MP6800

Technical Datasheet

Product Description

ELOTEX® MP6800 is a redispersible binder based on a copolymer of vinyl acetate, ethylene and vinyl chloride.

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	400 - 600 g/l
Residual moisture	< 1.0%
Ash TGA 1000°C	10.5% +/- 1.5%
pH value	6.5 – 9.0 (as a 10% dispersion in water)
Min. film building temp.	+ 5°C
Film properties	opaque, viscoplastic

Application Areas

For modification of mortar and plaster systems, based on cement with/without hydrated lime.

Main application areas
– Highly versatile redispersible powder with broad performance spectrum

Key Properties

During processing
– Improved processing properties
– Improved flow and levelling properties
– Reduced water demand

In the cured state
– High final strengths
– Increased cohesive force (cohesion)
– Increased adhesive bond strength (adhesion)
– Increased flexibility
– Increased abrasion resistance
– Reduced cracking
– Reduced shrinkage tendency

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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. Depending on the properties of the other additives, the standing time will be in the range of approx. 1-5 minutes.

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® 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 powder.

Quality, Safety and Environment

In general ELOTEX® redispersible powders are-not classified as hazardous. However, 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.

Akzo Nobel Chemicals AG 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. Akzo Nobel Chmicals AG, their representatives or distributor organizations have no control over the conditions under which ELOTEX® 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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