Baumit PuraTop

Weather resistant topcoat render for intense and brilliant colours

- **Available in the full range of Baumit Life colours**
- **For brilliant, intense colours**
- **Cooling pigments technology**

Product Overview

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

Composition

Highly developed acrylic resin, specialmineral 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

adhesive strenght:	app. 0.3 MPa
µ-value:	app. 70 - 80
gross density:	app. 1.8 kg/dm³
thermal coefficient:	app. 0.7 W/mK
pH-value:	app. 8
W-value:	W3
colors:	Life - 1-9

	Baumit PuraTop K 1.5	Baumit PuraTop K 2.0	Baumit PuraTop K 3.0
grain size	1.5 mm	2 mm	3 mm
consumption	app. 2.5 kg/m²	app. 2.9 kg/m²	app. 3.9 kg/m²
yield	app. 10 m²/bucket	app. 8.6 m²/bucket	app. 6.4 m²/bucket

Storage

Keep dry, cool but frost-free, in closed buckets. Can be stored for up to12 months.

Quality Assurance

Internal quality assurance is provided by the manufacturer's plant.

Subsurface

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.
Suitable substrates: mineral substrates, e.g. Baumit basecoats 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

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Subsurface Pre-treatment

Use Baumit MultiPrimer to equalize strong or unevenly absorbent surfaces and fix chalky or lightly sandy surfaces. Fix very sandy or crumbly rendered substrates with Baumit SanovaPrimer (consult product datasheet).
Mechanically remove sinter skin and remove flaking coats of old 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 FungoFluid).
Fill any cracked mineral surfaces with a Baumit basecoat and potentially 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).
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).

Processing

After a primer drying time of at least 24 hours, one coat of Baumit PuraTop 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.

Notes and General Informations

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.
It is now possible to use Baumit PuraTop over the whole surface of all Baumit external wall insulation systems (EWI). See table 1.

The following Life colour numbers can be applied to all Baumit EWI systems, as long as a thick coat basecoat (≥ 5mm) 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 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.
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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