



An ISO 9001 & 14001 Certified Company

Technical Data Sheet

CEMENTO CRP 305

CEMENTO CRP 305 is a free-flowing, re-dispersible polymer powder manufactured by spray drying copolymer of Vinyl acetate and ethylene (VAE). As an additive in cement and gypsum based dry mixes, it improves adhesion, flexural strength, and compressive strength of cementitious material.

APPLICATION AREAS:

CEMENTO CRP 305 can be used in manufacturing the following:

- Wall Putty
- Tile Adhesives
- Plaster application
- Self-leveling compounds and joint fillers
- Skim coats

APPLICATION BENEFITS:

- Due to CEMENTO CRP 305 possessing lower glass transition Minimum Film Forming Temperature, the applied material exhibits flexibility in lower temperatures
- Also suitable for applications in all climatic conditions
- CEMENTO CRP 305 improves adhesion of dry mix mortars on various substrates
- CRP 305 improves flexibility of mortars applied resulting in no visible cracks



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PROPERTIES AND OBSERVATIONS OF CEMETO CRP 305:

SPECIFICATION DATA	INSPECTION DATA	VALUE
Solid Content	DIN EN ISO 3251	98.0 – 100 %
Bulk Density	DIN EN ISO 60	490 – 590 Kg/m ³

TYPICAL GENERAL PROPERTIES	VALUE
Visual Appearance	Free flowing White Powder
Protector Colloid / Emulsifier System	Polyvinyl Alcohol
Minimum Film Forming Temperature (MFFT)	7 °C – 8 °C
Film properties of re-dispersed polymer in water (ratio – 1:1)	Cloudy, tough and elastic film

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.



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PACKAGING:

CEMENTO CRP 305 re-dispersible polymer powder is available in 25 Kg paper bag packaging with PE lining.

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

Updated: September 2019 (Indofil/SPCD/Coating/Sept 2019/Rev. 01)

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