

DE NORA LIDA® GRID

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

MATERIAL SPECIFICATIONS

MATERIAL SPECIFICATIONS			
MESH RIBBON 20 mm width		Unit	
Current Rating at 110 mA/m ²		mA/m	5.3
Dimensions	Width	mm	20 ± 0.5
	Thickness	mm	0.9 ± 0.1
	Unit Lengths	m	50 + 0.5/-0
Weight (Approx) per roll of 50 m		kg/roll	1.42 ± 10 %
Electrical resistance		Ohm/m	0.22
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 B 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	0.04

The values of materials specifications are nominal.

Milan July, 2015

All information, recommendations and suggestions in this brochure concerning the use of products are based upon tests and data believed to be reliable. Since the actual use by others is beyond control of Industrie De Nora S.p.A no guarantee, expressed or implied, is made by Industrie De Nora S.p.A as to the effect of such use or the results to be obtained, nor does Industrie De Nora S.p.A assume any liability arising out of use by others of the products referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent.

electrochemistry at your service SM

INDUSTRIE DE NORA S.P.A.

Via Bistolfi, 35 - 20134 Milan Italy - ph +39 02 21291 - fax +39 02 21292425

Cap.Soc. €16.420.000 i.v. - Reg.imp.Milano - C.F./P.I. 03998870962

mail industriedenora@denora.com web www.denora.com