



# Forton VF-812

## Technical Data

May 8, 2007

### Description

- Water based, all acrylic, self cross-linking, co-polymer emulsion which is the basis of the Forton Modified Gypsum system. The VF-812 polymer when combined with specific alpha hemi-hydrate gypsums and dry melamine resin, at proper loadings, results in a product suitable for exterior use.
- VF-812 can also be used with alpha and beta plasters at various polymer solids to the weight of gypsum levels to improve workability, surface hardness, chip resistance, reduce absorption and enable the gypsum slurry to be pigmented uniformly.

### Physical Data

- |  |                        |
|--|------------------------|
| ○ Solids by weight                               | 50% ( $\pm 1\%$ )      |
| ○ Viscosity 23°C (Brookfield, Spindle 2/50 rpms) | 100 – 500 cps          |
| ○ pH   | 4.5 to 5.5             |
| ○ Density at 20°C                                | 1055 kg/m <sup>3</sup> |
| ○ Tg   | NA                     |
| ○ Particle Size                                  | .2400 - .2500          |
| ○ Grit   | 0 – 50 ppm             |

### Storage

- Forton VF-812 should be stored in a closed container, in a dry environment at storage temperatures between 5°C and 30°C.
- Storage should be enclosed, out of direct sun light and away from direct sources of heat.

### Shelf Life

- With proper storage conditions the normal shelf life will typically be 9 months.

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