

Nature Shield Silicon Primer



Characteristics

This is a hybrid silicon emulsion primer intended for the “water-repellent pre-treatment” of surfaces, which are going to be panted using silicone emulsions as top coats. The product is distinguished by its excellent properties of penetration. Nature Shield Silicon Primer stabilizes chalky and sandy surfaces and reduces their water absorbency, without blocking the water vapour permeability.

Water-repellent treatment

The term “water-repellent treatment” refers to the treatment of mineral substrates, especially facades of fair faced masonry and concrete, with hydrophobic impregnating agents.

Nature Shield Silicon Primer reduces the capillary absorption of the building which it has penetrated, but does not clog pores or capillaries. There is therefore little or no impairment of the building material's ability to “breathe”.

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, and at the same time fills the porous of the substrate, preparing a smooth basecoat for the final top coating.

Nature Shield Silicon Primer Ensures

- Reduction in water uptake
- Retention of high water-vapor permeability
- Very good penetration
- Adequate resistance to alkalis
- Environmental compatibility
- Excellent adhesion and cohesion effect
- Water-based

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

The management system has been certified according to EN ISO 9001

Double Way of Action

Unlike film-forming and penetrating primers, such as those based on acrylics or silanes/siloxanes, **Nature Shield Silicon Primer** without sealing the pores stabilises mineral substrates and creates a proper surface profile for the subsequent top coatings application.

Suitable Surfaces

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

Way of Application

Apply with a brush, roller or spray.

Surface Preparation

The surface should be dry, free of contaminants and release agents. Remove loose layers.

Coating Structure

Use Nature Shield Silicon Primer undiluted. Prime strongly absorbent surfaces twice while still wet.

Coverage

One litre will cover approx. 6,0 - 8,0 m² in new surfaces applications. This is equivalent to approx. 150-125 ml/m² per coat. Determine exact quantities by means of test coats.

Application Temperature

At least +5°C air and surface temperature during application and drying.

Drying

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

Equipment Care

Rinse thoroughly with water immediately after use.

Compatibility

Do not mix with other materials.

Form: liquid

Color: Translucent to Milky

Density: 1, 00 kg/lit

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