

PHIZON[®] FP28

Water repellent for building material surfaces

Description

PHIZON[®] FP28 is a water base, solventless silane/siloxane emulsion. It serves as a high quality, general-purpose water repellent for most building material surfaces.

It is excellent in water repellent for many absorbent mineral and even highly alkaline substrates, such as bricks, concrete, sandlime brick, natural sandstone and mineral plasters. It is not so suitable for less absorbent, dense natural stone, especially limestone and marble.

Product Technical Data & Specifications

Colour:	Appearance milky, white
Active substance content, approx. [wt %] :	10
Density at 25 °C, approx. [g/cm ³]:	0.95
Viscosity at 25 °C, approx. [mm ² /s]:	12
PH:	approx. 8
Consumption: Depends on substrate quality and porosity	
On concrete and mortar:	150-200 g/m ² (5-6.5 m ² /litre)
On porous material:	300-500 g/m ² (2-3.3 m ² /litre)

These figures are intended as a guide and should not be used in preparing specifications.

Advantages

1. Good depth of penetration
2. High resistance to alkalis
3. Rapid development of water repellency
4. Provides good adhesion for paints
5. Water-based and environmentally compatible
6. Stable in storage

PHIZON[®] FP28 emulsion contains a stabilized mixture of silanes and siloxanes that are susceptible to hydrolysis. Hydrolysis occurs only after application to the substrate, which breaks the emulsion. Alcohol is released and the emulsion is converted into a silicone resin water repellent. PHIZON[®] FP28 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".

Application

PHIZON[®] FP28 can be applied using a low-pressure spray gun, brush or roller

Do not need to mix

Apply wet on the wet to ensure it completely adheres

Can be overcoated

Storage

PHIZON[®] FP28 has a shelf life of at least 18 months when stored between 0 °C and 30 °C in the tightly closed original container. The 'Best use before end' date of each batch appears on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable.

In our experience, the more dilute they are, the more they tend to cream. However, this phase separation may be reversed by brief stirring or agitation. This will restore it to a homogeneous emulsion, without loss of efficacy.

Legal notes

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