Baumit NanoporColor

Self-cleaning and dirt resistant, silicate based facade paint

- **Self-cleaning**
- **High durability**
- **Breatheable**

Product Overview

Ready to use, mineral based, self-cleaning, pollution-resistant silicate-based façade paint for internal and external use. The microstructural surface, nanocrystalline and inorganic additives significantly reduce staining when compared to other coatings.

Composition

Innovative mineral binders, mineral fillers, silicate, microfibres, inorganic colour and white pigments, mineral additives and water.

Properties

- Mineral based non-film forming paint. Low stress drying, highly weather resistant, water vapor and CO2 permeable, stain resistant, non-flammable.
- Easy to use.
- The microstructural surface, nanocrystal line and inorganic additives significantly reduce staining compared to other coatings.

Application

- A paint finish application providing decoration and protection to facades. For application over old and new mineral and inorganic coatings and substrates, such as render basecoats, contact mortars and concrete.
- Suitable in conservation and renovation work.
- Mineral, modified and easy to use contact mortar with a range of uses.
- Once cured, the product has good bonding strength, is water vapour permeable and resistant to weathering, water ingress and frost penetration.
- For use in external and internal areas.

Technical Data

Color:	Selected colour shades from Life Colored by Baumit
µ-value:	app. 30 - 40
solid content:	app. 65 %
gross density:	app. 1.5 kg/dm³
pH-value:	12
colors:	Life - anorganic (2-9)

	14L	5L
consumption	app. 0.2 l/m² per coat	app. 0.2 l/m² per coat
	app. 10 m²/bucket for two coats	app. 15 m²/bucket for two coats

Delivery Format

14L bucket, 1 pallet = 24 buckets = 336L
5L bucket, 1 pallet = 64 buckets = 320L

Storage

Store in dry, cool conditions, free from frost in sealed tubs. Shelf life 12 months.

Subsurface

Substrates must be sound, clean, dry, free from frost, dust efflorescence and not water repellent. Existing mineral based coatings and paints must be sound and well bonded to the substrate (confirm with pull off tests and/or cross cut tests acc. To Baumit guidelines).
Suitable substrates:

- Mineral basecoats on External Wall Insulation systems, (see above).
- Lime and cement renders, concrete. Well bonded mineral, silicate paints and coatings.

Subsurface Pre-treatment

Refer to Baumit for advice regarding other substrates and substrate preparation.

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Processing

Baumit NanoporColor must be well and slowly mixed with an electric hand mixer before application. Where required a minimal amount of water may be added to improve workability.
Baumit NanoporColor is applied with a paintbrush or roller in one or 2 coats depending on substrate and weather conditions. Leave to dry for at least 4 hours between coats.
It should be applied systematically and continuously in complete sections.
Paint system onto sound low suction substrate:
1 x Baumit NanoporColor thinned with max. 10 - 15% water as a full and even priming coat. Leave to dry for at least 12 hours.
1 x Baumit NanoporColor thinned with max. 5%. Paint system onto friable, high suction or mixed substrates or old EWI systems:
1 x Baumit MultiPrimer/SanovaPrimer penetrating stabilizer (thinned up to 50%). Leave to dry for at least 24 hours.
1 - 2 NanoporColor thinned (thinned with max. 10% water).

Notes and General Informations

The air, material and background temperature must be above +8° C during application and curing. Protect the facade from direct sunlight, rain and strong winds (i.e. with scaffold nets). High air humidity and low temperatures can prolong drying times considerably. Products from different batches must be mixed together prior to application. Colour tone development can be affected by the background conditions, temperature and air humidity level.
Baumit NanoporColor is equipped with a basic level of protection against algae and fungal growth. This achieves a preventative and inhibiting effect. For projects in critical environments (e.g. areas with above average humidity, rainfall, close proximity to water, plants, shrubbery, trees and woodland) we recommend an increased level of protection. A long term eradication of algae and fungal growth cannot be guaranteed.
A Light Reflectance Value lower than 25 must not be used for application on to External Wall Insulation systems.
Baumit NanoporColor should be left to dry for at least 14 days (at +20 C° and 60 % rel. humidity) before receiving any further coatings.
Protective measures: Protect eyes and skin, and surrounding areas, especially glass, ceramic, brick, natural stone, varnishes and metals. Wash away any splashes with plenty of water. Do not allow to dry and harden.
Clean tools and equipment thoroughly with water immediately after use.

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