
Product Description

ELOTEX® FX2500 is a redispersible binder based on the copolymer of vinyl acetate and ethylene.

Protective colloid	Polyvinyl alcohol
Additives	Mineral anti-block agents
Plasticisers	none
Solvents	none
Film-forming agents	none

Specifications

Appearance	free flowing, white powder
Bulk density	450 - 650 g/l
Residual moisture	< 2 %
Ash (DIN EN 1246 / 950 °C, 30 min)	10.5% +/- 1.5 %
pH value	6.0 – 8.0 (as a 10% dispersion in water)
Min. film building temp.	approx. 0°C
Film properties	opaque, viscoplastic

Application Areas

ELOTEX® FX2500 is a flexible redispersible binder with hydrophobic properties for the modification of mortar and plaster systems, based on cement with/without hydrated lime. Highly recommended for outdoor use in cement-based systems where flexibility and low water absorption properties are required.

Main application areas

- ETICS: adhesives and base coat renders
- Base coat renders
- Finishing renders, skim coats
- Standard tile adhesives, ISO 13007 C1
- Standard tile grouts, ISO 13007 C1
- Non structural repair mortars

Key Properties

During processing

- Excellent redispersability
- Reduced water demand
- Excellent rheology and workability
- Good open time performance

In the cured state

- Reduced water absorption (in most formulations other hydrophobic agents can be withdrawn)
- Increased flexibility and impact resistance even at low temperatures
- Increased adhesion, especially on EPS, XPS and MW boards
- Increased cohesion
- Increased surface abrasion resistance
- Avoids crack formation
- Increased long-term performance

Powder Processing

Elotex redispersible powders can be blended in all commercial positive mixers with other dry additives to produce finished products in powder form. Since Elotex redispersible powders exhibit thermoplastic behaviour, mixing times should be as short as possible, and significant temperature rise caused by strong shear forces should be avoided. All hydraulically and non-hydraulically curing dry mixtures with Elotex redispersible powder may be easily mixed with water before application.

For mixing finished products in powder form, one usually places the required amount of mixing water in a suitable vessel and add the powder mixture under agitation. Too intensive agitation of the mixture may result in unwanted air inclusion. Before application, one should allow the mixture to stand for a short time.

Packaging and Storage

Standard packaging: 25 kg paper sacks with polyethylene liners.
Other types of packaging such as Big Bags or silo wagons are possible on request.

As a basic rule it is recommended to store Elotex redispersible powder in a dry location at temperatures below 25°C and to process within six months. Sacks that are stored under pressure, damaged or left open for an extended period tend to cause blocking of the redispersible powder.

Quality, Safety and Environment

Elotex redispersible powders are non-toxic and are unclassified according to Regulation 88/379/EEC. We recommend all individuals using Elotex redispersible powder, or coming in contact with it, to observe the separate Safety Data Sheets. Our safety specialists will be pleased to advise you regarding safety, health and environmental issues of our products. Elotex has been certified according to DIN EN ISO9001 and DIN EN ISO14001.

Product Liability

The above information and recommendations are based upon our experience and are offered merely for advice. They do not absolve the consumer from making his own tests. Elotex AG, their representatives or distributor organizations have no control over the conditions under which Elotex redispersible powders are transported, stored, handled or used. Responsibility for damage arising from the use of our products cannot be derived from the recommendations given. The observance of any intellectual property rights of third parties is the responsibility of the consumer in each case.

Technical information may not be passed on to any third party without our previous consent.

Other Information

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