

# global accreditations

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TEST/ STANDARD	DESCRIPTION OF TEST	WHERE TESTED	RESULT
DIN 1048 Part 5	Water Penetration Test 1-7 Bar	Dubai and USA	<b>Passed +</b> Large reduction in water penetration
AS/ NZS 4020:2005	Testing of Products for use in contact with drinking water	Australia	<b>Passed +</b> No VOCs detected
US EPA 8260B- MGT 350A	Testing for presence of Volatile Organic Compounds (VOCs) by GCMS	Australia	<b>Passed +</b> No VOCs detected
ASTM C 23 -69	Artificial Weathering	USA	<b>Passed +</b> Artificial Weathering does not diminish treated concrete
ASTM C 67 Sec 7	Water Absorption	USA	<b>Passed +</b> Decreased by 90%
ASTM C 67 Sec 9	Rate of absorption (Suction) of concrete	USA	<b>Passed +</b> Decreased rate of suction
ASTM C 67 Sec 10	Reduction of Efflorescence	USA	<b>Passed +</b> Efflorescence and Leaching are eliminated
ASTM C 67 Sec 13	Absorption Transmission	USA	Passed
ASTM C 67 Sec 25	Suction	USA	<b>Passed +</b> Decreased rate of suction
ASTM C 67 Sec 29	Resistance to Efflorescence	USA	<b>Passed +</b> Efflorescence and Leaching are eliminated
ASTM C 67 Sec 65 (ORF Method)	ORF Method Abrasion (Dusting) Resistance Test	USA	<b>Passed +</b> Concrete is 4 times more abrasion resistant
ASTM C 114	Water soluble chloride ion	USA	<b>Passed +</b> Prevented increase in chloride content plus reduced amounts already present in sample
ASTM C 140	Water Repellancy Rating	USA	Passed
ASTM C 156	Water Retention	USA	Passed
ASTM C 309	Class A Curing Compound	USA	<b>Passed +</b> Specimens exceeded test criteria
ASTM C 514	Permeability	USA	Passed
ASTM C 518	Thermal Conductivity and Resistance	USA	Passed
ASTM C 672 -760	Test for Scaling Resistance	USA	<b>Passed +</b> Elevated



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PERMANENT CONCRETE PROTECTION

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ASTM C – 666 -84	Test for Freeze / Thaw Resistance	USA	<b>Passed +</b> Added resistance
ASTM C 856	Petrographic Analysis	USA	<b>Passed +</b> Specimens showed 50% greater density thus less permeability
ASTM C 1664	Non volatility	USA	Passed
ASTM D 327	Sulfate durability	USA	Passed
ASTM D 2047	Slip Resistance	USA	<b>Passed +</b> Wet and Dry testing showed better slip resistance in treated concrete
ASTM D 4541	Adhesion (Bond) test	USA	Passed
ASTM D 5084	Hydraulic Conductivity (Permeability Test)	USA	Passed
ASTM E 96	Moisture Vapour Transmission	USA	<b>Passed +</b> Effective barrier against water vapor emission without loss of breathability
ASSHTO T 259-80	Resistance to Chloride Ion Intrusion	USA	<b>Passed +</b> Reduction of chloride intrusion in hardened concrete
ASSHTO T 260	Chloride Ion (Corrosion Test)	USA	Passed
FHWA NO. RD 77-85	Chloride Ion Intrusion Resistance	USA	Passed
CRD C -48-73	US Army Corps of Engineers Hydrostatic Pressure Resistance	USA	<b>Passed +</b> Sealed specimens at 45 psi /115 feet with field exp at 300 feet
CRD 52-54	US Army Corps of Engineers Increased Abrasion Resistance	USA	<b>Passed +</b> Significant increase in abrasion resistance
NCHRP 244 Series IV	Moisture Vapor Transmission	USA	Passed
Fully approved Authority	Approved for use in Food Processing Areas	USA	USDA
Fully approved Authority	Environmentally Neutral	USA	US Environmental Protection Agency