

Silpro WR8

Silicone Base Water Repellent



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PROPERTIES

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

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

AREAS OF APPLICATION

SILPRO WR8 is 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
Colour:	Colourless
Specific Gravity:	Approx 0.78 g/ml
Cleaning:	Clean tools immediately after use with Thinner No. 7
Consumption:	Between 100 – 1,000 ml/m ²

Examples:

Concrete:	50 – 500 ml/m ²
Plaster:	500 – 800 ml/m ²
Porous concrete:	500 – 1,000 ml/m ²
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 may 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 SILPRO WR8 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 SILPRO WR8.
- SILPRO WR8 is harmful.