

## Technical Information Sheet Article No. 0560

# Silicone Resin Brush-On Render

Quartzous filled, water-dilutable, siloxane emulsion paint.

### Range of use

Because of its characteristic properties, Silicone Resin Brush-On Render is suitable for water repelling, highly water vapour permeable, protective coatings on cementitious building materials, especially when used in combination with Impregnation Primer. It is also used as a primer on silicate, silicone and matt, load-bearing dispersion paint coatings. It can also be used as a filling intermediate coating for levelling differing roughness on smooth render surfaces (so-called render pockets).  
Please observe: VOB [German Contract Procedure in the Building Industry], part C, DIN 18363, paragraph 2 and 3, as well as BFS [German Federal Committee for Paint and the Protection of Material Assets) Codes of Practice for the respective work areas. This product is not suitable for working over plastic, thermoplastic and elastic coating systems. These systems must be completely removed beforehand.

### Substrates

Substrates must be load-bearing capable, free of soiling, micro-organism infestation (alga, moss, etc.), cracks and substances with a parting effect.

### Characteristic data of the product

#### Characteristic data of the product in the packaged state

Binder:	silicone resin emulsion	
Pigments:	light-proof, alkali resistant oxide pigments	
Extender:	cementitious fillers	
Density:	1.50 g/cm <sup>3</sup>	
Viscosity (20°C):	approx. 4000 mPa·s	
Thinning agent:	water	
Colours:	Basic colour - white Tinting is only possible with Silicone Paint LA using a max. of 10% by mass.	

#### Characteristic data of the coating

Water vapour permeability according to DIN EN ISO 7783-2:	$S_d \leq 0.05 \text{ m}$
Water absorbency coefficient according to DIN EN ISO 1062-3:	$w = \leq 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$
Degree of gloss:	matt, mineral character
Surface structure:	rough
Weathering resistance:	very good

### Working

#### Priming:

a) Prime load-bearing capable, untreated, cementitious substrates with Impregnation Primer. Application rate: 0.2 - 0.4 l/m<sup>2</sup>, dependent on the absorbency of the substrate.

b) Treat weathered, silicate paint coatings, sanding, untreated, cementitious substrates with Primer SV or, as an alternative, with Hydro Deep Primer. Application rate: 0.25 l/m<sup>2</sup> and

more, dependent on the condition of the substrate, for one or multiple applications.

c) Load-bearing, weathered, matt dispersion and silicone paints as well as synthetic resin renders and bonded heat insulation systems should not be primed if possible. Filling: If unevenness must be levelled, fill with Silicone Resin Filler.

### Intermediate coating:

To even the structure of the substrate or to increase roughness on smooth substrates use Silicone Resin Brush-On Render.

Application rate: approx. 0.3 kg/m<sup>2</sup> for smooth substrates and approx. 0.4 kg/m<sup>2</sup> for structured coatings.

It is possible to slurry static cracks < 0.3 mm width with Silicone Resin Brush-On Render and close the cracks in one application.

### Finishing coat:

On structured intermediate coatings made of Silicone Resin Brush-On Render, apply one to two finishing coats of Silicone Paint LA in the desired colour.

Application rate: approx. 0.2 l/m<sup>2</sup> per coat.

If desired Silicon Resin Brush-On Render can be used as a finish coat. Application rate: approx. 0.3 kg/m<sup>2</sup>.

### Notes

A drying time of at least 5-6 hours between individual working operations should be observed, dependent on ambient conditions. Do not use in strong, direct sunlight, rain or at object temperatures below +5°C or above +25°C. Stir well before using!!

### Tools and Cleaning

Brush, lamb-skin roller.  
Clean tools and stains or splashes while fresh with water.

### Packaging, application rate, shelf-life

#### Packaging:

20 kg plastic containers

#### Application rate:

The amounts required vary and depend on the absorbency and structure of the substrate. Exact rates must be determined on a trial area. Larger, continuous surfaces should be coated at one time, wet-on-wet, to avoid streaks/seams.

#### Shelf-life:

At least 12 months stored frost-free in original, unopened containers.

### Safety, ecology, disposal

Further information concerning safety during transport, storage and handling as well as for disposal is found in the latest Safety Data Sheet.

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.

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