



CEMENTO™ CRP 001

Product Description

CEMENTO™ CRP 001 is a free flowing Redispersible polymer powder manufactured by spray drying a special Vinyl Acetate - Ethylene copolymer dispersion. It is used as an additive in cement and gypsum based dry mix blends to improve their strength and adhesion properties.

Application

CEMENTO™ CRP 001 can be used in the manufacturing of—

- Wall putty
- Tile Adhesives
- Tile Grout Mortars
- Self leveling flooring compounds
- Plasters
- External insulation Adhesives

Properties

- Free Flowing white powder
- Improves Adhesion to various substrates
- Improves Flexibility
- Improves workability of modified mortars

Processing

For the manufacture of dry mix blends, mix CEMENTO™ CRP 001 with other dry ingredients in an appropriate mixer. Temperature should not be allowed to rise exceedingly otherwise polymer powder may agglomerate.

Storage

CEMENTO™ CRP 001 should be stored in a cool, dry place and protected against moisture. Since product is thermoplastic it should not be subjected to pressure or high temperature during storage because of the risk of caking. Storage time should not exceed 6 months from receipt of delivery.

Blends with hydraulic binders, fillers and pigments show better stability because these components help to prevent caking. However blends of this type should be protected against moisture.

Packaging
25 kg paper bags.



Typical Properties

Specification data	Value
Solid content (105 ° C / 2hrs)	98 - 100 %
Ash content (1000 ° C / 2hrs)	12 ± 2 %
Bulk density (kg/ m ³)	450 – 600
Typical general properties	
Visual Appearance	White to pale yellow powder
Protector colloid / emulsifier system	Polyvinyl alcohol
Particle size ISO Test Method	Max.4 % over 400 µm
Predominant particle size after redispersion	0.5 – 8 µm
Minimum film forming temperature	4°C
Film properties of redispersed polymer	Cloudy, tough-elastic

- These figures are only intended as a guide and should not be used in preparing specifications.

The recommendations given here are based on our experience; users should satisfy themselves about the suitability of the product for the intended applications.