

## Producto: AD015 Resina MP 2701

## Fabricante: **ELOTEX**<sup>®</sup>

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### Product Description

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**ELOTEX<sup>®</sup> MP2701** is a redispersible binder based on a copolymer of vinyl acetate and ethylene.

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

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### Specifications

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|-------------------------|--|
| Appearance              | free-flowing, white powder             |
| Bulk density            | 500 - 700 g/l                          |
| Residual moisture       | < 1.0 %                                |
| pH value                | 6.5 - 8.0 (as 10% dispersion in water) |
| Min. film forming temp. | + 2°C                                  |
| Film properties         | opaque, viscoplastic                   |

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### Application Areas

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For modification of hydraulically and non-hydraulically setting systems.

#### Main application areas

- Tile grouts
- Repair mortars
- Self-leveling floor compounds, particularly casein-free systems
- Ideal for use in manual applied and pumpable finished products
- Multi-purpose use in hydraulic curing systems

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### Key Attributes

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#### During processing

- Excellent rheology and workability
- Improved flow and leveling properties
- Excellent rehealing properties
- Reduced water demand
- Improved water retention
- Increased open time
- Ideal wetting behavior
- Fast redispersibility
- Very low emission

#### In the cured state

- High final strengths
- High cohesive force (cohesion)
- Increased adhesive bond strength (adhesion – especially to wood/plywood)
- Increased flexibility
- Optimization of abrasion and impact resistance
- Reduction of shrinkage and cracking

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## **Powder Processing**

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ELOTEX<sup>®</sup> redispersible powders can be blended in all commercial positive mixers with other dry additives to produce finished products in powder form. Since ELOTEX<sup>®</sup> redispersible powders exhibit thermoplastic behavior, 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<sup>®</sup> 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 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: 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<sup>®</sup> 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.

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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<sup>®</sup> 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.

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