

# Baumit GranoporTop

## Synthetic resin finish render



- **Universal topcoat**
- **Highly flexible**
- **Long lasting colour**

### Product Overview

Ready to use, synthetic resin render for exterior use. Water vapour permeable and very resistant to water. Acrylic based decorative finish with 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

Organic binders, mineral fillers, colour pigments, additives and water.

### Properties

Weather resistant, hydrophobic, water vapor permeable, good mechanical resistance. Easy to use.

### Application

Use:

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

### Technical Data

Color:	Selected colour shades from Life Colored by Baumit
adhesive strenght:	> 0.3 MPa
μ-value:	app. 110 - 140
gross density:	app. 1.8 kg/dm <sup>3</sup>
thermal coefficient:	app. 0.7 W/mK
sd-value:	0.22 - 0.28 m for a layer thickness of 2 mm
W-value:	< 0.2 kg/(m <sup>2</sup> .h <sup>[0,5]</sup> )
colors:	Life - Acryl (2-9)

	GranoporTop 1.5K	GranoporTop 2K	GranoporTop 3K
grain size	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>
yield	app. 10 m <sup>2</sup> /bucket	app. 8.6 m <sup>2</sup> /bucket	app. 6.4 m <sup>2</sup> /bucket

### Storage

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

### Subsurface

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

Suitable substrates:

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

### Subsurface Pre-treatment

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

## Processing

### Mixing:

- Baunit GranoporTop must be mixed slowly and well and slowly 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.

### Application:

- The Baunit GranoporTop 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 Informations

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 GranoporTop 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 GranoporTop 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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