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**Product Description**

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**ELOTEX<sup>®</sup> ERA100** is a highly active, resin based anti efflorescence compound.

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

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**Specifications**

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Appearance	free-flowing, yellowish powder
Bulk density	350 - 550 g/l
Residual moisture	< 2.0%
Ash at 1000°C	6.5% +/- 1.5%
pH value	6.0 – 8.0 (as 10% dispersion in water)

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**Application Areas**

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ELOTEX<sup>®</sup> ERA100 is a special additive for cement-based mortar systems. It is ideally suited for joint fillers, renders, skim coats and cement powder paints. Basically, wherever elimination of primary efflorescence is required with cement-based mortar systems.

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**Key Properties**

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**During processing**

- Good mixing properties
- Compatible with other additives
- No detrimental effects on working properties

**In the cured state**

- Eliminates or drastically reduces the occurrence of primary efflorescence
  - Increases hydrophobicity, water repellency
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**Powder Processing**

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ELOTEX<sup>®</sup> ERA100 can be mixed with other dry additives in all standard compulsory type mixers to produce cement-based finished products in powder form. The amount of ELOTEX<sup>®</sup> ERA100 to be used is between 0.1 and 0.4% (dry) depending on the ultimate requirements on the product. As short a mixing time as possible is recommendable.

Major temperature increases due to high shear forces should be avoided. All hydraulically curing dry mixtures with ELOTEX<sup>®</sup> ERA100 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 adds 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 standard time will be in the range of approx. 1-5 minutes.

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**Packaging & Storage**

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Standard packaging: 15 kg or 20 kg paper sacks with polyethylene liners.  
Store in original packaging. Do not store bulk quantities of more than 100 kg in a silo or a Big Bag.  
Consume bulk quantities within one week.

As a basic rule it is recommended to store Elotex powder in a dry location at temperatures below 30°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 product.

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**Quality, Safety and Environment**

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Elotex powders are non-toxic and are unclassified according to Regulation 88/379/EEC. We recommend all individuals using Elotex powders 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.

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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 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	5 / 21.10.2009
Replaces version from	19.9.2008
Date of issue	21.7.2006
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