

Baumit GranoporTop



- Universal topcoat
- Highly flexible
- Long lasting colour

Product: 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 with EPS or phenolic insulation. System tested according to ETAG 004 and EN 15824.

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 EPS, XPS and XS 022.

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

Properties:

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

Technical Data:

Aggregate size:	1.5/2.0/3.0 mm
Density:	1.5/2.0/3.0 mm
Thermal conductivity λ :	ca. 0.70 W/mK
Water vapour diffusion resistance μ -value:	ca. 110 - 140
Water capillary coefficient w-value:	< 0.10 kg/m ² h ^{0.5} (W2)
Sd-value:	0.22 – 0.28 m (2 mm coating)
Bond strength:	> 0.3 MPa
Colour tones:	Selected from Baumit Life colours

Texture:	K1.5	K2	K3
Consumption kg/m ² :	ca. 2.5	ca.2.9	ca.3.9

The consumption rates serve for guidance only. An allowance of 10% more consumption should be calculated in practice.

Health and Safety: Please refer to the Material Safety Data Sheet, produced in accordance with Article 31 and Annex II of Regulation No 1907/2006 of the European Parliament and Council from 18.12.2006, available at www.baumit.com or alternatively request the MSDS from the manufacturer.

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

Quality Assurance: In house monitoring through our own laboratories. Third party inspection is carried out through a certified body.

Packaging: 25 kg bucket, 1 pallet = 24 buckets = 600 kg

Substrate:	<p>Substrates must be sound, clean, dry, 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 Baunit guidelines).</p> <p>Suitable substrates:</p> <ul style="list-style-type: none"> ▪ Basecoats on External Wall Insulation systems. ▪ Lime and cement renders, concrete. ▪ Well bonded mineral, silicate and dispersion paints and coatings. ▪ Organic basecoats (e.g. SilverFlex). ▪ Gypsum plasterboards (pretreated with 2 coats of Baunit SperrGrund). ▪ Gypsum plasters. <p>Refer to Baunit for advice regarding other substrates and substrate preparation.</p>
Application:	<p>Surfaces (excluding Baunit SilverFlex basecoats) must always be prepared with a full and even coat of Baunit UniPrimer before applying Baunit GranoporTop. Allow to dry for 24 hours.</p> <p>Refer to Product Data Sheet.</p> <p>Mixing:</p> <ul style="list-style-type: none"> ▪ 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. <p>Application:</p> <ul style="list-style-type: none"> ▪ 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 Information:	<p>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.</p> <p>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.</p> <p>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.</p> <p>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 detraction, due to the natural properties of the raw materials.</p> <p>A Light Reflectance Value lower than 25 must not be used for application on to External Wall Insulation systems.</p> <p>Baunit GranoporTop should be left to dry for at least 14 days (at +20 C° and 60 % rel. humidity) before receiving any further coatings.</p> <p>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.</p> <p>Clean tools and equipment thoroughly with water immediately after use.</p>

Our recommendations for applications which we give to support the purchasers/handlers from our experience, corresponds to current science and practice. The advice is non-binding, and forms no contractual, legal relationship and no additional obligations in the purchase contract. The advice does not release the purchaser from examining our products for their suitability for their foreseen uses. The general rules of construction equipment must be adhered to. We reserve the right to make changes which serve to provide technical progress and improve the product or its use. When such technical information appears, earlier information is no longer valid. You can find the most current information on our Internet pages. Only our current sales and supply conditions as well as provisions for the placement and use of our silos and mixing facilities apply for all business cases.