



- high water vapour permeability
- for indoor and outdoor use, scrub-resistant
- with film protection against mould and algae infection

Siloxane-Star (SIL Facade Paint)

Results of investigation by external test institute

Water absorption w_{24} (kg/m ² √24h)	0.15
Water vapour permeability s_d (m)	0.045

Use

Facade paint for water vapour-permeable and driving rain-resistant finish with high film protection against mould and algae infection. Particularly suitable as renovation paint for external thermal insulation composite systems (ETICS).

Constituents

Synthetic resin dispersion, polysiloxane emulsion, titanium dioxide, mineral fillers, water, additives

Substrate

For all mineral substrates, e.g. concrete, masonry, filling compounds, cement render and lime render. Also suitable for firmly adhering silicate, silicate-dispersion and dispersion renders as well as existing paintwork.

Substrate shall be dry, clean, strong, absorbent, and free from dust and grease. Remove loose material and badly adhering coatings from substrate. Prime highly absorbent, friable and chalking substrates with baufan® Deeply Penetrating Primer – solvent-free. In case of doubt, perform trial application. For first-time painting of facade, always pretreat with deeply penetrating primer. Preliminary works according to VOB (German Construction Contract Procedures).

Repair cracks, holes and irregularities with suitable baufan® filler.

Application

Stir well prior to use and apply with roller, brush, wall brush or suitable spray equipment. As primer, paint may be diluted with max. 5 % water. As finishing coat, apply in undiluted form after first coat has fully dried. When coating larger areas, always work with live edges to prevent laps (flashing). Wash tools with water immediately after use.

Notes on airless spray application

Spray angle: 50°

Nozzle: 0.023 – 0.027

Spraying pressure: 120 – 180 bar

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. For spray application, use combi-filter A2/P2.

Consumption per coat

Smooth surfaces/fine plaster aggregate →
from 150 ml/m²

Exact consumption rate to be determined by trial application on site.

Application temperature

+5 °C to + 30 °C for material, ambient air and substrate

Drying time

Approx. 6-8 hours under normal conditions (at +20 °C, 65 % relative humidity and moderately absorbent substrate); allow suitably longer drying times for unfavourable conditions.

Tinting

With suitable Universal Concentrated Colorants or full-tone and tinting paint (with max. 10% added and without impairing building-physical properties of overall paint finish. Ensuring light and weather fastness is essential.)

Note

Mask areas not to be painted. Keep out of reach of children. Ensure adequate ventilation during application and drying. Do not inhale spray mist. Refrain from eating, drinking and smoking while using paint. Wear goggles. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not allow to enter drains, sewers, surface waters or ground. Hand over only fully emptied containers for recycling.

Contains biocidal products (preservatives):

Methylchloro-isothiazolinone/methylisothiazolinone (3:1), benzoisothiazolinone, octylisothiazolinone. May cause an allergic reaction. Advice for isothiazolinone allergy sufferers is available on 0049 (0) 341 / 44655-0.

Active ingredients for film protection:

2-octyl-2H-isothiazol-3-one, terbutryn

GISCODE for coating materials: BSW20

EU VOC limit value for this product:

(Cat.: A/c, Wb) = 40 g/ltr (2010)

Max. VOC content of this product: 1 g/ltr

Storage

Store in cool, though frost-free environment in properly sealed containers. Minimum shelf life in unopened containers subject to proper storage: see batch label.

Item No.

020753	5.0 ltr	PE tub
020807	10.0 ltr	PE tub

Note:

All details and data presented in this information sheet are based on our practical experience and laboratory investigations, and reflect the current state of the art. They can, however, only serve as general guidance and shall provide no guarantee of specific properties or performance. Given that the conditions for storage, transportation and application of products are beyond our control, no legal liability may be construed from the information presented here. It shall be the responsibility of the user to check the product's suitability for the envisaged purpose under the specific site or project conditions.