

# ELOTEX SEAL81

ELOTEX® SEAL81 is an encapsulated silane in powder form that provides excellent water-repellent properties on the surface and in mass of cementitious mortars. The active ingredient of ELOTEX® SEAL81 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 and an excellent pearl effect. ELOTEX® SEAL81 is fully efficient in alkaline medium at pH > 10. It provides significant reduction in water uptake. ELOTEX® SEAL81 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	650-850 g/l
Residual moisture	≤ 2.0 %
pH, 10% redispersion in water	9.0-11.0
Composition	Silane-based additive
Odour	None

## Applications

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

## Storage

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

## Packaging and transport

Standard packaging: 25 kg paper sacks with polyethylene liners. Other types of packaging, such as Big Bags, 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® SEAL81 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® SEAL81 can be easily mixed with water before application.

## Additional information

Dosage and Mixing: the recommended dosage of ELOTEX® SEAL81 is between 0.2 and 1.0% (weight % on dry mortar). Prolonged mixing time during dry mortar production should be avoided.

Compatibility: ELOTEX® SEAL81 is compatible with all standard mortar additives, such as redispersible polymer powders, accelerators, retarders, cellulose ethers etc.

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