



# Technical Data Sheet

## DROPAN siloxane plaster

### Scope of application

Silicone-reinforced, mechanically highly resilient plaster for mineral and organic facade surfaces. The coating is additionally protected against premature algae and fungal attack. Suitable substrates: Concrete, lime cement plasters, cement plasters, stable old coatings.

### Product features

- Weather resistant
- Water tight against heavy rain
- Shock and scratch resistant
- Elastic
- Diffusible
- With film protection against algae and fungi
- Easy processing
- No levelling coat required

### Note:

DROPAN siloxane plaster is equipped with special active ingredients to combat algae and fungal infestation on the coating. These active ingredients offer long-lasting, limited protection. The duration of effectiveness depends on the object conditions, such as moisture exposure, etc. It is therefore not possible to permanently prevent fungal and algae growth.

### Values according to DIN EN 1062:

K 1.5	ca. 0.11 m (< 0.14 m)	V1
K 2.0	ca. 0.20 m ( $\geq 0.14 < 1.4$ )	V2
K 3.0	ca. 0.29 m ( $\geq 0.14 < 1.4$ )	V2

V1 = high water vapour diffusion

V2 = mean water vapour diffusion

w-Value	ca. 0.07 ( $\leq 0.1$ [(kg/(m <sup>2</sup> · h <sup>0.5</sup> ))])	W3
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W3 = low water permeability

### Grains

1.5mm; 2.0mm; 3.0mm

### Classification of scope of application

Exterior 1	Exterior 2	Interior 1	Interior 2	Interior 3
+	+	-	-	-

(-) not suitable / (o) partially suitable / (+) suitable

Classification according to climatic conditions of the scope of application Please note the technical information "Classification of areas of application".

### Density

ca. 1.8 g/cm<sup>3</sup>

### Material base

Plastic dispersion according to DIN 18558

### Dilution

Ready for processing Adjust to processing consistency with max. 2% water.

### Tint

Tinting with max. 3% KRAUTOL solid and tinting colours or using the KRAUTOL colour mixing system from whiteware. Due to tint, deviations are possible in technical characteristics.

### Processing type

Trowel or spray application

### Trowel application:

Apply the plaster evenly over the entire surface using a stainless steel trowel and scrape it off to grain thickness. Immediately afterwards, use a plastic trowel or a PU board to wipe off the scratch plaster evenly in a round shape. To avoid partitions, complete contiguous areas without interruption.

### Spray application:

With suitable feed pumps

Nozzle	6-8mm (depending on grain size)
Spray pressure	3 - 4 bar
Air	500 l/min

When spraying, pay particular attention to ensuring that the material is applied evenly and avoiding overlaps on scaffolding layers.

**The right tool**

Stainless steel smoothing disc, plastic trowel, PU board; Styrofoam float

**The suitable primer**

KRAUTOL WP QUARTZ

**Substrate**

Substrates must be stable, level, free of dirt, separating substances and dry. Observe VOB Part C, DIN 18 363, paragraph 3.

Mask off window sills and attachments that do not require plastering. Pre-clean window reveals.

**New plasters of mortar groups P II and P III:**

New plasters can be coated after a sufficient period of time (usually after 2 - 4 weeks). In unfavourable weather conditions (e.g. influenced by wind or rain), consider longer downtimes.

**Old plasters of mortar groups P II and P III:**

Re-plastering areas must be well set and dried out. Pre-coat solid, normally absorbent plasters with KRAUTOL WP Quartz, tinted in the colour of the final coat. On coarse, porous, sandy, absorbent plasters, first apply a primer coat of KRAUTOL PENETRATING STOPPER PLUS.

**Concrete:**

Professionally remove any release agent residues as well as flouring and sanding substances. Pre-treat highly absorbent surfaces with KRAUTOL PENETRATING STOPPER PLUS. Primer with KRAUTOL WP-QUARZ, matched to the colour of the top coat.

**Stable emulsion paint coatings:**

Rework matt, weakly absorbent coatings immediately. Thoroughly clean dirty, chalky old paintwork in compliance with legal regulations. Pre-treat highly absorbent surfaces additionally with KRAUTOL PENETRATING STOPPER PLUS. A primer coat of KRAUTOL WP QUARTZ; for contrasting surfaces, the colour must be matched to the plaster colour

**Non-stable coatings:**

Completely remove unstable lacquer and emulsion paint or synthetic resin plaster coatings as well as unstable mineral coatings.

**Surfaces affected by mould:**

Thoroughly remove mould and fungus by wet cleaning. Legal and official regulations (e.g. the Biological Substances and Hazardous Substances Ordinance) must be observed. Wash cleaned surfaces with KRAUTOL AP ACTIVE and allow to dry thoroughly, do not wash again.

**Coating system**

Stir the contents of the container thoroughly with a slow-running mixer.

Primer or intermediate coat with KRAUTOL WP QUARTZ, tinted to the colour of the final coat.

Apply a final coat of KRAUTOL DROPAN siloxane plaster using a trowel or spray application (see method of processing).

**Processing instructions**

- The choice of tool influences the roughness profile of the surface, so always work with the same textured discs.
- To achieve a uniform system, contiguous surfaces should always be carried out by the same craftsman in order to avoid structural deviations.
- To avoid joints, a sufficient number of employees must be deployed on each scaffolding layer and the work must be carried out quickly, wet in wet.
- By using natural additives, slight colour variations are possible. Therefore, only process material with the same production numbers on contiguous surfaces or mix materials with different production numbers in advance.
- If factory tints are used for subsequent deliveries in the same colour, use factory tints again to avoid colour differences.
- Note shorter setting times in windy conditions.

**Consumption**

K 1.5 (1.5 mm)	ca. 2.4 kg/m <sup>2</sup>
K 2.0 (2.0 mm)	ca. 3.1 kg/m <sup>2</sup>
K 3.0 (3.0 mm)	ca. 4.0 kg/m <sup>2</sup>

per work step on smooth substrate. Correspondingly more on rough surfaces. The exact consumption can be determined by doing a test coat.

**Drying**

Depends on temperature, layer thickness and relative humidity. At + 20° C and 65% relative humidity, surface dries after approx. 24 hours. Dried and resilient after 1-2 days. At lower temperatures and higher humidity, these durations are longer.

Status: 01/2024

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KRAUTOL GmbH, Rosssdoerfer Strasse 50, 64372 Ober-Ramstadt, Phone +49(06154) 71 6310, Telefax +49(06154) 71 6311, [info@krautol.de](mailto:info@krautol.de), [www.krautol.de](http://www.krautol.de)

**Cleaning the tools**

Clean with water immediately after use.

**Storage**

Store cool but frost-free. Protect from direct sunlight. Always close opened containers tightly.

**Please note**

Not a dangerous substance or mixture. Keep out of reach of children. If swallowed, seek medical advice immediately and show the packaging or label as the intestinal flora can be disrupted. Do not allow residues to enter drains/waterways or soil. Ensure thorough ventilation during processing and drying. Avoid eating, drinking and smoking while using the product. In case of contact with eyes or skin, rinse immediately with water. Do not allow to enter drains, waterways or soil. Clean tools with soap and water immediately after use. Do not inhale spray mist. Use combination filter A2/P2. Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-on [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-on [EC No. 220 -239-6] (3:1). Can cause allergic reactions.

**Allergy hotline**

+ 49 (0) 800/1895000 (free within Germany)

**GISCODE for coating materials**

BSW50

**VOC content**

The product is not a coating material according to Directive 2004/42/EC This product contains <10g/l VOC.

**Disposal**

Dispose of contents and container in accordance with local, regional, national and international regulations. Dispose of liquid material residues at the collection point for waste paints/varnishes, dried material residues as construction and demolition waste or as municipal or household waste.

**Container sizes**

	25 kg, white*
K 1.5 (1.5 mm)	•
K 2.0 (2.0 mm)	•
K 3.0 (3.0 mm)	•

Factory tint K 1.5 (1,5 mm)*	•
Factory tint K 2.0 (2,0 mm)*	•
Factory tint K 3.0 (3,0 mm)*	•

\*only factory tint also in dark shades from B3