

Siloxane Facade Paint

Product description:

MEGA 405 Siloxane Facade Paint is a high-quality, water vapour permeable silicone resin facade paint that is resistant to driving rain and for outdoor use.

Application:

For high-quality facade coatings. Can be used on all common mineral surfaces as well as old coatings based on silicate and matte synthetic resin dispersion. Do not use on permanently elastic facade coatings.

Properties:

- weatherproof according to VOB, Part C, DIN 18363
- water-repellant
- alkali-resistant und non-ageing
- microporous
- water-dilutable
- not film-forming
- not thermoplastic
- excellent application properties
- not susceptible to mildew, moss and algae growth
- excellent coverage
- low-stress

Important information:

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.

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 (s_d value): <0.14 m high	V1
Water permeability (w value): <0.1 [kg/(m ² · h ^{0.5})] low	W3

Binding agent basis:

Silicone resin emulsion/acrylic dispersion in water

Spec. weight:

Approx. 1.50 kg/l

Gloss level:

Dull matte according to EN 13 300

Shade of colour:

White Wide range of colours using the MEGA Mix paint mix service.

Packaging size:

12.5 l

Application:

MEGA 405 Siloxane Facade Paint can be applied using a paintbrush, paint roller or an airless device.

Surface:

The surface must be clean, dry and viable. Non-adherent old layers of paint must be completely removed.

Please observe the guidelines of the VOB, Part C, DIN 18 363, sec. 2 and 3 as well as the respective BFS Bulletins. Sandy or highly absorbent surfaces must be pretreated with MEGA 220 Penetrating Primer TB or MEGA 205 Siloxane Primer. Prime poorly absorbent surfaces with MEGA 253 Primer WP.

Fresh plasters:

Allow fresh plasters to dry for at least 2 to 4 weeks untreated, depending on the season and temperature conditions. Allow mineral lightweight plasters and lime plasters CSI >1.0 N/mm² (P Ic) to dry for at least 4 weeks untreated.

Coating system:

Sandy and highly absorbent surfaces must be primed 1 - 2 times with MEGA 220 Penetrating Primer TB. The solvent-free and water-dilutable MEGA 205 Siloxane Primer can be used for full thermal insulation systems. Prime poorly absorbent surfaces with MEGA 253 Siloxane Primer WP Plus.

Intermediate and finishing coat:

Each with MEGA 405 Siloxane Facade Paint.

Technical specifications

Dilution:

With water; max. of 10 %.

Tinting:

Can be mixed with suitable siloxane, silicone, full tone and tinting paints.

Cleaning the tools:

Clean immediately after use using water.

Drying process:

Surface dry after several hours in dry, warm air (DIN 50 014/23 °C/50 % rel. humidity). A minimum drying time of 12 h is required before the surface is paintable. Observe a respectively longer drying time in the case of cool, damp weather conditions.

Consumption:

Approx. 300 - 400 ml/m² (guideline for 2 coats). Determine exact consumption data with a sample coat on the object.

General information

Please observe:

The work must be conducted taking the current rules and standards as well as the respectively current technical bulletins into consideration. Tinting can result in variations in the technical specifications. Marks caused by repairs on the surfaces depend on many factors and therefore, are unavoidable (BFS Bulletin no. 25).

Surfactants/emulsifiers can be released from the coating after application in the event of premature exposure to moisture, e.g. dew, fog or rain. This can lead to smears that, depending on the colour intensity, can vary in the degree of visibility.

This does not constitute a reduction of the quality of the product. Normally, these effects disappear on their own during the course of further weathering. Visible smears in areas not subjected to rain must be washed off promptly. Please proceed in this manner, particularly in the case of the bottom of roof overhangs, because the emulsifiers are extremely difficult to remove after longer drying phases. Contains biocides as film preservatives.

Processing temperature:

Do no process below +5 °C.

Special information:

Stir well before use. Seal the container tightly again after use. Do not mix with other dispersion paints.

Storage:

Cool however, frost-free.

Declaration of the substances of content:

Water, calcium carbonate, titanium dioxide, talc, acrylic dispersion, silicone resin, additives, preservatives

Information on disposal:

Only give fully empty containers to recycling. Dispose of material residues in accordance with the legal regulations.

EU threshold value for this product:

Product category: A/c
40 g/l VOC (2010)
This product contains a max. of 40 g/l VOC.

GISCODE:

BSW50

WHC 1:

Self-classification

Observe the safety datasheet!

