



Re-dispersible powder polymer KPP-40W

Product Data

Kimipolymer KPP-40W is a powder produced by spray-drying special water-based VAE emulsion.

It redisperses in water and reacts with hydrate product of cerement/gypsum and stuffing, form composite membrane with good mechanics intensity.

Specifications

Appearance:	White free flowing powder
Particle size D50 um:	App. 70~100 um
Bulk density:	400~600 gram/litre
Glass transition temperature:	10 °C

Typical properties

Solids content (%)	98 min
Ash content (%)	8~12
PH Value	5.0~8.0
Viscosity of 50% water Solution at 25 °C (PaS)	0.5~2.0
MFFT (°C)	5.0

Applications

Kimipolymer KPP-40W has high compression strength and high early strength, and dispersible in water.

KPP-40W increases the adhesion between mortar and its substrate, and improves the mechanic property, flexibility, tensile strength and workability of the mortar. Normal dosage is 1-6% depending on the type of mortar.

Main uses:

- Tile cement mortar
- Anhydrite screed
- Plasters and crack fillers
- Self-leveling mortar
- External Insulation Finish System
- Joint cements

Packaging & storage

Packed in 25kg paper bag, palletized and shrink wrapped with a shelf life of 180 days, but it can still be used if no caking.

Keep it in cool, dry and clean conditions in its original packing. It is recommended the stacked bags should be less than 6 layers.

The above information are based on our current experience and offered merely for your reference. They do not release the consumer from making tests and determining the suitability for his own processes and applications. Kimix makes no other warranties and assumes no liability, expressed or implied.