

**Product Description:**

**CHEM-ROCK PRIMER** is a 100% solids, 2-component polyamide epoxy primer formulated to provide superior adhesion to prepared substrates. **CHEM-ROCK PRIMER** can be applied to “slightly damp” substrates and will cure at temperatures down to 40<sup>0</sup> F and can also be used as a rapid curing primer in warmer applications. **CHEM-ROCK PRIMER** contains zero VOC’s and meets all USDA/FDA guidelines for use in federally inspected facilities.

**CHEM-ROCK PRIMER** can be used as a primer, as a self-leveling body coat over uneven substrates, or as a mortar or slurry patching material when combined with ROCK-TRED Aggregates. Its zero VOCs, low-temperature cure and damp substrate tolerance make it perfect for repairs and coatings work inside operating coolers and food processing facilities.

**Physical Testing Information:**

Compressive Strength:	14,400 psi (ASTM D-695-77)
Tensile Strength:	9,500 psi (ASTM D638-77a)
Tensile Elongation:	2.5% (ASTM D 638-77a)
Flexural Strength:	14,400 psi (ASTM D-790-71)
Flexural Modulus:	4.65 x 105 psi (ASTM D-790-71)
Hardness:	70-75 (Shore D)
Bond Strength:	>400 psi (100% concrete failure)
Abrasion Resistance:	0.04 gm /1000 revolutions (ASTM D-4060, Taber Abrader) (CS-17 wheel, 1,000 gm load)
Flammability:	Self-extinguishing. (ASTM D-635) Extent-of-burning 0.25 inches max.
Water Absorption:	0.1% (ASTM C-413)
Volume mix ratio:	2 to 1 (Resin to Hardener)
Viscosity (mixed):	1000-1200 CPS Typical
Solids Content (%):	100% (ASTM D-2697)
VOC:	0 g/l (EPA method 24)
Application Temps:	40 <sup>0</sup> – 80 <sup>0</sup> F
Gel Time:	30 - 40 minutes @ 75 <sup>0</sup> F
Dry to Touch (recoat with compatible products):	2 - 5 hours @ 75 <sup>0</sup> F 6.5 hours @ 45°F
Through Cure:	4 – 6.5 hours @ 75 <sup>0</sup> F 17.5 hours @ 45°F
Open for light traffic:	24 hours @ 75°F
Shelf Life:	1 Year in unopened units

Please review ROCK-TRED’s Product Data Sheet and SDS for further information on this product. All physical testing information is from performance testing run on neat coats of the tested product unless otherwise indicated.