

Corro-Coat FC 2100 HT Epoxy TECHNICAL DATA

SOLVENT-FREE EPOXY COATING

Protective Coating
 Hi-Temperature Coating
(300°F Post Cure Service Temperature)
 Corrosion Protection
 Apply/Cures Underwater

Solvent-Free
 High Build Non-Sag Formulation
 Excellent Chemical and Abrasion Resistance
 Easy 4:1 Mixing Ratio
 Feldspar Ceramic and Kevlar™ Reinforced

<p>STANDARD PRODUCT DESCRIPTION</p>	<p>Corro Coat FC 2100 HT is a 100% solids, next generation, epoxy coating featuring Hi-Temperature properties, excellent chemical and abrasion resistance, one coat, no sag, high build glaze finish that will withstand severe abuse. Bonds to concrete (wet and dry), fiberglass, steel and wood surfaces. Novolac version available. This product is resistant to most concentrated reagents and withstands constant temperatures from 100°F to 350°F, and spikes to 400°F.</p>
<p>USES</p>	<p>Most corrosive environments Marine, chemical, pulp and paper Spillways, piping, pilings, columns Excellent as a finish top coat</p>
<p>FEATURES</p>	<p>Solvent-Free with long pot life Non-Sag at thicknesses up to 30-35 mils High Gloss Convenient 4 to 1 ratio by volume Non-blushing and non-water spotting Kevlar™ microfibers reinforce against hairline cracking and chipping Feldspar (ceramic plates/needles) provides extreme abrasive resistance Apply by brush, roller (at the upper limits of roller application) or spreader</p>
<p>VISCOSITY</p>	<p>Viscosity at 72°F: Part A: 18,000 cps Part B: 100 cps Mixed: 2,000 cps</p>
<p>PHYSICAL PROPERTIES</p>	<p>COLOR Gray COMPRESSIVE STRENGTH ASTM D695 13,800 psi TENSILE STRENGTH ASTM D638 6,900 psi ABRASION RESISTANCE CS-17 WHEEL, 1 kg LOAD ASTM D4060 0.14 gm loss WATER ABSORPTION ASTM D570 0.24 % (2 hour boil) FLEXURAL STRENGTH ASTM D790 7,700 psi SHORE D HARDNESS ASTM D2240 92 HEAT DISTORTION ASTM D649 130° F - Before post cure. TEMPERATURE Post cure - 150°F continuous service BOND STRENGTH TO: Concrete 100 % concrete failure FILM THICKNESS 10-35 mils (average: 75-80 sq. ft./gallon @ 20 mils)</p>
<p>CURE SCHEDULE</p>	<p>POT LIFE @ 75°F approx. 60+ minutes FIRM @ 75°F 4 - 8 hours</p>

MULTI-VENDOR EPOXY SOLUTIONS

