

ELOTEX SRT100

ELOTEX® SRT100 is an encapsulated fluoroalkyl silane in powder form that provides outstanding water and oil repellent properties for easy-to-clean surfaces of cementitious mortars. The active ingredient of ELOTEX® SRT100 is released when the mortar is mixed with water, and it subsequently binds covalently to the inorganic mortar matrix. Therefore, it offers long term durability, an outstanding pearl effect, and excellent stain resistance for cement based mortars. ELOTEX® SRT100 is fully efficient in alkaline medium at pH > 10. It provides excellent protection against water and oil penetration even at very low dosage. ELOTEX® SRT100 provides mortars with excellent wetting and mixing properties and is easy to dose with low dust formation. Furthermore, it has a long term shelf-life.

Specifications

Appearance	Free flowing white powder
Bulk density	250-450 g/l
Residual moisture	≤ 2.0 %
pH, 10% redispersion in water	6.0-9.0
Composition	Fluorosilane-based additive
Odour	None

Applications

Cement based tile grouts; cementitious waterproofing membranes. For any additional applications please contact your local consultant.

Storage

Store ELOTEX® SRT100 in a cool, dry place in original packaging at temperatures not exceeding 25 °C and process within 12 months after the date of delivery. Avoid contact with moisture and heat, or leaving buckets open for an extended period, as this may result in blocking of the powder. If the product is stored for longer than 12 months after the date of delivery, users are advised to evaluate properties required for the intended use.

Packaging and transport

Standard packaging: 5 kg plastic buckets. Other types of packaging are available on request.

Safety and handling

All individuals using ELOTEX® powder or coming in contact with it are recommended to observe the separate Safety Data Sheets. Our safety specialists will be pleased to advise you on the safety, health and environmental issues relating to our products. Powder processing: ELOTEX® SRT100 can be blended in all commercial mixers with other dry additives to produce cement-based finished products in powder form. Significant temperature increases caused by strong shear forces should be avoided. All hydraulically and non-hydraulically curing dry mortars used with ELOTEX® SRT100 can be easily mixed with water before application.

Additional information

Dosage and Mixing: The recommended dosage of ELOTEX® SRT100 is between 0.5 and 1.0% (weight % on dry mortar). Prolonged mixing time during dry mortar production should be avoided.

Compatibility: ELOTEX® SRT100 is compatible with all standard mortar additives, such as redispersible polymer powders, accelerators, retarders, cellulose ethers etc.

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