

Baunit NanoporFine

Ready to use topcoat render for sills and decorative elements



- Vapour permeable
- Self-cleaning and dirt resistant
- For smoother finishes

Product Overview

Ready-to-use, mineral finish render (thin topcoat). Baunit NanoporTop Fine's self-cleaning effect offers additional active protection against organic dirt which is removed by high air humidity and rain.

Composition

Innovative, mineral binders, potash water glass, mineral fillers, organic binders, colour and white pigments, micro fibres, additives and water.

Properties

Mineral, highly weather-resistant, high vapour permeability, high protection against dirt, inflammable, easy to apply (by hand or machine).

Application

Protection and design of facades and façade surfaces, in particular for decorative elements onto Baunit external wall insulation systems, as well as onto old and new mineral renders, concrete and for listed properties being renovated.

Technical Data

μ-value:	app. 20 - 30
gross density:	1.8 kg/dm ³
thermal coefficient:	0.7 W/mK
colors:	Life - anorganic (2-9)

	1mm
grain size	1 mm
consumption	app. 2 kg/m ²

Delivery Format

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

Storage

Store in dry, cool conditions, free from frost in sealed tubs. Shelf life 6 months

Subsurface

The substrate should be clean, dry, frost-free, dust-free, free from blow-outs or loose particles and load-bearing.
Suitable for: Mineral substrates, eg. Baunit basecoats and mortars, concrete or old renders such as Baunit PowerFlex.
Not suitable for: Plastics, resins, varnish and oil films, glues, lime renders and paints, wood and metal.

Subsurface Pre-treatment

- Strongly absorbent or irregular surfaces should be prepared using Baunit MultiPrimer (TiefenGrund).
 - Chalky and slightly sandy surfaces should be fixed with Baunit MultiPrimer (TiefenGrund).
 - Very sandy or crumbly render surfaces should be strengthened with Baunit SanovaPrimer (Putzfestiger) (check technical product data sheet)
 - For removing leftover oil on concrete use steam or an oil remover and then grind to remove
 - For cleaning dirty surfaces.
 - Treat substrates with algae or mildew with special product (eg Baunit FungoFluid).
 - To remove badly bonded and weathered coats of paint.
 - Fill harmful or cracked mineral surfaces with filler (eg. Baunit MultiContct MC55) and possibly also with Baunit mesh.
- In addition to the given pre-treatments, all substrates should be given a coat of Baunit UniPrimer (Curing time: minimum 24 hours).

Processing

Coating build up for larger areas:

1 x Baunit UniPrimer (even and full covering) or

2 x Baunit UniPrimer (on repaired or strongly absorbent mineral substrates). After the Baunit UniPrimer has dried for a minimum of 24 hours, 2 coats of Baunit NanoporTop Fine can be applied.

Baunit NanoporTop Fine should be mixed well with a mechanical stirrer before application. The finish render is applied with a stainless steel trowel to the whole surface and then trowelled smooth.

After curing for a minimum of 24 hours, a second coat of Baunit NanoporTop Fine is trowelled or sprayed on with a suitable fine render machine. If spraying, ensure the correct grain size is selected and that the render is smoothed with a plastic float. Do not mix with other coating materials. Apply evenly and without interruption.

The air, material and substrate temperature should be a minimum of + 8 C during application and for curing.

Notes and General Informations

Weather protection: Protect the façade from direct sunlight, rain or strong wind (eg scaffold nets). High air humidity and/or low temperatures (eg late Autumn) can significantly delay the drying time and mean that the colour shade dries to an uneven shade. High temperatures in summer shorten the drying time (possible burning of the coating).

Colour shade: The development of the colour shade can be influenced by the substrate conditions, temperature and humidity. Above all, façade parts (scaffold shadows), unevenness in the substrate (texture, absorbency) and different weather conditions produce colour variations (stains). Colour evenness can only be guaranteed within one batch order. If using product from different batch orders, mix together before applying. Sands used in the Baunit façade renders are natural products. This can mean that occasionally darker grains are visible. This is not a quality issue, but a slight optical impairment showing off the natural character and properties of the raw materials that make up the Baunit façade renders. Mechanical effects on the render surface can cause variation in colour tone (filling material). These colour tone variations do not affect the performance or the quality of the product.

Light reflectance value: The light reflectance value should not be below 25 when using on external wall insulation systems.

Revision note: Before application another coat, allow to cure for minimum 14 days (at 20 ° C temperature and 60 % relative humidity).

Microbial cases: This topcoat render contains components to protect against algae and mildew. This builds in a preventative and delayed effect. Strengthen this mixture for projects being built in critical environmental conditions. (eg above average moisture, rain, proximity to waters, foliage, on the edge of forests etc.) We cannot guarantee that algae/mildew over the long term will not affect the rendered surface.

Safety precautions: see safety data sheet.

Tips for cleaning: Protect eyes and skin, as well as the surrounding areas, especially glass, tiles, natural stone, varnish and metal. Clean spray off with water. Do not allow render to harden before removing. Clean tools and machines immediately after use.

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