



Redispersible Powder EP55 Technical Data Sheet

REDISPERSIBLE POWDER EP55 is a water dispersible polymer powder based on a copolymer of vinyl acetate and ethylene, using poly(vinyl alcohol) as a protective colloid.

Specifications

Appearance: free-flowing white powder
Bulk density: 540 ± 40 g/L
Particle size: Approx. 80(μ m)
MFFT: Approx. 0 $^{\circ}$ C
Residue moisture: $\leq 2.5\%$
pH value: 7.0 ± 1.0
Ash content: $10\% \pm 2\%$
Film properties: Opaque, Elastic

Applications

REDISPERSIBLE POWDER EP55 is high flexible with good adhesion. The typical application field is polymer-modified dry mixtures based on mineral binders such as cement, lime or gypsum:

- Flexible ceramic tile adhesives
- Flexible skim coats
- Embedding mortar for EIFS
- Waterproofing mortars
- SLU and repair mortars
- Floor / wall troweling compounds
- Gypsum applications

Properties

REDISPERSIBLE POWDER EP55 contains high ethylene component. Therefore, its property becomes flexible and increases internal plasticity. As a result it provides the following benefits:

- increases the flexibility of mortar
- improves workability

- improves impact resistance
- improves fluidity
- reduces shrinkage rate and prevents cracking

Packaging and Storage

The product is packed in multi-layer paper bags with an inner polyethylene bag. Net weight 25KG. The empty bags can be recycled or burned. In unopened bags, this product can last several years. In opened bags, the moisture content of this product will be influenced by air humidity. See MSDS for information on handling, transportation, and storage of the product.

CAS Number

24937-78-8

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