

Product Description:

CHEM-ROCK LV is a water clear, 100% solids, low viscosity, 2-component, cyclo-aliphatic epoxy coating. **CHEM-ROCK LV** is a multi-use coating designed to provide very good abrasion and chemical resistance, UV protection, gloss retention, durability and workability for the applicator.

CHEM-ROCK LV is used where a water clear or solid color thin mil "neat" coating is required or when a highly flowable, self-leveling body/broadcast or finish coat is required. Its low viscosity characteristic allows easy application and uniform application in thin, tight coats. **CHEM-ROCK LV** is 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)
Hardness:	75-85 (ASTM D-2240/Shore D Durometer)
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):	600-700 CPS Typical
Solids Content (%):	100% (ASTM D-2697)
VOC:	0 g/l (EPA method 24)
Application Temps.:	60° – 85° F
Gel Time:	30-40 minutes @ 75°F
Dry to Touch (recoat with compatible products):	2-3 hours @ 75°F
Through Cure:	7-9 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.