

ConduFlow Technical Specifications

Physical Properties

Property	Typical Value	Unit	Test Method
Slurry Density	1374 1.374 85.91	kg/m ³ g/cm ³ lb/ft ³	SAE Inc. Standard 104
Cured Density	1136 1.136 70.92	kg/m ³ g/cm ³ lb/ft ³	SAE Inc. Standard 111
Volume (per pail)	0.008 0.291	m ³ ft ³	SAE Inc. Standard 104
Water Permeability	8.3 x 10 ⁻⁶	cm/sec	ASTM D5084 (2.6 psi)
Electrical Corrosion Resistance		%	SAE Inc. Standard 100
Copper	100		
Steel	100		
Galvanized Steel	99.68		
Compatibility			SAE Inc. Standard 100
Copper	Yes		
Steel	Yes		
Galvanized Steel	Yes		
Environmental Impact	Neutral		Ontario Regulation 558/00 (Leachate Testing)
Freeze-thaw Withstand	30	Years	SAE Inc. Standard 102
Physical State (Uncured)	Grey - Black Granular Solid (Part 1)		
	White Liquid (Part 2)		
Physical State (Cured)	Black Solid		

Property	Typical Value	Unit	Test Method
Odor	None		
Working Time	10-30	minutes	
Setting Time	24	hours	
Cure Time	28	days	
Flow Rate	7805	g/minute	SAE Inc. Standard 109 (funnel with 1.5" diameter opening)

Electrical Properties

Property	Typical Value	Unit	Test Method
Resistivity	< 20	$\Omega \cdot \text{cm}$	SAE Inc. Standard 105
Conductivity	> 0.05	S/cm	SAE Inc. Standard 105

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