

# Baumit StarTop Premium Façade Render

## ■ General Information



- Easy application
- Increased protection against algae & mould
- Weather resistance

### Product Overview

Ready to use, topcoat render (thin coat finish render) for external use to create a stippled texture. Tested to ÖNORM EN 15824 standards and in a system to ETAG 004 standards.

### Use

- 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.

### 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.

### Components

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

### Base

The base must be clean, dry, frost-free, solid and load bearing with no moisture burden. Loose parts and hollow areas, as well as flaking paint, old adhesives, oil and grease must be removed. The substrate should be tested to ÖNORM B2259, B6400, B3345 and B3346 standards. The evenness of the wall should adhere to DIN 18202 standards.

**Suitable substrates:** mineral bases, e.g. Baumit base renders and putties, concrete, old renders such as Baumit PowerFlex.

**Unsuitable substrates:** plastic, lacquered, oily bases, lime plasters or painted surfaces, wood or metal substrates or highly flexible dispersion painted surfaces.

## ■ Technical Data

### Consumption

	K1.5	K2	K3
Max. aggregate size [mm]:	1.5	2.0	3.0
Material consumption [kg/ m <sup>2</sup> ]	app. 2.5	app. 2.9	app. 3.9

The consumption figures given serve as a guide. In practice, estimate that 10% more will be used. Consumption rates are dependent on grain size, absorbency of the substrate and the application technique.

### Performance

<b>Colour:</b>	All colours of the Baumit Life colour range
<b>Grain size:</b>	1.5, 2.0 and 3.0 mm
<b>Density:</b>	approx. 1.8 kg/dm <sup>3</sup>
<b>pH level:</b>	approx. 9
<b>μ value:</b>	approx. 30-40
<b>w value:</b>	W2
<b>Heat conductivity number:</b>	approx. 0.7 W/ (m K)
<b>Adhesion:</b>	> 0.3 MPa



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## ■ Substrate Preparation

Use Baumit TiefenGrund to equalize strong or unevenly absorbent surfaces and fix chalky or lightly sandy surfaces. Fix very sandy or crumbly rendered substrates with Baumit Putzfestiger (consult product datasheet).

Mechanically remove sinter skin and any old badly adhered coats of paint. Clean dirty surfaces and either sand, steam or use oil remover to remove any oily patches from concrete.

Remove algae or mildew bases by treating with special cleaner (e.g. Baumit SanierLösung).

Fill any cracked mineral surfaces with putty (e.g. Baumit HaftMörtel) and potentially cover with Baumit glass fibre mesh.

**In addition to these substrate handling measures, apply a coat of Baumit PremiumPrimer or Baumit UniPrimer (leave to dry for a minimum of 24 hours). If using Baumit PowerFlex no primer is necessary.**

## ■ Application

After a primer drying time of Baumit PremiumPrimer of at least 24 hours, one coat of Baumit StarTop can be applied. Thoroughly stir before handling with a slow rotating stirrer. The application consistency can be diluted with a tiny amount of water (max. 1% clean water).

The finish render is applied to the whole surface using either a stainless steel trowel or sprayed on with an appropriate machine (grain size dependent). Smooth down with a plastic rubbing board. Do not mix in any other materials. Apply product evenly and without interruption.

### Storage

Keep dry, cool but frost-free in closed buckets. Can be stored for up to 12 months.

### Delivery

Plastic pail, contents 25 kg (16 pails per pallet = 400 kg).

### Quality Assurance

We undertake constant monitoring and control of the quality in our factory laboratories. There are strict inspections of the current production controls by an external company.

### Classification

Classified as per ChemG. See safety datasheet (as article 31 and appendix II of directive 1907/2006 of European parliament and council dated 18.12.2006) on [www.baumit.com](http://www.baumit.com).



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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 Baumit 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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