

- long-term film protection against algae and green growth
- rain-repellent with beading effect
- very good hiding power

# Silicone Resin Facade Paint

## Characteristic values:

Water absorption $w_{24}$ (kg/m <sup>2</sup> √24h)	0.09
Water vapour permeability $s_d$ (m)	0.043

## Use

This facade paint combines the advantages of the time-tested emulsion paints and traditional silicate paints. The painted finish offers absolutely uniform drying, is alkali-resistant and thus non-saponifiable, rain-repellent and resistant to aggressive air pollutants. The paint has a mineral base structure and good hiding power, is highly water vapour- and CO<sub>2</sub>-permeable, and delivers a high-grade matt finish similar to that of lime paint. These properties also make it suitable for use on listed facilities and lime-rich renders. Under normal weathering conditions, the paint is resistant to mould and algae infection.

## Constituents

Silicone resin emulsion, synthetic resin dispersion, titanium dioxide, mineral fillers, water, additives, film protection agent

## Substrate

For all mineral substrates (e.g. concrete, masonry, filling compounds, gypsum plaster, cement render and lime render), natural stone, firmly adhering silicate paint finishes, matt emulsion paints and renders, and intact external thermal insulation composite systems (ETICS).

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® Silicone Resin Deeply Penetrating Primer**. Allow freshly applied plaster/render undercoats to cure for at least 14 days. 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. Apply one undercoat and one finishing coat diluted with max. 10% water. Allow a drying time of at least 12 hours between coats. Do not apply paint in direct sunshine, strong wind or if there is a risk of rain.

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/m<sup>2</sup>

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

## Tinting

With max. 3% suitable Universal Concentrated Colorants or full-tone and tinting paint (ensure light and weather fastness).

## 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):

Methylchloroisothiazolinone/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: BSW50

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.

021125	5.0 ltr	PE tub
021132	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.