

Sol Mineral Facade Paint

Product description:

MEGA 409 Sol Mineral Facade Paint is a temperature resistant, versatile and highly vapour permeable sol-silicate facade paint with ideal structural-physical values.

Application:

Outdoors. 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 18 363
- hydrophobic (water-repellant)
- very low water absorption
- microporous
- not film-forming
- highest colour stability
- dries evenly
- water-dilutable
- very easy to repair
- particularly easy to use
- repair-ready
- without biocidal film preservative
- excellent coverage
- low-stress

Binding agent basis:

Potassium silicate, sol-silicate/synthetic dispersion

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/(m² x h 0.5)] (low)	W3

Spec. weight:

Approx. 1.5 kg/l

Gloss level:

Dull matte according to EN 13 300

Shade of colour:

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

Packaging size:

12.5 l and 15 l

Application:

Using brush, paint roller or 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 206 Silicate Primer. Prime poorly absorbent surfaces with MEGA 409 Sol Mineral Facade Paint with MEGA 206 Silicate Primer at a ratio of 1:1.

Fresh plasters:

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

Intermediate coat:

MEGA 409 Sol Mineral Facade Paint

Finishing coat:

MEGA 409 Sol Mineral Facade Paint

Please observe:

The product should be equipped with an additional film preservative due to the particular risk of fungal infestation and algae growth on EIFS.

Technical specifications

Dilution:

Intermediate coat with a max. of 5 % of MEGA 206 Silicate Primer, finishing coat undiluted.

Tinting:

Wide range of colours using the MEGA Mix paint mix service. Tinting can result in a change to the specified properties.

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. 280 - 360 ml/m² (guideline for 2 coats). Determine exact consumption data with a sample coat on the object.

Airless spraying:

Nozzle: 621
Spray pressure: 150 - 170 bars
Spraying angle: 40° - 60°
Gun filter element: 60 mesh

Processing temperature:

Do not apply below +8 °C or above 30 °C.

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 (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.

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, cristobalite, titanium dioxide, acrylic dispersion, potassium silicate, additives

Information on disposal:

For disposal, please observe the legal regulations. Only give fully empty containers to recycling. Dried up material residues can be disposed of according to waste code no. 170107 (construction waste) or if in the liquid form, according to waste code no. 080112 (old paints, water-dilutable).

EU threshold value for this product:

Product category: A/a

40 g/l VOC (2010)

This product contains a max. of 40 g/l VOC.

GISCODE:

BSW50

WHC 1:

Self-classification, slightly hazardous to water

Observe the safety data sheet!

