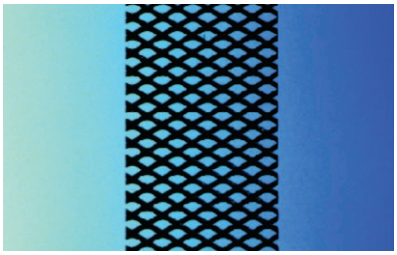
LIDA® Grid Concrete

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 beinstalled 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 proce dures, quality control certificates are provided on request

Typical Installations

Material Specifications

MESH RIBBON	Unit	Type 1	Type 2
Current Rating at 110 mA/m²	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/m²	110	110
Short-term limit	mA/m²	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.

DE NORA

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Durantes Vincunt

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