

## Redispersible polymer powder FWD 5031

### Product Data

FWD 5031 is a spray dried VAC-E-Acrylic co polymer, with protection colloid of vinyl alcohol.

It redispersed 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

Bulk density: 400~600 gram/litre

#### Typical properties

Solids content (%)	99 min
Ash content (%)	12 ± 2
Protective Colloid	Polyvinyl alcohol
PH Value	6.0~9.0
MFFT (°C)	4
TG(°C)	0

#### Functions

FWD 5031 performs as binder and hydrophobic agent. When blended with inorganic binders, the resin will provide improved adhesion, flexural strength in bending, deformability and abrasion resistance and are easier to process. Due to the hydrophobizing resin's special composition and production method, compounds modified with

FWD 5031 will have extensive and lasting water repellency on alkaline building materials, significantly reducing water absorption.

#### Applications

- Tile grout
- Waterproof mortar
- Power paints
- Repair mortar

#### Storage

Redispersible polymer powder should be stored in cool and dry environment. It is recommended to use within 12 months, preferably be used as soon as possible in summer. Storage in high temperature and humidity conditions will increase the risk of caking. Opened containers should be used as soon as possible, if not, should be resealed to prevent ingress of moisture from the air.

Redispersible polymer powder supplied in paper bags should not be stacked. Prolonged heavy pressure may cause caking. Storage under pressure should also be avoided.

#### Packaging

- 25 kg paper bags inner with PE bags
- Jumbo Bags (650 kg)