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**Product Description**

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**ELOTEX<sup>®</sup> ELOSET542** is a carbohydrate.

Chemically modified starch.  
Free of plasticizers and solvents.  
Contains no preservatives.

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**Specifications**

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Moisture content (as packed)	max. 10.0 %
pH (10 % in H <sub>2</sub> O)	4.8 - 7.2
<b>Sieve analysis</b>	
< 100 mesh (0.149mm)	min. 95 %
< 200 mesh (0.074 mm)	min. 75 %

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**Application Areas**

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Modification of hydraulically and non-hydraulically setting systems.

- Thin-bed adhesive mortar, gypsum and cement based
- Manually and machine applied, gypsum and cement based plasters
- Masonry mortar
- Gypsum based filling compounds, joint and crack fillers
- Adhesive and composite mortars for thermal insulation systems

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**Key Attributes**

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**Gives the finished product**

- very good working properties
- long open time
- high rigidity
- high yield
- reduced stickiness

ELOSET542 is generally used in combination with cellulose ethers. Typical addition is 5 - 20% of the cellulose ether quantity for plasters, i.e. 0.005 - 0.03% with respect to the finished product, and 5 - 10% of the cellulose ether quantity for tile adhesives, i.e. 0.02 - 0.06% with respect to the finished product.

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**Powder Processing**

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ELOSET542 can be blended in all commercial positive mixers with other dry additives to produce finished products in powder form.

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**Packaging and Storage**

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

The product is hygroscopic, so it must be stored in its original packaging in a dry place, and it must be processed within twelve months.

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**Quality, Safety and Environment**

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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 ISO 14001.

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**Product Liability**

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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.

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**Other Information**

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Version	3 / 21.7.2006
Replaces version from	19.9.2005
Date of issue	29.8.2002
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Elotex AG is a National Starch and Chemical Business