ROCK TRED
POLYMER COATING SOLUTIONS
Defining Excellence Since 1939

PHYSICAL TESTING DATA

CHEM-ROCK MV SUPER FAST SET

Product Description:

CHEM-ROCK MV SFS is a slightly opaque / clear, 100% solids, medium viscosity, 2-component epoxy coating designed for very fast cure. **CHEM-ROCK MV SFS** is a multi-use coating designed to provide very good working time, but high speed cure for use on fast track projects.

CHEM-ROCK MV SFS is used when a semi-clear or solid color high build coating is required as a fast curing body or intermediate coating, but UV resistance or color stability is not required. Its medium viscosity characteristic makes it an ideal "seed" coating to broadcast flakes or aggregate into. **CHEM-ROCK MV SFS** 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 105 psi (ASTM D-695-77)
Tensile Strength:	7,100 psi (ASTM D638-77a)
Tensile Modulus:	3.6 x l04 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 105 psi (ASTM D-790-7l)
Bond Strength:	>400 psi (l00% 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:	140º F/60º C (for continuous exposure) 200º F/ 93ºC (for intermittent spills)
Volume mix ratio:	2 to 1 (Resin to Hardener)
Viscosity (mixed):	800-1000 CPS Typical
Solids Content (%):	100 % (ASTM D-2697)
Hardness (ASTM D-2240)	75-85 (Shore D)
VOC:	0 g/l (EPA method 24)
Application Temps:	60^0 – 85^0 F
Gel Time	7 - 15 minutes @ 75^0 F
Dry to Touch (recoat with compatible product)	30 - 90 minutes @ 75^0 F
Through-Cure	2 - 3 hours @ 75^0 F
Open for Light Traffic	24 hours @ 75^0 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.