

# Baumit StarTop

## Highly Weatherproof Topcoat Render



- **Ultimate weather resistance**
- **Drypor effect 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

Highly developed silicone resin and organic binders, special mineral fillers, colour and white pigments, fibres, additives and water.

### Properties

- Highly weather resistant, water repellent, dirt resistant and breathable.
- The improved recipe gives a drier surface and is able to give longer protection against algae and mildew.
- Universally usable and improved application (by hand or machine)
- Brilliant white and colours which can be tinted in the Life colours in rows 2 to 9

### Application

- For the protection and design of façade surfaces. Suitable for application onto old and new mineral substrates such as renders and putty, on concrete and onto new and old synthetic renders and paints.
- Suitable to renovate external wall insulation systems.

### Technical Data

|                       |                             |
|-----------------------|-----------------------------|
| Reaction to fire:     | A2                          |
| Adhesive strength:    | > 0.3 MPa                   |
| pH-value:             | app. 9                      |
| Gross density:        | app. 1.8 kg/dm <sup>3</sup> |
| μ-value:              | app. 30 - 40                |
| Thermal conductivity: | app. 0.700 W/mK             |
| W-value:              | W2                          |

|             | StarTop K1.5                   | StarTop K2                      | StarTop K3                      |
|-------------|--------------------------------|---------------------------------|---------------------------------|
| 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.

### Quality Assurance

Internal quality assurance is provided by the manufacturer's plant.

**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 the appropriate Baunit Primer before applying Baunit StarTop. 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 StarTop 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 StarTop 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**

Do not work with the material or let it dry if the base, material and air temperature are under + 5 °C.

**Weather protection:** Protect the façade from direct sunlight, rain or strong winds (e.g. via use of scaffold nets). High humidity and/or low temperatures (e.g. in late autumn) can significantly delay setting times and cause uneven colour. High temperatures in summer shorten the drying times (can lead to the coating being burnt).

**Colour tone:** The colour can be influenced by the condition of the substrate, temperature and humidity. Shadows from scaffolds and different textures or absorbency rates of the base and varying weather conditions can cause colour variations (stains). In order to avoid colour deviations, order one batch for the entire building; if there are subsequent batch deliveries, mix with the previously delivered product.

Sands used in the Baunit façade renders are a natural product. Very occasionally slightly darker grains are visible. This is not a quality issue, but a minor optical difference lent by the natural character and properties of the raw materials. During mechanical smoothing, the render surface may show slight colour variations (filler fracture). This does not affect the functionality or quality of the product.

**Light reflectance value:** The light reflectance value should not fall below 25 when using on an external wall insulation system. When using on render systems, the usual ÖNORM B 3346 and latest mortar application rules for ÖAP apply.

Please refer to the appropriate information sheets on how to protect against buildup of algae/mildew on facades.

**Safety measures:** see safety datasheet.

**Cleaning:** Protect eyes and skin. Protect endangered areas (glass, ceramics, metal, natural stone etc.). Rinse splashes immediately with plenty of water. Do not wait until they dry. Clean tools immediately after use with water.

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