



## **AUTOL**

### **Premium silicone resin façade paint**

#### **Description of product**

AUTOL is a premium silicone resin façade paint with a self-cleaning effect. Greatly reduced adherence of dirt particles results means that dirt is washed off simply by water spray. It is highly vapour-permeable, highly water repellent, dries to a low-tension finish, is structure preserving and is suitable for painting mineral and organically bound rendering and as a covering coat on lime-sand brick, fibre cement slabs, synthetic resin coatings and reinforced concrete (not on bridges). It is highly economical and has a premium, mineral appearance. It is suitable for painting, rolling and spraying and is tintable.

#### **Properties**

- Premium silicone resin facade paint with self-cleaning effect
- Angle of contact >130°
- Highly vapour-permeable
- Highly water repellent
- Low-tension
- Structure preserving
- Resistant to algae and fungi
- High opacity
- Matt appearance
- Painting, rolling and spraying
- White and tintable

#### **Execution**

##### **Preparation**

Cover or watertightly mask windows, windowsills and doors and other structural elements such as wood, glass, metal, brick, natural stone or flooring. Protect weather-exposed work surfaces from precipitation. In the event of exposure to sunshine or very warm weather, hang nets around scaffolding or postpone work until more favourable weather conditions prevail. Remove dust, dirt or any other matter impairing render bond from the background (rendering/paint), clean with high-pressure water if required and allow to dry before continuing work. Treat areas affected by algae and fungi with Knauf Marmorit Algicidal Solution and clean thoroughly. (see Algicidal Solution Technical Data Sheet). Test old plaster for adhesion, knock out cavities, clean down the plaster base and clean up appropriate to the material on hand and the relevant structure. Allow new areas of plaster to dry and harden, fluate and wash again if required. The background must be solid, clean, dry, capable of load bearing and free from efflorescence, sinter layers, releasing agents, tension and changes in form. Apply GRUNDOL Tiefengrund ELF undiluted as a primer to saturate and stabilise all surfaces. Allow priming coats to dry for at least 24 hours before continuing work.

##### **Application**

Before starting work, check the colour and batch number in all containers, and test for correctness of hue by a trial coat. Do not apply different containers together to one side of a house, or mix together first in a clean receptacle. AUTOL can be applied by painting or by rolling. Stir the contents of the container well. Apply thinly and evenly, without overlapping wet on wet to the plaster surface / finishing coat / old paint. Covering renovating finishes require at least two coats. Dilute primer with 5% to a maximum of. 10% water, Adjust final coat with a maximum of 5% water to application

consistency. Dilute with approx. 5% water in airless application. Allow 24 hours drying time between coats.

### **Please note**

On WARM-WAND systems with organic finishing coats, maintain a lightness coefficient of > 20, and in mineral finishing coats, > 30. AUTOL is used to produce covering coats, therefore do not use as EG paint for a diluted equalising coating. Deviations from this must be agreed with the Marmorit Technical Department. Do not apply in direct sunshine, when there is a danger of frost or in air and/or wall temperatures below +5 °C. The requirements of DIN 18363, German Construction Contract Procedures (VOB) Part C must be observed when applying the paint. In shades according to the colour charts FINESS'04 and special shades with organic pigments, AUTOL must be applied in two processes on freshly prepared mineral and still alkaline backgrounds after at least 5 days standing time with at least 24 hours drying time between the coats. Pretreat new, mineral finishing coats with GRUNDOL. Allow primers to dry for at least 24 hours before continuing work. To maintain an even colour, tinting can only be carried out using the Knauf Marmorit mixing stations. Always quote the commission number when re-ordering. Re-orders can be made up to a maximum of 6 months. If there is heavy mechanical stress on the surface, the colour may alter at the affected sites (milky bloom). AUTOL is resistant to contamination. No guarantee can be given for long-term protection against algae and fungi, for example. Susceptibility depends on local factors and the prevailing environmental conditions. Clean tools with water after use.

### **Safety at work**

Avoid contact with the eyes and the skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Safety data sheet obtainable upon request. Physiologically and ecologically harmless when set.

### **Disposal**

Allow any remaining material to dry and dispose of with domestic waste or as construction site waste. Clean buckets and hand in at the nearest INTERSEROH collection point.

Liquid product residue: waste code EWC 08 01 12 waste paint and varnish other than those mentioned in 08 01 11.

Dried product residue: waste code EWC 17 09 04 mixed construction and demolition waste other than those mentioned in 17 09 01, 17 09 02 and 17 09 03. Gisbau code (German hazardous substances classification): M-SF-01.

Local regulations must be observed

### **Composition**

Binder: silicone resin, silicone resin emulsion and styrene acrylate resin dispersion

Aggregates: titanium dioxide, water, preservatives, additives and colour pigments.

### **Quality**

The product is subject to continuous quality monitoring.

### **Delivery form/Storage**

5.0 and 12.5 litre PE buckets. 24 months, subject to cool, frost-free storage (+5°C to + 25°C) in original container.

### **Technical data**

(DIN 18363 / 53217)

Bulk density 1.54 kg/dm<sup>3</sup>

Viscosity viscous

Vapour permeability < 0.05 m

sd value: = Class III according to DIN EN 1062-1

Vapour diffusion resistance  $\mu$ : < 450

Water absorption coefficient:  $w < 0.08 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$   
= Class III according to DIN EN 1062-1

## Coverage chart

	Background	Bucket	Coverage l/m <sup>2</sup>	Yield m <sup>2</sup> / bucket
AUTOL				
1 coat	smooth	5.0 l / 12.5 l	0.17	29.5 / 73.5
2 coats	smooth	5.0 l / 12.5 l	0.25	20.0 / 50.0
AUTOL				
1 coat	rough	5.0 l / 12.5 l	0.25	20.0 / 50.0
2 coats	rough	5.0 l / 12.5 l	0.40	12.5 / 31.0

### SUPPLY

Via Marmorit approved applicators or local distributors

### NOTE

This data sheet, which replaces all previous editions, is designed to provide you with advice and assistance. The information presented herein reflects our present state of knowledge. It cannot, however, embody the sum total of good practice, nor incorporate the provisions of all relevant standards, codes of practice and guidelines. These – together with the relevant application rules and guidelines – shall be duly observed by the applicator!

### TECHNICAL ADVICE

Information and advice may be provided by our external representatives or the MARMORIT Technical Department

**Marmorit UK GmbH Address - 1 Portview Road, Avonmouth, Bristol – Telephone 0117 982 1042**

**The structural properties and characteristic building physics of Knauf systems can only be ensured with the exclusive use of Knauf system components or other products recommended by Knauf.**