



*An ISO 9001 & 14001 Certified Company*

### ***Technical Data Sheet***

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## **CEMENTO CRP 305 FLX**

### **Product Description**

CEMENTO CRP 305 FLX is a flexible free flowing Re-dispersible polymer powder manufactured by spray drying of special Vinyl Acetate - Ethylene copolymer dispersion. This re-dispersible powder is especially recommended for blending with inorganic binders such as cement, gypsum and hydrated lime based dry mix blends to improve their strength and adhesion properties.

### **Application**

CEMENTO CRP 305 FLX can be used in the manufacturing of-

- Wall putty
- Tile Adhesive
- Tile Grout & Repair Mortars
- Wall & Joint Fillers

### **Properties**

- Very good tensile adhesion strength
- Low temperature workability
- Excellent crack-bridging properties

### **Processing**

- For the manufacturing of dry mix blends, mix CEMENTO CRP 305 FLX with other dry ingredients in an appropriate mixer. Temperature should not be allowed to rise (not more than 40°C) to avoid lumps formation & agglomeration.

### **Storage**

CEMENTO CRP 305 FLX 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 bag

### **Typical Properties**

| <b>Specification data</b>               | <b>Value</b>                     |
|-----------------------------------------|----------------------------------|
| Solid content (105 ° C / 2hrs)          | 98 - 100 %                       |
| Bulk density (kg/ m <sup>3</sup> )      | 400 - 600                        |
| Moisture Content, %                     | Max 2.0                          |
| <b>Typical general properties</b>       |                                  |
| Visual Appearance                       | Free Flowing Bright White Powder |
| Protector colloid / emulsifier system   | Polyvinyl alcohol                |
| Particle Size                           | Max 4% over 400 µm               |
| Whiteness Index                         | 81.3                             |
| Tg (Mid Point)                          | 14-18°C                          |
| Minimum film forming temperature (MFFT) | 5-6°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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