

**TD.420 – TECHNICAL DATA: CPR1000™**

Revised: 3/16/2023 Version: 1.3

**Product Class:** Hybridized co-polymer emulsion

**Description:** A hybrid co-polymer latex resin blend (proprietary formula)

**Use Applications:**

- Cement modifier for thin surface repairs and resurfacing.
- Cement modifier for thin decorative concrete overlays, included but not limited to: splatter texture/knockdown applications, base/skim coats, broom finishes, thin stamped overlays, seamless interior flooring, and more.
- Cement modifier for repair, regrading, underlayments, and patching mixes.
- Concrete bonding agent for pouring new concrete to an existing one.
- Modifier for mortars, precast concrete, tile grouts, stucco, and plaster mixes.

**Key Features:**

- Better overall performance than other modifiers and polymers, including: Acrylic, polyvinyl acetate, VAE, styrene, and silicone.
- Provides a permanent bond (with correct substrate preparation)
- Increased flexural and tensile strengths
- Increased texturing capabilities
- Exceptionally long pot life
- Increase versatility and application range
- Resistance to moisture deterioration
- Resistance to weather, including UV and freeze/thaw cycles

**Physical Properties**

(@77° F / 25° C, 50% R.H. 7-day ambient cure)

Appearance	White thick liquid
Odor	Faint ester (adhesive)
Nonvolatile Content %	54% ± 1%
Viscosity @ 77° F / 25° C @ 20 rpm	250 to 750
pH	6 to 7
Density, Lb / gal	8.7 to 9
Application temperature	40° to 110° F / 4° to 43° C
Cured	28 days (initial 3-7 dry days)

**Available Packaging:**

- 5 gallon pails or 55 gallon drums

**Suggested Storage:**

- Store in a temperature and weather-controlled area between 65° F and 85° F / 18° C and 29° C.
- Do not allow to freeze.
- Shelf Life: 1 year in original unopened containers