

TD.420 – TECHNICAL DATA: CPR1000™

Revised: 12/19/19

Product Name: CPR1000™ - Concentrated Polymer Resin

Product Class: Hybridized Co-Polymer Emulsion

Description: A hybrid copolymer 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, stenciled cement and more.
- Cement modifier for repair and patching mixes.
- Cement modifier for regrading.
- Cement modifier for underlayments.
- Concrete bonding agent for pouring new concrete to an existing one.
- Modifier for mortars, concrete countertops, precast concrete, tile grouts, stucco and plaster mixes.
- Primer for vertical overlay applications.

Key Features:

- Better overall performance than other resins, modifiers and polymers, including: Acrylic, polyvinyl acetate, VAE, styrene and silicone.
- Provides a permanent bond (with correct substrate preparation).
- Increased levels of water resistance, flexural and tensile strengths.
- Increased texturing capabilities.
- Exceptionally long pot life.
- Increase versatility and application range.

Product Properties:

- Appearance: White Thick Liquid (Optional Light Gray)
- Smell: Faint Ester (School Glue)
- Nonvolatile Content %: 54% ± 1%
- GT Temperature: Minus 1 degree Celsius
- Viscosity @ 25 degrees Celsius @ 20 rpm: 250 to 750
- pH: 6 to 7
- Flammability: N/A
- Density, Lb. Per gal: 8.7 to 9
- Weight, Lb. Per gal: 9 to 9.09
- Application temperature: 40° - 110° F
- Cured: 28 days (initial 3-7 dry days)
- Resistance to moisture deterioration: Excellent
- Resistance to weather, including UV and freeze/thaw cycles: Excellent

Available Packaging:

- Stock: 5-gallon pails (white in color) or 55-gallon drums
- Special Order: Inquire

Suggested Storage:

- Do not allow to freeze
- Shelf Life: 1 year

Safety Data Sheet is available on this and all products. For your safety, read and understand the SDS prior to handling, transporting, using or storing this and all products.