

---

**Product Description**

---

**ELOTEX<sup>®</sup> SEAL80** is a highly active, redispersible, silane based waterproofing agent.

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	200 - 400 g/l
Residual moisture after production	< 2%
pH (10 % in H <sub>2</sub> O)	7.0 - 8.5

---

**Application Areas**

---

Special additive for waterproofing mineral, cement-based mortar systems. Ideally suited for plasters, renders, joint fillers, sealing mortars/slurries and cement powder paints in exterior and wet applications. Basically wherever a high degree of hydrophobicity is required with cement-based mortar systems.

---

**Key Properties**

---

**During processing**

- Excellent mixing properties with practically no wetting delay
- No detrimental effects on working properties
- Compatible with other additives

**In the cured state**

- Excellent hydrophobicity, water repellency
- Greatly reduced water absorption
- Reduced susceptibility to dirt
- Long-lasting effectiveness
- Slightly increased final strengths
- Slightly improved bending tensile strength, compressive strength and abrasion resistance

---

**Powder Processing**

---

ELOTEX SEAL80 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 SEAL80 to be used is between 0.2 and 1.0% (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 and non-hydraulically curing dry mixtures with ELOTEX SEAL80 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: 10 kg / 15 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 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.

---

**Quality, Safety and Environment**

---

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

---

**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**

---

Version	4 / 18.12.2006
Replaces version from	13.6.2006
Date of issue	10.7.2001
For regulatory information contact	Elotex AG/SA CH-6203 Sempach Station Phone +41 41 469 69 69 Fax +41 41 469 69 00 www.elotex.com <a href="mailto:contact.elotex@elotex.com">contact.elotex@elotex.com</a>

Elotex AG is a National Starch and Chemical Business