SMARTCARE

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Smartcare Salt block

Penetrating liquid for damp and salt containing substrates

Description

Salt Blocker is a thin-film forming, polymer/silicate-based liquid. When applied to salt-containing or damp substrates, it reduces the pore volume and prevents the development of salt efflorescence. It also increases the chemical and mechanical bond strength of cementitious building materials. It penetrates up to a depth of 2 -3 mm. It has strengthening and hydrophobic properties, and is compatible with mortars, cement-based slurries, and concrete substrates.

Fields of application

Salt Blocker is also used to strengthen, protect, and reduce the absorption of cement-based substrates, even with problematic materials. It also decreases the risk of new development of salt efflorescence and raises the resistance of cementitious substrates to freeze/thaw cycles. Do not install over gypsum based materials

Properties

Appearance	Translucent liquid
Specific Gravity	1.05
Dry film appearance	Transparent, slight sticky
Over coating time for cement based product for acrylic or silicate paints	30 min 24 hours

Application Method

Surface Preparation:

Salt Blocker can be applied to dry or damp absorbent substrates. The substrate must be free of oil and must remain dust free throughout application. Remove salt efflorescence prior to application by abrasive | blasting or scarification

Application

Salt Blocker can be brush- or spray-applied. During the curing time, the surrounding and substrate temperature must not fall below 5°C. Remove any salts that pass through the surface of the substrate during curing.

Negative side waterproofing

For Negative side waterproofing over apply Crystalline waterproofing over Salt Blocker. Please refer Negative side waterproofing data sheet for more information.

Packing

20 kg bags

Coverage

Dependent on application
As a deep penetrating primer: Approx. 10 - 12 m2/L

Storage

Store in a shade area away from direct sunlight.

Cleaning

Clean all equipment and tools with water immediately after use.

Shelf life

Store in a cool, dry place. Protect from freezing. In originally sealed packaging, it can be stored for 12 months.

Safety Precautions

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles. Use a barrier cream.
on this product.
Eyes: in the event of accidental splashed, flush eyes immediately with warm water and obtain medical advice
Skin: wash skin thoroughly with soap and water
Inhalation: move patient to fresh air, loosen collar and keep rested.
Ingestion: do not induce vomiting, obtain immediate medical attention
For detailed handling & storage information refer to MSDS

Note: The information supplied in our literature or given by our employees is based on extensive experience and, together with that supplied by our agents or distributors, is given in good faith to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of work, we accept no liability for any loss or damage which may arise as a result thereof.

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