

Product Description:

CHEM-ROCK ULTRA UV is a NEW generation epoxy coating that exhibits superior color and gloss retention when compared with standard epoxy coatings. **CHEM-ROCK ULTRA UV** is a WATER CLEAR, 2-component, 90% solids, very low odor epoxy designed to protect decorative floor and walls systems from premature yellowing and loss of gloss due to moderate levels of UV exposure. **CHEM-ROCK ULTRA UV** exhibits very good abrasion resistance, resistance to most common chemicals and meets all USDA/FDA guidelines for use in federally inspected facilities.

CHEM-ROCK ULTRA UV provides long-lasting UV protection and non-yellowing characteristics as a CLEAR topcoat for most ROCK-TRED floor and wall coating systems. **CHEM-ROCK ULTRA UV** provides a high build, easy flowing, cost-effective, UV resistant coating solution for use in indoor areas exposed to “moderate” levels of UV such as garages, offices or production areas with many windows. As a medium-low viscosity coating CHEM-ROCK ULTRA UV makes an excellent neat coating, a “seed” coat to accept broadcast media or as a finish coat over aggregate or flake filled systems.

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)
Weight mix ratio:	.92 Resin: .58 Hardener
Viscosity (mixed):	600 - 800 CPS Typical
Solids Content (%):	90 % (ASTM D-2697)
Hardness (ASTM D-2240)	75-85 (Shore D)
VOC:	13 g/l (EPA method 24)
Application Temps:	60° – 85°F
Gel Time	40 - 60 minutes @ 75°F
Dry to Touch (recoat with compatible product)	2 - 4 hours @ 75°F
Through-Cure	6 - 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.