

Silicone Resin Facade Paint Ratio

Product description:

High-quality, water-repellant and permeable silicone resin facade paint for outdoor use with protection against premature algae growth and fungal infestation. Specifically optimized for rational, mechanical application with MEGA Quick & Easy 4.0 as well as excellent manual application properties.

Application:

Outdoors. Can be used on all common mineral surfaces as well as viable old coatings based on silicate and matte synthetic resin dispersions. Do not use on permanently elastic facade coatings.

Properties:

- weatherproof according to VOB, Part C, DIN 18 363
- highly water-repellant
- highly diffusible
- alkali-resistant und non-ageing
- microporous
- film preserved (not susceptible to mildew, moss and algae growth)
- excellent coverage
- low-stress
- pleasant degree of whiteness
- sprayable with Quick & Easy 4.0
- rational and quick
- excellent application properties with both paintbrush and roller
- low-overspray

Technical specifications according to DIN EN 1062:

Gloss: matte	G3
Dry film thickness: 100 - 200 µm	E3
Max. grain size: <100 µm	S1
Water vapour permeability (sd value): <0.14 m (high)	V1
Water permeability (w value): <0.1 [kg/(m ² · h 0.5)] (low)	W3
Class B according to BFS 26/group 1 to 3 (depending on shade of colour)	

These specifications apply to white goods. Variations are possible if tinted.

Binding agent:

Silicone resin emulsion/acrylic dispersion

Spec. weight:

Approx. 1.5 kg/l

Gloss level:

matte

Shade of colour:

White and can be tinted using the MEGA Mix paint mix service.

Packaging size:

5 l, 12.5 l

Application:

The material can be applied with a paintbrush, roller and with Quick & Easy 4.0. Do not apply in direct sunlight, strong winds or to warm surfaces.

Please observe:

The effect of the film preservative used depends on the construction of the building, the ambient temperature and adherence to the specified coating system. The effect is temporary. Always coat coherent surfaces in the same application procedure (manually or mechanically) due to possible colour differences.

Surface:

The surfaces must be viable, firm, dry, free of contamination, efflorescence, discolouration, fungal infestation, sinter layers, fine-grain layers and separating substances. Existing old coatings must be checked for suitability, adherence and bearing capacity. Please observe VOB, Part C, DIN 18363, sec. 3 and the respective BFS Bulletins. Non-adherent old layers of paint must be completely removed. Creating sample surfaces before beginning with the work is recommended, to check the adherence and the appearance of the surface. Pretreat highly or variably absorbent surfaces with MEGA 207 Quick & Easy Ratio Primer Thix. Prime poorly absorbent surfaces with MEGA 253 Primer WP plus.

Technical specifications

Dilution:

The primer is ready to be applied using a sprayer or roller. The properties can change if diluted.

Cleaning the tools:

Clean immediately after use using water and soap.

Drying process:

Paintable after approx. 4 - 5 hours at +20 °C air and surface temperature and 65 % relative humidity. Accordingly longer at lower temperatures and higher humidity.

Consumption:

Approx. 150 - 200 ml/m² for one coat. For a precise calculation, applying a test coat to the object is the best assurance. Two coats are required outdoors, to maintain the warranted properties.

Airless spraying:

With the MEGA airless sprayer Quick & Easy 4.0.

With conventional airless sprayers:

Nozzle:	0.019 - 0.021 inch
Dynamic pressure:	190 bars
Spray pressure:	160 bars
Spraying angle:	approx. 50°
Mesh size:	60 mesh

General information

Processing temperature:

Between +5 °C and +30 °C during application and drying for air and surface.

Storage:

Cool however, frost-free. Seal opened containers tightly and use up as soon as possible. Can be stored for at least 24 months unopened.

Declaration of ingredients according to VdL directive 01 (Germany):

Polyacrylic resin, polysiloxane, calcium carbonate, silicates, titanium dioxide, mineral pigments/fillers, water, glycol ethers, additives, film preservatives, preservative

Information on disposal:

Give liquid material residues to the collection point for old paints/varnishes, dispose of dried up material residues as construction or demolition waste or as residential waste or household waste.

EU threshold value for this product:

Product category: A/c
40 g/l VOC (2010)
This product contains < 20 g/l VOC.

GISCODE:

BSW50

WHC 1:

Slightly hazardous to water

Observe the safety data sheet!

