

EPOXY POLYMER CONCRETE OVERLAY SYSTEM**PHYSICAL PROPERTIES**

Laboratory Tests	Results
D2196/D2556/D1084 Viscosity	75-200 cps
C881/AASHTO M235 Gel Time	16-24 minutes
D570 Absorption	0.68%
D2240 Shore D	65-75
C579 Compressive Strength* (3 hr)	1,000 psi
C579 Compressive Strength* (24 hrs)	5,000 psi
C39 Compressive Strength*	4,000-5,000 psi
C469 Modulus of Elasticity (7 days)*	1,000,000-2,000,000 psi
C805 Rebound Hammer (4 hrs)*	3,000-5,000 psi
CP-L4302/CT551 PCC Bond Strength (24 hrs)*	500-700 psi
D638 Tensile Strength (7 days)	3,800-4,200 psi
D638 % Elongation At Break (7 days)	55%-65%
D638/D618 Tensile Strength (18/25/50+5/70)	2,800-3,200 psi
D638/D618 % Elongation at Break (18/25/50+5/70)	35%-45%
VOC Content	0 g/L
Total Solids, % by Weight	100%
D4541/C1583/503R Adhesion to Concrete*	Concrete Failure
D1475 Specific Gravity	1.05-1.08
C138 Cured Density	135 lbs/cu ft
D1652 Epoxide Equivalent Weight	190
CT550 Surface Abrasion Resistance*	0 g loss
AASHTO T-277 Chloride Ion Permeability*	<100 coulombs

*Tested with Aggregate