



D-Polymer

Redispersible Polymer Powder

Technical Data Sheet

Product Description

D-Polymer is a copolymer powder of 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

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

Properties

Dry-mixed mortars modified with **D-Polymer** 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	VAC/VeoVa/E
Appearance	White Powder
Stacking density (kg/m ³)	350--550
Solids content	min. 98 %
Ash content (%)	12±2
Fineness (µm)	80-100
PH Value	5~8
50% with water Viscosity	0.5~2.0
MFFT (°C)	1±2
TG	7±2

Application

Typical applications for **D-Polymer**: 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 synthetic resin-bound systems.

Storage

D-Polymer should be stored in a cool and dry place and protected against moisture. Since the product is thermoplastic. The storage temperature not over 30 Deg.C. It should not be subjected to pressure of high temperatures during storage because of the risk of caking. Storage time should not exceed one years from receipt of delivery. If you can't use out one bag on time, you'd better seal it again.

Package

In 25kg Compound triple paper-plastic square bottom value package.

Safety Notes

The above data is in accordance with our knowledge, but do not absolve the client fully checking it all immediately on receipt. Please do more testing before using it. To avoid the difference formulation and different raw materials. and we reserve the right to alter our product and without informing in advance.

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