

Product Description:

CHEM-WALL SEALER is a 100% solids, high viscosity, 2-component, cyclo-aliphatic epoxy. **CHEM-WALL SEALER** provides excellent durability, abrasion resistance and protection from a wide range of chemicals.

CHEM-WALL SEALER is used where a high-build protective polymer coating is desired on walls and ceilings. This coating is suitable for application as a neat finish coat over prepared and primed surfaces, or as a build/body coat between primer and high performance finish coats such as **CHEM-THANE WB**. **CHEM-WALL SEALER** is easy to use, VOC compliant and meets all USDA/FDA guidelines for use in federally inspected facilities.

Physical Testing Information:

Compressive Strength:	11,800 psi (ASTM D-695-77)
Compressive Modulus:	1.95 x 10 ⁵ psi (ASTM D-695-77)
Tensile Strength:	7,100 psi (ASTM D638-77a)
Tensile Modulus:	3.6 x 10 ⁴ psi (ASTM D-638-77a)
Tensile Elongation:	10.7% (ASTM D 638-77a)
Flexural Strength:	12,500 psi (ASTM D-790-71)
Flexural Modulus:	3.7 x 10 ⁵ psi (ASTM D-790-71)
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)
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):	19,000-25,000 CPS Typical
Solids Content (%):	100 % (ASTM D-2697)
Hardness (ASTM D-2240)	70-80 (Shore D)
VOC:	0 g/l (EPA method 24)
Application Temps:	60° – 85° F
Gel Time	40 - 60 minutes @ 75° F
Dry to Touch (recoat with compatible product)	1 - 3 hours @ 75° F
Through-Cure	6 - 8 hours @ 75° 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.