



# Baumit SilikonTop

Silicone-resin based topcoat render

## Benefits

- Universal silicone based render solution
- Water repellent technology
- Enhanced breathable performance



## Product Overview

Ready to use, wet topcoat render for thin coat application. Silicone based, can be scratched or dragged grain texture for internal and external areas. Suitable for hand or machine application. A system component of the Baumit External Wall Insulation Systems. System tested according to ETAG 004 and EN 15824.

## Composition

Silicone resin and organic binders, mineral fillers, colour pigments, additives and water.

## Properties

Silicone based, weather resistant, water vapour permeable, stain resistant, non-flammable and easy to use.

## Application

- A topcoat render application providing decoration and protection to facades.
- For application over old and new mineral coatings, renovation render basecoats, concrete surfaces and mineral basecoats in the Baumit EWI Systems.

## Technical Data

Product	
Reaction to fire:	A2
Colour:	Selected colour shades from Life Colored by Baumit
Adhesive strength:	> 0.3 MPa
Gross density:	app. 1.8 kg/dm <sup>3</sup>
sd-value:	0.08 - 0.12 For a 2mm grain size
μ-value:	app. 60 - 80
Thermal conductivity:	0.700 W/mK
W-value:	< 0.1

Variant(s)	SilikonTop 1.5K	SilikonTop 2K	SilikonTop 3K
yield	app. 10 m <sup>2</sup> /bucket	app. 8.6 m <sup>2</sup> /bucket	app. 6.4 m <sup>2</sup> /bucket
Grain	1.5 mm	2 mm	3 mm
Consumption	app. 2.5 kg/m <sup>2</sup>	app. 2.9 kg/m <sup>2</sup>	app. 3.9 kg/m <sup>2</sup>



## Delivery Format

25kg bucket, 1 pallet = 32 buckets = 800kg

## Storage

Store in dry, cool conditions, free from frost in sealed tubs. Shelf life 12 months.

## Substrate

### Suitable substrates:

- Basecoats on External Wall Insulation systems.
- Lime, cement renders and concrete.
- Well bonded mineral, silicate and dispersion paints and coatings.
- Organic basecoats (e.g. PowerFlex).
- Gypsum plasterboards (pretreated with 2 coats of Baunit SperrGrund).

## Substrate pre-treatment

Surfaces (excluding Baunit PowerFlex basecoats) must always be prepared with an appropriate Baunit Primer before applying Baunit SilikonTop. Allow to dry for 24 hours. Refer to Baunit for advice regarding other substrates and substrate preparation.

Substrates must be sound, clean, dry, free from frost, dust efflorescence and not water repellent. Existing mineral based coatings must be sound and well bonded to the substrate (confirm with pull off tests and/or cross cut tests according to Baunit guidelines)

Refer to Baunit for advice regarding other substrates and substrate preparation.

## Processing

### Mixing:

Baunit SilikonTop must be well and slowly mixed with an electric hand mixer before application. It may not be mixed with other paint materials. Where required a minimal amount of water (max. 1%) may be added to improve workability. Once mixed leave to stand for 20 minutes.

### Application:

The Baunit SilikonTop is applied with a stainless steel trowel or a fine spray machine and trowelled through to the grain thickness to produce a full and even coat. The surface is then textured using a plastic float, moving in tight circular motions. It should be applied systematically and continuously in complete sections.

## Notes and General Information

The air, material and background temperature must be above +5° C during application and curing. Protect the facade from direct sunlight, rain and strong winds (i.e. with scaffold nets). High air humidity and low temperatures can prolong drying times considerably.

Products from different batches must be mixed together prior to application. Colour tone development can be affected by the background conditions, temperature and air humidity level.

Baunit SilikonTop is equipped with a basic level of protection against algae and fungal growth. This achieves a preventative and inhibiting effect. For projects in critical environments (e.g. areas with above average humidity, rainfall, close proximity to water, plants, shrubbery, trees and woodland) we recommend an increased level of protection. A long term eradication of algae and fungal growth cannot be guaranteed.

The sands used in the Baunit facade renders are natural products. On occasion some of the sand grains may appear slightly darker. This does not in any way constitute a problem with quality of the product, but may represent a faint optical detracting, due to the natural properties of the raw materials.

A Light Reflectance Value lower than 25 must not be used for application on to External Wall Insulation systems.

Baunit SilikonTop should be left to dry for at least 14 days ( at +20 C° and 60 % rel. humidity) before receiving any further coatings.

**Protective measures:** Protect eyes and skin, and surrounding areas, especially glass, ceramic, brick, natural stone, varnishes and metals. Wash away any splashes with plenty of water. Do not allow to dry and harden.

Clean tools and equipment thoroughly with water immediately after use.

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