

ASA603 CEP

Concrete Enhancing Polymer

ASA603 CEP is an acrylic emulsion for blending with cement for flexible concrete and crack resistant stucco. Its technology shrugs off the high alkalinity of "green" cement to provide a primer with good adhesion and flexibility over fresh masonry.

COMMON USAGE

Floor surfacing, thin floor toppings, concrete bridge deck overlays, anti-corrosive overlays, concrete repairs and patching.

PERFORMANCE

By decreasing water absorption it stops efflorescence yet allows normal breathable concrete. Increases strength, flexibility, vibration resistance and chemical resistance.

LIQUID PHYSICAL PROPERTIES

- Solids 50% ±1%
- Viscosity (Brookfield Model DV-1+) 75±25, #2/100rpm
- pH 9.0-10.0
- Tg (MDSC) 6°C
- MMFT (ASTM D-235) 3°C
- Particle Size (Mean) ~0.20 micron
- Particle Charge Nonionic
- Weight per Gallon 8.61 lb/gal
- Bulking Value 0.1163 lb/gal
- FLASH POINT - SETA N/A
- SHELF LIFE 24 months when stored 40-90F°

PACKAGING

55 gallon (208.2L) drums, 5 gallon (18.9L) pails and 1 gallon (3.79L) cans.

WonderPaint Inc
249 Old Zion Church Road
Woodburn, KY 42170
orders 877 493-8969

General Use Instructions

CONCRETE FLOORS

Wire brush all loose scale, degrease, apply ASA 603 cut 50% with water to prime surface. [Add polymer to water.]

CONCRETE PATCHING

Clean, then prime with ASA 603. Mix patching materials and trowel into position. 1" thickness is possible on vertical surfaces using NuCrete additives and allowing 30+ minutes gel time after mixing.

SAMPLE PATCHING FORMULA

- 3 gallons ASA 603
- 2 gallons Water
- 1 90 lb. Bag Portland Cement
- 150 lb. dry sand

Produces approx. 21 gallons of material

TYPICAL CONCRETE PROPERTIES

- Tensile Strength 4,500 to 5,000 psi
- Modulus of Elasticity GPa 275,000 to 450,000 psi
- Compressive Strength 4,500 to 12,000 psi
- (12,000 psi is achievable with addition of WonderPaint's NuCrete additives)
- Elongation 2.5% to 5%
- Water absorption Minimal
- Freeze-thaw Resistance Very good
- Acid Resistance Very good
- Oil Resistance Resists gasoline, oil and brake fluid

OPTIONS

Color, whitener, flow-control, gel-time extender and light weight filler packages are available.

HEALTH & SAFETY

Read Material Safety Data Sheet for important health and safety information prior to the use of this product.

Keep out of the reach of children.