

LIDA® Grid Concrete

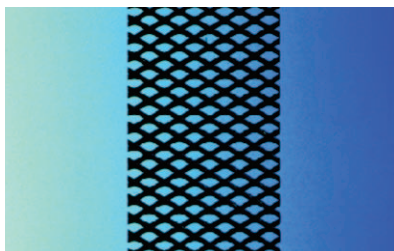
Mesh Ribbon Anodes



Sydney Opera House



LIDA® Grid Concrete



LIDA® GRID Mesh Ribbon

LIDA® GRID Anode - is the leader in mixed metal oxide anode technology. Its reliability is proven by hundreds of kilometers installed in more than 30 countries.

ADVANTAGES:

- **Uniform current distribution**
- **Mesh ribbon** width and spacing can be varied to fine tune cathodic protection current requirement
- **Easy to install** during the construction process can be installed on rebar cages, via plastic spacers, before concrete pouring
- **Activation coating** Mixed metal oxide coating; the LIDA® GRID produces mainly oxygen
- **Quality control** LIDA® GRID is manufactured under strict quality control procedures, quality control certificates are provided on request

Typical Installations

Material Specifications

MESH RIBBON	Unit	Type 1	Type 2
Current Rating at 110 mA/m ²	mA/m	5.3	2.7
Dimensions			
Width	mm	20	10
Thickness	mm	0.9	0.9
Unit Length	m	26	26
Weight (approx) per roll of 26 m	g/roll	738	369
Electrical resistance	Ohm/m	0.22	0.43
Expected design life	Years	100	100

Anode Concrete Interface Maximum Current Density

FHWA limit	mA/m ²	110	110
Short-term limit	mA/m ²	220	220
Substrate Composition		ASTM 265 Titanium Grade 1	
CATALYST		Mixed Metal Oxide for Oxygen Evolution	

Current Distributor for Type 1 and Type 2

Width	mm	15
Thickness	mm	1
Weight	g/m	68
Electrical resistance	Ohm/m	0.040

Note: the values of material specifications are nominal.



www.denora.com

Durantes Vincunt

Industrie De Nora - Via Bistolfi, 35 - 20134 Milan, Italy - ph +39 02 21291 - fax +39 02 2129 2363 - mail info.products@denora.com

All information, recommendations and suggestions appearing herein concerning the use of our products are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of the products described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by De Nora as to the effects of such use or the results to be obtained, nor does De Nora assume any liability arising out of the use by others of the products referred to herein. In addition, the information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as a recommendation to infringe any patent.