



An ISO 9001 & 14001 Certified Company

Technical Data Sheet

CEMENTO CRP 305

Product Description

CEMENTO CRP 305 is a free flowing Redispersible polymer powder manufactured by spray drying of 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 305 can be used in the manufacturing of-

- Wall putty
- Tile Adhesives
- Tile Grout Mortars
- Plasters

Properties

- Free flowing white powder
- Improves adhesion to various substrates
- Improves flexibility

Processing

For the manufacturing of dry mix blends, mix CEMENTO CRP 305 with other dry ingredients in an appropriate mixer. Temperature should not be allowed to rise otherwise polymer powder may agglomerate.

Storage

CEMENTO CRP 305 should be stored in a cool, dry place and protect against moisture. Since product is thermoplastic, it should not be kept under pressure or high temperature during storage because of the risk of caking. Storage time should not exceed 6 months from receipt of material. 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 %
Bulk density (kg/ m ³)	400 - 600
Moisture Content, %	Maximum 1.5
Typical general properties	
Visual Appearance	Free flowing white powder
Protector colloid / emulsifier system	Polyvinyl alcohol
Predominant particle size after re-dispersion	0.5 - 8 µm
Minimum film forming temperature (MFFT)	7 - 8°C
Film properties of re-dispersed polymer	Cloudy, tough-elastic

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

Disclaimer:

The suggestion and data in this bulletin are based on information we believe to be reliable. It is offered in good faith, but **WITHOUT GUARANTEE**, as the conditions and methods of the use of our products are beyond our control. We **ALWAYS** recommend that the prospective user should determine the suitability of our products and suggestions on an experimental basis first, Before **ADAPTING** on a commercial scale.

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