



# Forton VF-774

## Technical Data

May 8, 2007

### Description

- Water based, all acrylic co-polymer emulsion formulated to comply with PCI MNL 130, Quality Control Manual, Appendix L for curing admixtures used in GFRC.
- VF-774 also has long term natural ageing data to verify that its use in GFRC composites improves aged flexural properties.
- VF-774 can be used in precast concrete to reduce absorption, maintain color uniformity, and reduce or eliminate crazing and efflorescence.
- It is also used in concrete repair products and bonding agents due to its superior adhesive properties.

### Physical Data (also MNL 130 specification)

- |   |                        |
|---|------------------------|
| ○ Solids by weight                              | 51% ( $\pm 1\%$ )      |
| ○ Viscosity 23°C (Brookfield, Spindle 2/50 rpm) | 100 – 300 cps          |
| ○ pH  | 8 – 10                 |
| ○ Density at 20°C                               | 1055 kg/m <sup>3</sup> |
| ○ Tg  | 11°C                   |
| ○ Particle Size                                 | .1300 - .2500          |
| ○ Grit  | 0 – 50 ppm             |

### Storage

- Forton VF-774 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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