



LIDA® GRID

ACTIVATED TITANIUM EXPANDED MESH RIBBON FOR CATHODIC PROTECTION
OF STEEL IN CONCRETE

MATERIAL SPECIFICATIONS

MESH RIBBON 10 mm width		Unit	
Current Rating at 110 mA/m ²		mA/m	2,7
Dimensions	Width	mm	10 ± 0,1
	Thickness	mm	0,9 ± 0,1
Unit Lengths		m	26 + 0,3/-0
Weight (Approx) per roll of 26 m		g/roll	369 ± 10 %
Electrical resistance		Ohm/m	0,43
Expected design life		Years	100
ANODE CONCRETE INTERFACE MAXIMUM CURRENT DENSITY			
FHWA limit		mA/m ²	110
Short Term limit		mA/m ²	220
SUBSTRATE COMPOSITION		ASTM 265 Titanium Grade 1	
CATALYST		Noble Mixed Metal Oxide	
CURRENT DISTRIBUTOR			
Width		mm	15
Thickness		mm	1
Weight		g/m	68
Electrical resistance		Ohm/m	0,040

The values of materials specifications are nominal.

Milan December, 2006

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