



Surface Products

Product Test Results & Comparison Evaluation

	<u>Unmodified Concrete</u>	<u>KonCote Surface Products</u>	<u>Percentage of Improvement</u>
<u>Shear Bond Strength</u> <i>(The strength of bond between two surfaces)</i>	80psi	500psi <i>ASTM-C882</i>	652%
<u>Tensile Strength</u> <i>(Internal cohesion, Ability to resist being pulled apart)</i>	210psi	925psi <i>ASTM-C-190</i>	440%
<u>Compressive Strength</u> <i>(How much weight applied before breaking)</i>	3000psi	7880psi <i>ASTM-C-109</i>	263%
<u>Flexural Strength</u> <i>(Ability to withstand pressure between two points)</i>	750psi	1830psi <i>ASTM C-348</i>	240%
<u>Impact Strength</u> <i>(Force required to break surface)</i>	5 in. lbs	37 in. lbs <i>Lab Methods</i>	740%
<u>Abrasion Resistance</u> <i>(Percentage of weight loss under abrasive wheels)</i>	22.5%	0.3% weight loss <i>ASTM C-944</i>	7500%