

# Deep Seal

*Environmentally Safe*

APPLICABLE STANDARDS



ASTM C-67 Section 7: Water Absorpt	Water absorption of treated concrete was decreased by 90%.
ASTM C-67-Section 9: Suction	The rate of absorption of concrete (suction) was decreased about 98%.
ASTM C-67-Section 10: Efflorescence	Efflorescence and leaching are eliminated.
ASTM C-67-Section 13:	
ASTM C-67-Section 25:	
ASTM C-67-Section 29:	
ASTM C-67-Section 65: ORF Method, Dusting Resistance	Treated concrete is four times more abrasion (dusting) resistant
ASTM C-23-69: Artificial Weathering	Artificial weathering does not diminish treated concrete.
ASTM C-114: Water Soluble Chloride Ion	Not only prevented an increase in chloride ion content, but also reduced the amount already present.
ASTM C-140: Water Repellency Rating	
ASTM C-156: Water Retention	
ASTM C-309: Class A Curing Compound	Specimens surpassed the test criteria
ASTM C-514: Permeability	
ASTM C-518: Thermal Conductivity-Thermal Resistance	
ASTM C-672-760: Scaling resistance to Deicers	Treated concrete imparts superb resistance to salt attack.
ASTM C-666: Freeze Thaw Resistance	Improves resistance to freeze-thaw damage.
ASTM C-856: Petrographic Analysis	Specimens have 50% greater density, which results in less permeability.
ASTM C-1664: Non-volatility	
ASTM D-327: Sulfate durability	
ASTM D-2047: Slip Resistance	Wet and Dry testing showed that treated concrete had better slip resistance
ASTM D-4541: Adhesion "Bond" Test	
ASTM D-5084: Hydraulic Conductivity (Permeability Test)	
ASTM E-96: Moisture Vapor Transmission	An effective barrier against water vapor emission, without loss of breathability.
ASSHTO T259-80: Chloride Ion Penetration	Reduces chloride intrusion in hardened concrete.
ASSHTO T260: Chloride Ion Content	
DIN-1048: Water Penetration	Significantly reduces the depth of water penetration
CRD C-48-73: Hydrostatic Pressure Resistance	Sealed specimens at 45psi, the equivalent of 115 ft. of standing water, while field experience has shown efficacy at near 300 ft.
CRD-52-54: Abrasion Resistance	Significantly increased abrasion resistance.
NCHRP 244: Reduction of Chloride Penetration	
NCHRP 244-Series IV: Moisture Vapor Transmission	
USDA Approved For Use In Food Processing Areas	
EPA Compliant	

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**READY TO USE**

**DO**

**NOT**

**DILUTE**