

Product Description:

CHEM-THANE P100 V.2014 is a water clear, 2-component, 90% solids modified aliphatic / poly-aspartic coating that combines the best attributes of high grade epoxy and urethane coatings. **CHEM-THANE P100 V.2014** offers the highest UV resistance available, remains flexible over time and has very good abrasion and chemical resistance. **CHEM-THANE P100 V.2014** has zero reportable VOCs, zero HAPS and meets all USDA/FDA guidelines for use in federally inspected facilities.

As a BODY or FINISH coat: **CHEM-THANE P100 V.2014** is an excellent non-yellowing, body or finish coat for any ROCK-TRED floor or wall coating system. This coating is recommended for use in moderate temperature environments (40°-70°F) that require fast return to service and/or superior UV resistance while maintaining VOC compliance. Typical coverage per coat is from 80 sq. ft. /gal. (20 mils) to 150 sq. ft. / gal. (11 mils). For a lower viscosity you may add up to 16 oz. P-100 Viscosity Reducer per mixed gallon of P-100 V.2014.

Physical Testing Information:

Tensile Strength:	3,850 psi (ASTM D-638)
Elongation:	15% (ASTM D-638)
Tear Strength Die C:	625pli (ASTM D-624)
Indentation:	No indentation (ASTM D-4060)
Abrasion Resistance:	0.06 g max. weight loss (ASTM D-4060, Taber Abrader) CS-17 wheel, 1,000 gm load, 1,000 cycles
IZOD Imp Resist:	1.78 ft./lbs./In
Gloss:	90+ (60° spec gloss)
Impact:	60, 10 direct, reverse (ASTM D-2794)
Volume mix ratio:	2 to 1 (Resin to Hardener)
Viscosity (mixed):	650 CPS Typical
Solids Content (%):	90% (ASTM D-2697)
Hardness:	55-65 (Shore D) @ 7 day cure
VOC:	0.8 g/l (EPA method 24)
Application Temps:	40° – 70° F
Gel Time	60 minutes @ 75° F
Dry to Touch (recoat with compatible product)	1 hour @ 75°F
Through-Cure	3.5 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.