

Siloxane Elast Facade Paint

Product description:

Highly elastic siloxane acrylic facade paint to bridge existing shrinkage and hairline cracks. Particularly suitable for EIFS, renovation paintwork and first coats.

Application:

For high-quality facade coatings. Can be used on all common mineral surfaces. Particularly well suited for reworking elastic facade systems and EIFS.

Properties:

- weatherproof according to VOB, Part C, DIN 18363
- water-repellant
- microporous
- water-dilutable
- highly breathable
- high elasticity and elongations of break (from -20 °C to +100 °C) without adhesive surface
- excellent application properties
- not susceptible to mildew, moss and algae growth
- excellent coverage
- low-stress
- very good adhesion
- structure-preserving
- no formation of contraction cracks on coarse plasters or recesses

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 _v value): <0.14 m (high) | V1 |
| Water permeability (w value): <0.1 [kg/(m ² · h ^{0.5})] low | W3 |
| s _v value CO ₂ = 150 = 56 m | |

Binding agent basis:

Siloxane/acrylic dispersion highly elastic

Spec. weight:

Approx. 1.33 kg/l

Gloss level:

Matte

Shade of colour:

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

Packaging size:

12.5 l

Application:

MEGA 406 Siloxane Elast 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.

Fresh plasters:

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

Coating system:

Sandy and highly absorbent surfaces must be pre-treated 1 - 2 times with MEGA 220 Penetrating Primer TB or MEGA 205 Siloxane Primer. Prime poorly absorbent surfaces with MEGA 253 Primer WP.

Intermediate and finishing coat:

Each with MEGA 406 Siloxane Elast Facade Paint.

Technical specifications

Dilution:

With water; max. of 10 %.

Tinting:

Can be mixed with suitable siloxane, silicone, full tone and tinting paints up to a max. of 10 %. Higher quantities added reduce the elasticity.

Cleaning the tools:

Clean immediately after use using water.

Drying process:

Rainproof and surface dry after several hours in dry, warm air (DIN 50 014/23 °C/50 % rel. humidity). A minimum drying time of 24 - 48 h is required before the surface is paintable. Observe a respectively longer drying time in the case of cool, damp weather conditions. Do not apply when windy or in intense sunlight.

Consumption:

Approx. 130 - 150 ml/m² on smooth plaster (guideline for 1 coat). 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 by means of 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 not process below +5 °C object and ambient temperature.

Special information:

MEGA 406 Siloxane Elast Facade Paint bridges cracks with a width up to 1 mm with 2 coats, each 130 - 150 ml/m². More severe cracks must be treated separately.

Storage:

Cool however, frost-free.

Declaration of the substances of content:

Water, calcium carbonate, titanium dioxide, talc, acrylic dispersion, silicone resin, additives, preservatives: Isothiazolinone derivatives. Biocides as film 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.

Product code:

BSW50

Hazard warnings and safety instructions:

Contains: 2-methyl-2H-isothiazol-3-one; 1,2-benzisothiazol-3(2H)-one. Mixture of: 5-chlorine-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

Can cause allergic skin reactions. Harmful to aquatic organisms, with long-term effect. Attention! Dangerous respirable droplets can form when spraying. Do not inhale aerosols or droplets. Keep out of the reach of children. If a physician needs to be consulted, have packaging or identification label at hand. Wear safety gloves/protective clothing/protective goggles/face shield. If skin irritations or rashes occur: consult a physician / seek medical attention. Avoid release into the environment. Dispose of the content/container in accordance with local regulations. Contains biocides as film preservatives: 2-octyl-2H-isothiazol-3-one, terbutryn, zinc pyrithione.

WHC 1:

Self-classification

Observe the safety data sheet!

