



Surface Products

ARCHITECTURAL SPECIFICATION PROPERTIES
POLYMER MODIFIED CEMENT SURFACES

CURED SURFACE ANALYSIS AND DETAILED PRODUCT EVALUATION

TEST	METHOD	RESULTS
Compressive Strength.....	ASTM C-109.....	7,880 PSI*
Flexural Strength.....	ASTM C-348.....	1,830PSI
Tensile Strength.....	ASTM C-190.....	925 PSI
Shear Bond Strength.....	ASTM C-882.....	>500 PSI
Impact Strength.....	LAB METHOD.....	37 in./lb.
Abrasion Resistance.....	ASTM C-944.....	0.3 % Wt. Loss
Slip Resistance.....	ASTM D-2047.....	0.78 Dry
Slip Resistance.....	ASTM D-2047.....	0.74 Wet
Water Absorption.....	ASTM C-642.....	6.5% (72Hrs.)
Weight (Cured).....	1/8" Typical Thickness.....	1.12 lbs./ft.
Freeze-Thaw.....	ASTM C-666.....	<0.5% Wt. Loss
Accelerated Weathering.....	ASTM G-23.....	Unaffected (4000 Hrs.)
Chemical Resistance.....	ASTM D-2299.....	Unaffected
Fire Resistance.....	ASTM E-108.....	Class A
Fire Resistance.....	UBC 32-7.....	Class A
Flame Spread.....	ASTM E-84.....	Exceeds Std.
Fire Resistance.....	ASTM E-119.....	Passed @ 1 Hour
Moisture Resistance.....	ASTM D2247.....	Unaffected @ 6 wks.
Mildew Resistance.....	Mil 810-B.....	No Growth @ 6wks.
Wind Driver Rain.....	TTC-555B.....	No Penetration
Shrinkage.....	ASTM C-596.....	Exceeds Std.
* 7,880 compressive strength is achieved after final applications of KonCote Sealers		