



Technical Data Sheet Art. No. 0642

Impregnation Primer

Low molecular alkyl alkoxy siloxane



Solvent based



For use outdoors



Working temperature
+30 °C
+5 °C



Brush/roller
low pressure
spraying



Total application rate
200-400 ml
Total
100
Total



Store frost-free
and cool,
protected from
moisture in
closed containers



Shelf-life
24 Month

Range of use

To be used as an impregnation primer for mineral, sound substrates. Impregnation Primer should not be used on synthetic resin or dispersion based old coatings (swelling, blistering) or on bonded heat insulation systems. The product cannot be mixed with water.

Property profile

Impregnation Primer is a reactive, oligomer siloxane solution for water repellent priming of mineral building materials subsequently coated with Silicone Resin Paint LA, Concrete Acrylic and other synthetic resin bound coating systems.

Remmers Impregnation Primer is distinguished by high alkali resistance, i.e. the substrate to be primed may show a pH value of up to 14 without negatively influencing the effect of the primer. Because of its low molecular structure in the packaged state, Remmers Impregnation Primer has very good penetration capacity.

Characteristic data of the product

Characteristic data of the product in the packaged state:

Siloxane content:	approx. 3.5% by mass
Carrier agent:	alcohol - water-free (cannot be mixed with water)
Density:	approx. 0.8 g/cm ³
Flash point:	approx. 22° C.
Appearance:	clear liquid

Characteristic data after activation:

Water absorption:	very low
UV resistance:	very good
Weathering resistance:	very good
Long term water repelling effect:	very good
Alkali resistance:	given up to pH 14
Tack-free drying:	given
Tendency to soil:	very low
Toxicity:	physiologically safe after reaction

Furthermore, a well-functioning primer protects the coating of paint against the penetration of moisture and noxious substances dissolved in the moisture. The adhesion of the coating system to the substrate is improved and soil deposits, especially in hair cracks, are prevented. Moisture does not penetrate since in longer periods of alternating loads (rain, evaporation), the evaporation rate is higher

than the amount of moisture absorbed.

After application, the effective ingredient is deposited on the capillary and pore walls as a macromolecular layer without noticeably influencing the water vapour diffusion capacity of the primed building material.

Substrate

The mineral substrates must be dry, load-bearing and free of soiling, infestation (alga, moss and lichen), cracks (> 0.2 mm) and substances with a separating effect.

Directions

Apply with a brush, roller or flow coating procedure using low pressure spraying equipment. Object and ambient temperature should be at least +5 °C and max. +30 °C.

Tools, cleaning

Brush, roller, low pressure spraying equipment, mechanical pumps. Clean tools with V 101 Thinner.

Packaging, application rate, storage

Packaging:

5 l, 30 l and 200 l tin containers

Application rate:

0.2 - 0.4 litres/m² depending on the absorption capacity of the substrate.

Shelf-life:

At least 2 years in closed, original containers, stored cool but frost-free.

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as on disposal and ecology is found in the latest Safety Data Sheet.

Personal protective equipment required when sprayed. Use respiratory equipment with a combination filter at least A/P2 (made by e.g. Draeger). For suitable protective gloves, see Safety Data Sheet. Wear closed work clothes.



The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.



Remmers (UK) Limited Crawley
United Kingdom
Tel: +44 (0) 1293 594 010
Fax: +44 (0) 1293 594 037
www.remmers.co.uk