



Baunit PuraTop

Weather resistant topcoat render for intense and brilliant colours

Benefits

- Intense colour tone acrylic render solution
- Cool pigments technology
- Enhanced breathable performance



Product Overview

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

Composition

Highly developed acrylic resin, special mineral fillers, colour and white pigments, fibres, additives and water.

Properties

- Highly weather resistant, extremely water repellent and breathable with high dirt resistance
- Universally usable and improved application (by hand or machine)
- Brilliant white and colours in all Baunit Life colour shades

Application

- Universally usable finish render as a topcoat on Baunit external wall insulation systems, on old and new mineral renders and putty, on concrete and to renovate organically bound renders.
- The special Baunit Cooling Technology enables dark colour tones to be used over the entire surface of an external wall insulation system.

Technical Data

Product	
Reaction to fire:	A2
Adhesive strength:	app. 0.3 MPa
pH-value:	app. 8
Gross density:	app. 1.8 kg/dm ³
μ-value:	app. 70 - 80
Thermal conductivity:	app. 0.700 W/mK
W-value:	W3

Variant(s)	PuraTop K1.5	PuraTop K2	PuraTop K3
yield	app. 10 m ² /bucket	app. 8.6 m ² /bucket	app. 6.4 m ² /bucket
Grain	1.5 mm	2 mm	3 mm
Consumption	app. 2.5 kg/m ²	app. 2.9 kg/m ²	app. 3.9 kg/m ²



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	<p>Suitable substrates:</p> <ul style="list-style-type: none"> ■ 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 Baumit SperrGrund).
Substrate pre-treatment	<p>Surfaces (excluding Baumit PowerFlex basecoats) must always be prepared with an appropriate Baumit Primer before applying Baumit PuraTop. Allow to dry for 24 hours. Refer to Baumit for advice regarding other substrates and substrate preparation.</p> <p>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 Baumit guidelines)</p> <p>Refer to Baumit for advice regarding other substrates and substrate preparation.</p> <p>When using Baumit Life colour shades ending in number 1-6, for optimal colour brightness, the base should be primed in a matching colour tone with Baumit PremiumPrimer (see product datasheet for Baumit PremiumPrimer).</p>
Processing	<p>Mixing:</p> <p>Baumit PuraTop 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.</p> <p>Application:</p> <p>The Baumit PuraTop 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.</p>
Notes and General Information	<p>The light reflectance value should not fall below 25 when using on an external wall insulation system. However, due to the innovative Baumit Cooling Technology, the light reflectance value can fall below that value.</p> <p>It is now possible to use Baumit PuraTop over the whole surface of all Baumit external wall insulation systems (EWI). See table 1.</p> <p>The following Life colour numbers can be applied to all Baumit EWI systems, as long as a thick coat basecoat ($\geq 5\text{mm}$) is used.</p> <p>Table 1: Life Colour Numbers</p> <hr/> <p>0181, 0191, 0361, 0371 0372, 0381, 0382, 0391, 0392 0401, 0402, 0411, 0412, 0421, 0422, 0431, 0432, 0441 0442, 0511, 0512, 0521, 0522, 0581, 0582 0611, 0612, 0621, 0622, 0631, 0632, 0671, 0672, 0681, 0682, 0831 0841, 0851, 0861, 0862, 0871, 0872, 0881, 0882, 0891, 0892, 0901 0902, 0911, 0912, 0921, 0922, 0931, 0932, 0971, 0972</p> <hr/> <p>Application advice: Leave first coat to dry for a minimum of 48 hours (based upon temperature of 20° C and 60% relative humidity).</p> <p>Microbial build up: This finish render contains components to protect against and delay the build up of algae and mildew. For buildings in critical environments (e.g. in a location with above average rainfall/moisture, proximity to water and greenery, trees, forests, plants grown near to the house etc), we recommend increasing the anti-fungal/algae content. Resistance to build-up of algae/mildew over the long term cannot be guaranteed. Do not work with the material or let it dry if the base, material and air temperature are under + 5 °C.</p> <p>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).</p> <p>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.</p> <p>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.</p> <p>Please refer to the appropriate information sheets on how to protect against buildup of algae/mildew on facades.</p> <p>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.</p> <p>Safety measures: see safety datasheet.</p>

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