

Baumit PuraTop

Weather resistant topcoat render
for intense and brilliant colours



- 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 Baumit 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 Baumit Life colour shades

Application

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

Technical Data

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

	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

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 an appropriate Baunit Primer before applying Baunit PuraTop. 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. When using Baunit Life colour shades ending in number 1-6, for optimal colour brightness, the base should be primed in a matching colour tone with Baunit PremiumPrimer (see product datasheet for Baunit PremiumPrimer).

Processing

Mixing:

Baunit 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.

Application:

The Baunit 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.

Notes and General Information

The light reflectance value should not fall below 25 when using on an external wall insulation system. However, due to the innovative Baunit Cooling Technology, the light reflectance value can fall below that value. It is now possible to use Baunit PuraTop over the whole surface of all Baunit external wall insulation systems (EWI). See table 1.

The following Life colour numbers can be applied to all Baunit EWI systems, as long as a thick coat basecoat ($\geq 5\text{mm}$) is used.

Table 1:

Life Colour Numbers

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

Application advice: Leave first coat to dry for a minimum of 48 hours (based upon temperature of 20° C and 60% relative humidity).

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.

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

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.

Safety measures: see safety datasheet.

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