

## Technical data sheet

# Silikon-Fassadenfarbe



### Product description

**Characteristics:**

- Absolutely tension-free and weatherproof facade paint on silicone-resin basis
- Driving rain proof and water repellent due to silicone-resin binder
- Highly diffusible
- Self-cleaning effect: due to the water repellent surface, the water runs off the surface washing out any dirt particles which might be present in the structure of the surface
- Can be used on all mineral undergrounds, silicone-resin and dispersion paints and plasters (but not on elastic coatings)
- Suitable for renovation of WDV-systems
- Many tinting possibilities
- Excellent hiding power
- Coating is highly resistant against algae and fungi

### Material

<b>Application Area:</b>	For exterior use on good, solid new and old undergrounds such as stucco, brick-masonry, lime-sandstone. For reworking of solid coatings based on silicate, silicate dispersion, silicone resin and dispersion.
<b>Binding agent:</b>	Special silicone-resin dispersion
<b>Colour:</b>	White
<b>Content of solids:</b>	Approx. 71 %
<b>Specific gravity:</b>	1.63 g/cm <sup>3</sup>
<b>pH value:</b>	Approx. 8.5
<b>Diluting agent:</b>	Water
<b>Viscosity:</b>	Slightly thixotropic
<b>Steam diffusion:</b> Acc. to DIN 52615	$S_D = 0.05 \text{ m}$ class V1 (high)
<b>Water permeability:</b>	$W_{24} < 0.1 \text{ kg/m}^2 \cdot \text{h}^{1/2}$ class W3 (low)

Deviations of technical data as a result of tinting are possible.



# MFD Silikon-Fassadenfarbe



### Application characteristics

<b>Application:</b>	Brush / roller / spray (airless). Do not apply on sun heated substrates, during strong winds, at high temperatures, extremely high humidity, in fog or rain. Consider the risk of night frost. If necessary, protect the façade with suitable scaffolding-nets or tarpaulins.
<b>Underground:</b>	Needs to be clean, dry, and solid. Otherwise use MFD Silikon-Grundfestiger first to consolidate the underground. For underground treatment and application VOB, part C, DIN 18363 and the relevant BFS information must be observed.
<b>Coating build-up:</b>	Priming coat: No dilution or dilute product with a maximum of 5 % water. Final coating: use product without dilution.
<b>Spreading rate per coating:</b>	Approx. 200 ml/m <sup>2</sup> on smooth underground (if necessary test on the wall).
<b>Application temperature:</b>	At least + 5°C (Degrees Celsius) for air and underground during application and drying.
<b>Drying:</b>	<p>The surface of the coating is dry and can be painted over after 8 - 10 hours (at a temperature of 20 °C and a relative atmospheric humidity of 65 %). High humidity, low temperatures and low air exchange extend the hardening and drying time.</p> <p>In case of adverse weather conditions always take appropriate actions (e.g. rain protection) to protect work areas and freshly painted surfaces.</p>
<b>Tinting:</b>	<p>Product can be tinted with standard silicone tinting paint. Check compatibility on a case by case basis. Tinting may lead to deviations in the technical data, also with respect to contents of preservatives.</p> <p>Colour stability: weather, humidity, UV-light and accumulations may have an influence on the coating surface. The process of change is dynamic and depends on climate and exposition conditions. The current national regulations, leaflets etc. apply.</p> <p>Colour accuracy: weather conditions and property conditions have an influence on colour accuracy and the uniformity of colour. The following conditions should be avoided:</p> <ol style="list-style-type: none"><li>Irregularly sucking substrate</li><li>Different surface humidity in the substrate</li><li>Patches with different alkalinity and / or ingredients from the substrate</li><li>Direct sunlight with sharp shadows on the still humid coating</li></ol> <p>Washout of additives: For coatings which are not yet fully dried any water impact, i.e. dew, fog or rain, may wash-out additives from the coating which then build-up on the surface. The extent of this effect differs, depending on the intensity of the colour. This has no influence on the quality of the product. The effect will disappear under normal weather conditions.</p> <p>Product can be tinted about the mixing machine; colour tone stability B, group 1-3 (according to colour tone) according to BFS information No. 26.</p>
<b>Cleaning of tools:</b>	Clean with water immediately after use.

# MFD Silikon-Fassadenfarbe



3 General information	
<b>Storage:</b>	Cool, but not freezing.
<b>Shelf-life:</b>	Can be stored for at least 12 months after date of filling (see additional sticker) if stored properly in the unopened original packaging.
<b>Packaging:</b>	12.5 l / 5 l
<b>Ingredients:</b>	Resin dispersion, special silicone emulsion, white pigment, calcium carbonate, silicate, water, additives, film protecting additive, preservative.
<b>Safety:</b>	Please follow the instructions of the safety data sheet and advice for use and safety.
<b>GISCODE:</b>	BSW50
<b>VOC contents:</b>	EU limit for the product cat. A/c: 40 g/l (2010). This product contains < 40 g/l VOC.
<b>Waste disposal:</b>	Empty containers can be disposed for recycling. Any dried residues of material can be disposed of as construction waste or together with domestic garbage. Containers with liquid material residues must be disposed of according to local regulations. For further information, please contact your local waste authority.
<b>Advice for use and safety acc. to CLP:</b>	<p>MFD Silikon-Fassadenfarbe with algicide / fungicide effect provides film protection against algae and fungi and therefore should be used outside only. The film protecting properties of the product help to minimize / delay the risk for fungi or algae. For paints with film protecting properties it is essential to apply at least two layers of paint. Nevertheless, a permanent protection against fungi and algae cannot be guaranteed (also refer to BFS information no. 9, article 6.1, last section).</p> <p>May produce an allergic reaction. Harmful to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read carefully and follow all instructions. When spraying, use combination filter A2 / P2. Avoid release to the environment. Wear protective gloves and eye/face protection. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. Dispose of contents / container in accordance with local regulations. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Safety data sheet available on request. Contains: 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, 2-octyl-2H-isothiazol-3-one, Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 4,5-dichloro-2-octyl-2H-isothiazol-3-one.</p> <p>Do not allow to enter into surface water or drains or soil. Water from cleaning leaning work equipment must not get into the ground or surface water. Use product safely. Read product and safety information before use. This material contains an encapsulated additive protecting against algae and fungi. Active substances: 1,2-benzisothiazol-3(2H)-one, 2-octyl-2H-isothiazol-3-one, 2-methyl-2H-isothiazol-3-one, 3-iodo-2-propinyl butylcarbamate, 4,5-dichloro-2-octyl-2H-isothiazol-3-one, Terbutryn. Advice for people suffering from isothiazolinone allergy under phone-no.: +49(0)2058/789-0.</p>