



Cool Barrier Grip Nano

Characteristics

A nanostructured, extremely durable, water-based acrylic primer and sealer, suitable for the pre or post treatment of mineral surfaces subject to painting or waterproofing works, with Cool Barrier Wall or Roof Coatings. Cool Barrier Grip Nano effectively stabilizes chalky and sandy surfaces, reduces their absorbency, while performs excellent resistance to alkalis and stains.

Way of Action

It deters the appearance of capillary cracks, the growth of fungus and mould, as well as the creation of salts. It contributes to the maintenance of the aesthetic perfection of the surfaces that it is applied without shining or influencing their natural beauty and texture. It protects surfaces for long time spans while it facilitates their regular cleaning from mud-rain as well as atmospheric pollutants and smog deterring their infiltration in the surface porous. Odorless, user and environmentally friendly.

Due to the special properties of nanoparticles which are included in its composition, the product adheres deeply into the surface without blocking transpiration and at the same time fills the porous of the substrate, preparing a smooth basecoat for the final top coating.



Cool Barrier Grip Nano Ensures

- Drastic reduction in water uptake
- Retention of high water-vapor permeability
- Very good penetration
- Adequate resistance to alkalis
- Surfaces not rendered shiny or tacky, or caused to yellow
- Excellent adhesion and cohesion effect
- Environmental compatibility

Technical Details

Cool Barrier Grip Nano should be thoroughly stirred and be uniformly applied on the substrate by brush, roller or spraying, until full impregnation. In most of the case surfaces, a second layer is required. A second layer, where necessary is applied once the first layer has been dried completely.

Suitable Surfaces

Use externally and internally on chalky, sandy, strongly absorbent surfaces.

Way of Application

Apply with a brush, roller or spray.

Consumption: One litre will cover approx. 6, 0 - 8, 0 m². This is equivalent to approx. 150-100 ml/m² per coat. Determine exact quantities by means of test coats, especially on new projects. This is a high volume solid product. Determine exact dilution rates, if necessary according to project's needs. Please contact abolin's technical team for proper dilution rates.

Packaging: Cool Barrier Grip Nano is available in plastic containers of 10 lit.

Storage: Shelf-life in sealed containers is at least 12 months, in frost-free conditions.

Cleaning of tools: Tools must be cleaned with water immediately after use.

Remarks: Temperature during application must be between +5°C to +35°C.

Drying: The surface is dry and can be recoated after approx. 8-10 hours at +20°C and 65% rel. humidity.

Cool Barrier Grip Nano after has been dried is almost transparent. Therefore, when applying the product as sealer, **Cool Barrier Grip Nano** should always be applied under trial because it can change the colour aspect of the surface.

Surface preparation: The surface to be primed must be dry and free of dust, grease, dirt etc. **Form:** liquid. **Color:** Translucent **Density:** 1, 00 kg/lit. **pH:** 8,5

VOC's Content: (Directive 2004/42/EK) Category A/g Y type): 40 gr/lit (2010). Ready to use, the product contains max 20 gr/lit VOC. **Solids by Volume:** 50%

Safety and precautions: Before any use please consult the MSDS file of the product.