the construction material by means of spraying and brushing. Application is effected in one or several layers that all have to be saturated and even. Generally, the surface is to be impregnated twice wet in wet. Best impregnation effects are achieved on slightly moist and absorbing surfaces.

IMPORTANT ADVICES

- Please pay attention to the safety data sheet.
- Protect areas not to be treated. Glass, metals and window frames may be attacked by SILPROWR8.
- SILPROWR8 is harmful.

IMPORTANT NOTICE

These products are sold subject only to the expressed warranties contained herein. Additional warranties, expressed or implied, and any warranty of merchant ability is hereby excluded. Buyer agrees that seller assumes no liability for consequential damages of any kind, which result from the use or misuse of the merchandise sold hereunder. In the event that the buyer proves that any goods received do not conform to the specifications agreed to between the parties or if the buyer proves that such goods were defectively manufactured. The buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the non-conforming goods at the option of the seller. Such remedy being exclusive of all others and the sole remedy available to the buyer, hereby expressly waives any claim to additional damages.



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