



# Sealer Comparison Chart

February, 2001

<b>TYPICAL PROPERTIES OF WATER REPELLENT SEALERS</b>				
<b>LAMBERT PRODUCTS</b>	<b>Exposit SB Exposit WB</b>	<b>Waterban 90</b>	<b>(None)</b>	<b>Waterban 25 (discontinued - not VOC comp)</b>
<b>PROPERTY</b>	<b>ACRYLIC</b>	<b>SILOXANE</b>	<b>SILANE</b>	<b>SILICONE</b>
<b>TYPE</b>	Film forming	Penetrating	Penetrating	Penetrating
<b>MATERIAL COST (PER SQUARE FOOT)</b>	8¢ - 15¢	15¢ - 40¢	15¢ - 40¢	8¢ - 15¢
<b>SOLIDS CONTENT</b>	25%	15%	20% - 40%	5% - 15%
<b>SOLVENT CARRIER</b>	<b>SB</b> (Spirits Based) <b>WB</b> (Water Based)	Mineral Spirits	Alcohol or Water	Mineral Spirits
<b>MOLECULAR WEIGHT</b>	High	Low	Very Low	High
<b>REACTION RATE</b>	None	Fast	Slow	None
<b>ALKALI RESISTANCE</b>	Poor	Good	Good	Poor
<b>VOLATILITY</b>	None	Low	High	None
<b>PENETRATION DEPTH</b>	Surface Film	Excellent	Excellent	Surface Film
<b>WATER REPELLENCY</b>	Excellent	Excellent	Excellent	Excellent
<b>VAPOR TRANSMISSION</b>	Poor	Excellent	Excellent	Good
<b>SURFACE APPLICATION</b>	Air-dry	Damp	Damp	Air-dry

Note: Information extracted from *Concrete Journal & Trader*, December 1993 and updated January 2001

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