



# Baunit NanoporTop



## Product

Ready-to-use, pasty, dirt-repellent, mineralic thin-layer final coat with rubbed or grooved structure for interior and outdoor use. Baunit NanoporTop can be applied manually and by machine. Usable for all Baunit External Thermal Insulation Composite Systems (ETICS). Tested according to ÖNORM EN 15824 and ETAG 004.

Due to a targeted developed micro-structural surface, as well as special nano-crystalline and non-organic additives, a significant reduction of pollution can be achieved compared to other coatings.

## Composition

Innovative mineral binders, mineral aggregates, silicates, micro-fibres, non-organic colour- and white pigments, mineral additives, water.

## Properties

Mineralic, low-tension drying, highly weather-resistant, highly water vapour- and CO<sub>2</sub> permeable, very low contamination tendency, non-combustible and easy to apply.

## Application

Protection and design of facades on old and new mineral plasters and putties, on concrete, for protection of historic monuments, for rework and as top layer at Baunit open – the Climate Façade, Baunit ETICS EPS and -mineral, as well as on renovation plasters.

**Baunit PremiumPrimer or Baunit UniPrimer is always required!**

## Technical data

Maximum grain size:	1,5 / 2,0 / 3,0 mm
Raw density:	approx. 1,8 kg/dm <sup>3</sup>
Thermal conductivity:	approx. 0,70 W/mK
μ-value:	approx. 20 - 30
sd value:	0,04 – 0,06 m (for a layer thickness of 2 mm)
Bonding strength:	> 0,3 MPa
Fire classification:	Euroclass F
Colours:	According LIFE-colour chart (special colours on request)

Structure	K 1,5	K 2,0	K3,0
Consumption kg/m <sup>2</sup>	app. 2,5	app. 3,2	app. 4,2

The mentioned consumption provide a basis, practically, an over-consumption of app. 10% is to be considered. Consumption depends on roughness and absorptivity of the subsurface, as well as application techniques.

## Classification according to Chemical Substances Act

Gather the detailed classification from the Safety Data Sheet (according article 31 and annex II of the regulation No. 1907/2006 of the European Parliament and –Council from 18.12.2006) at [www.baunit.com](http://www.baunit.com) or request the Safety Data Sheet at the respective production plant.

<b>Storage</b>	If the closed bucket is kept in a dry, cool place free of frost, the product can be stored for 12 months.
<b>Quality assurance</b>	Internal quality assurance is provided by the manufacturer's plant, external checks are carried out by approved test institutes
<b>Delivery format</b>	30 kg buckets, 1 pallet = 16 buckets = 480 kg
<b>Subsurface</b>	<p>The subsurface must be clean, dry, frost-proof, dust-free, not water-repellent, free of efflorescence and free of loose parts. The subsurface must be performed according the Austrian standards B 3345, B 3346, B 2259 and B 6410. The flatness of the wall must comply with ÖNORM DIN 18202.</p> <p><u>Suitable on:</u></p> <ul style="list-style-type: none"> <li>- Mineral reinforcement layers on ETICS</li> <li>- Lime-cement plasters, concrete</li> <li>- Well bonding silicate paints and –plasters</li> <li>- Gypsum plasterboards (pretreatment: Baunit Sanova RePrimer)</li> </ul> <p><u>Suitable to only a limited extend:</u></p> <ul style="list-style-type: none"> <li>- Gypsum plasters (make a test area)</li> </ul> <p><u>Not suitable on:</u></p> <ul style="list-style-type: none"> <li>- Plastics and resins</li> <li>- Lacquer and oil-films</li> <li>- Distemper and latex paints</li> <li>- Lime-paints</li> <li>- Wood</li> <li>- Metals</li> </ul>
<b>Subsurface pretreatment</b>	<ul style="list-style-type: none"> <li>- Solidify chalking or sanding surfaces (e.g. Baunit Sanova ReFest; waiting time: at least 14 days or Baunit Sanova RePrimer plus; waiting time: at least 12 hours).</li> <li>- Strongly- or highly water absorbent surfaces (e.g. lime-, lime-cement plasters) have to be pretreated with suitable primers (e.g. 2x Baunit PremiumPrimer or Baunit UniPrimer)</li> <li>- Mechanically remove sinter skin.</li> <li>- Remove forming oil residues on concrete with hot steam or commercially available special forming oil removers.</li> <li>- Thoroughly clean dirty surfaces with Baunit Sanova RePrimer plus.</li> <li>- Treat algae-contaminated subsurface with special agent</li> <li>- Remove weathered coats of paint with bad bonding mechanically or with Baunit Sanova Fluid (not suitable on ETICS)</li> <li>- Coat damaged and cracked mineral surfaces with putty (e.g. Baunit StarContact), where required, reinforce with Baunit StarTex</li> </ul> <p>All subsurface must be pre-treated with Baunit PremiumPrimer or Baunit UniPrimer. Waiting time: at least 24 hours</p>

## Processing

Configuration of coatings:

- 1 x Baunit PremiumPrimer or Baunit UniPrimer (fully covering and uniformly applied)
- 2 x Baunit PremiumPrimer or Baunit UniPrimer (on repaired mineralic- and strong or not uniformly absorbing subsurface)
- 1 x Baunit NanoporTop

After Baunit PremiumPrimer or Baunit UniPrimer has been left to dry for at least 24 hours, Baunit NanoporTop can be applied. (between each work step, a waiting time of at least 24 hours has to be kept in case of double priming)

NanoporTop is to be mixed thoroughly with a stirrer before application. The consistency can be adjusted by adding a little bit of water. Baunit NanoporTop is to be applied to the entire surface with a rust-free steel trowel or sprayed on with a suitable plaster machine, levelled to grain thickness and rubbed with a plastic plasterer's float.

Do not mix with other substances. Work evenly and without interruption.

## Notes and General Information

Air-, material- and subsurface temperatures have to be higher than +5°C during processing and setting. Protect facade against direct solar radiation, rain or strong wind (e.g. scaffolding protection net).

High temperatures during summer shorten the drying time seriously and can lead to untimely drying out of the plaster

High air humidity and low temperatures can extend the drying time considerably and may lead to an irregular colour change. A consistent colour appearance can only be guaranteed if the products are from the same production batch. If several batches are used, always ensure that they are mixed before starting work.

The development of the colour tone can be influenced by the conditions of the subsurface, temperature and air humidity.

A waiting time of at least 14 days after application of Baunit NanoporTop is to be kept, before any further coating (based on 20°C and 60% rel. humidity)

Baunit NanoporTop contains a basic protection against algae- and fungus attack. Therewith, a preventive and delaying effect is achieved. We recommend increasing that protection at areas with critical surrounding (e.g. extreme moist-load, rainfall, closeness to water bodies or trees, etc.) A durable avoidance of algae and fungus can not be guaranteed.

Please pay attention to the bulletins (algae and fungus on facades) from ÖAP and the Quality Group ETICS

Sands, used in Baunit façade-plasters, are natural products. Thereby, it can happen sporadically, that those are visible as dark grains. Such case is not at all a quality defect, but a marginal optical impact, which proves the natural character and the natural properties of the raw materials of Baunit facade plasters.

Discolourations can happen due to mechanical impacts on the plaster surface. This alteration influences neither the function nor the product quality.

The brightness reference value may not be lower than 25 when used on ETICS.

In case of application on traditional plaster systems (without ETICS), ÖNORM B 3346 and the application guideline for factory mixed mortars are valid in the respective actual version.

**Safety precautions:**

Protect eyes and skin, surrounding of the areas to be coated, especially glass, ceramic, clinker, natural stones, lacquer and metal. Wash any plaster-splatter with lots of water, never wait until the plaster is cured.

Clean tools with water immediately after use

**Paintable with:**

Baumit NanoporColor

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Written and oral application technology recommendations provided by us to assist the seller/processor are based on our experience and reflect the current state of the art in science and practical application know-how. However, it is understood that these recommendations are non-binding. They do not create any legal relationship or any ancillary obligations in connection with the sale contract. They do not release the buyer from its obligation to verify the fitness of our products for the intended purpose or use by itself.