

Krystol T1/T2 Concrete Waterproofing System

Performance Summary

2012



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Property	Typical Result	Test Method	Report Reference #
Permeability	Water Penetration < 6 mm 85% Improvement vs. Control	DIN 1048-5	83
Self Sealing Properties	Self Sealing at > 150 feet (> 45.7 m) Water pressure	Custom Port of NY/NJ	111
Integral Waterproofing	Waterproofing active below surface	Custom RM Hardy & Associates	090
	51% Improvement vs. Control with surface coating removed	DIN 1048	417
Sulfate Resistance	Increased sulfate resistance – No loss of strength after 21 cycles	US Bureau of Reclamation Accelerated Method	089
Chloride Resistance	Chloride content below threshold for steel corrosion at depth of 15mm	90 Day Ponding Test 10% Calcium Chloride	086
Carbonation	No increase in rate of carbonation	4% CO ₂ atmosphere for 28 days	052
Compressive strength T1/T2	25/45 MPa	ASTM C109	420
Tensile Bond Strength	3.5 MPa	ASTM D4541	419
Vapor Permeance (Breathability)	1.7 g/h.KPa.m ²	ASTM E96	422
Suitability for Potable Water	Approved for Potable Water Contact	NSF/ANSI 61 BS 6920:2000	173 220
Contains VOC	No	n/a	n/a