



Sealer Comparison Chart

February, 2001

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

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

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