Technical Data Sheet Efflorescent Elimination

ULTRATEX
WALL CLADDING & COATING

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Properties

- Efflorescent elimination is applied as water repellent additive on absorbent substrates
- Efflorescent elimination has an excellent penetration capacity and quickly leads to a hydrophobic character on alkaline grounds
- Efflorescent elimination strongly reduces the capillary absorbing power of the treated surface but does not clog the pores
- Efflorescent elimination reduces the salt absorption of the treated substrate
- Efflorescent elimination has a high protective effect against the alternating impact of frost / de-icing salt

Storage

If stored properly in original containers (tightly closed at temperatures between 5 °C and 25°C), the product will hold for 12 months

Characterization
Water repellent agent for the surface treatment of alkaline grounds
Chemical Structure
Aqueous emulsion of silane and polysiloxane
Appearance
White liquid
pH Value
5.0 – 7.0
Active Content
Approx. 40 %

Stabilities Efflorescent elimination is sensitive to frost; after the impact of temperatures around the freezing point irreversible changes will occur.

Recommendation for Use

Efflorescent elimination is applied on the alkaline substrate. Soilings are to be removed prior to applying the product. The substrate must be dry, solid and free from dust and grease. The efficiency and penetration depth of Efflorescent elimination are better the drier the ground is. Water spots or individual moist spots on the concrete surface lead to an uneven impregnation. Water or rain must not get in contact with the emulsion. Freshly treated surfaces must be protected from water impact.
If Efflorescent elimination is used in combination with insulating materials, the stability of the insulating material to Efflorescent elimination must be tested. A direct contact with bitumen must be avoided at any rate.

Application

Efflorescent elimination is processed by flooding, or saturated application with the brush. A double "wet-on-wet" application is absolutely recommended to avoid defects.
Efflorescent elimination is excellently suited for the use on absorbent, alkaline grounds:

- Concrete
- Reinforced concrete in bridge, road and building construction