

Redispersible Polymer Powder

Technical Data Sheet

Product description:

Redispersible Polymer Powder is a free-flowing powder formed by drying vinyl acetate and ethylene which can dissolve in water easily and quickly forms emulsion. It has good adhesive strength, excellent resistance to alkaline water, weather resistance, freezing-thawing resistance and excellent flexibility in the low temperature. As the external wall of heat preservation to bond the mortar powder for special uses. It has many advantages, such as simple ingredients, easy use, low costs and stable performance.

Suggest Applications:

- * Glue & adhesive
- * Exterior wall plaster mortar
- * Exterior wall flexibility putty
- * High flexibility cement based mortar products
- *Gypsum plaster
- *Ceramic tile adhesive
- *Decorative mortar
- *Flexible putty for exterior wall polymer mortar

Properties:

Dry-mixed mortars modified with RDP can improve the adhesion between mortar and its substrates and improve the mechanic property and construction of mortar. flexural strength in bending, abrasion resistance, deform-ability. It has good water retention working performance, and can increase the sag resistance of tile adhesives, it can made up to tile adhesives with excellent non-slump properties and putty with good properties.

Product Technical Data:

Polymer Composition	VAE
Appearance	White Powder, free flowing
Stacking density (kg/m ³)	350--550
Solids content	≥ 98 %
Ash content (%)	12±2
Average particle size (μm)	80-100
PH Value	5-8
MFFT, °C	1±2
TG (Glass Transition Temperature)°C	0-20

Application:

Typical applications for Redispersible Polymer Powder: not only for blending with inorganic binders, such as cement, gypsum, and hydrated lime for the manufacture of thin bed mortars, self-leveling mortars, wall troweling compounds and tile adhesive, but also as the exclusive binder for synthec-resin-bound systems.

Package:

In 25kg Compound triple paper-plastic square bottom value package. 14MT/20'FCL with pallets; 16MT/20'FCL without pallets

Storage:

Do not damage during the transportation; Protect from humidity, rain, sunlight, damp and wet; Put in dry and ventilated place during storage

