

Product Description:

CHEM-WALL BLOCK FILLER is a 100% solids, 2-component, vertical grade epoxy formulated for priming, sealing and filling porous substrates such as CMU walls or vertical cast in place concrete. **CHEM-WALL BLOCK FILLER** can also be used as a patching material on irregular vertical, overhead and horizontal surfaces by adding a thickener such as fumed silica. **CHEM-WALL BLOCK FILLER** is VOC compliant and meets all USDA guidelines for use in federally inspected facilities.

CHEM-WALL BLOCK FILLER is the recommended primer/sealer and body coat for most **ROCK-TRED** wall systems applied over highly porous substrates. It is also the recommended body coat in the **CHEM-WALL MAT LAY UP SYSTEM**.

Physical Testing Information:

Compressive Strength:	11,700 psi (ASTM D-695-77)
Compressive Modulus:	1.70 x 10 ⁵ psi (ASTM D-695-77)
Tensile Strength:	3,900 psi (ASTM D-638-77a)
Tensile Modulus:	4.4 x 10 ⁴ psi (ASTM D-638-77a)
Tensile Elongation:	2.0% (ASTM D 638-77a)
Flexural Strength:	10,400 psi (ASTM D-790-71)
Flexural Modulus:	1.8 x 10 ⁶ psi (ASTM D-790-71)
Bond Strength:	>400 psi (100% concrete failure)
Abrasion Resistance:	0.03 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)
Heat Resistance Limitation:	140° F/60° C (for continuous exposure) 200° F/ 93°C (for intermittent spills)
Volume mix ratio:	2 to 1 (Resin to Hardener)
Viscosity (mixed):	13,000 - 16,000 CPS Typical
Solids Content (%):	100 % (ASTM D-2697)
Hardness (ASTM D-2240)	75-80 (Shore D)
VOC:	0 g/l (EPA method 24)
Application Temps:	60 ⁰ – 85 ⁰ F
Gel Time	36 - 46 minutes @ 75 ⁰ F
Dry to Touch (recoat with compatible product)	3 - 5 hours @ 75 ⁰ F
Through-Cure	8 - 12 hours @ 75 ⁰ F
Open for Light Traffic	24 hours @ 75 ⁰ F

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.