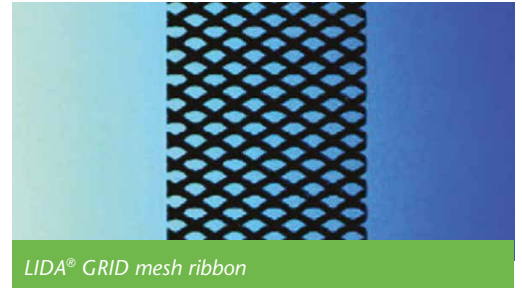


LIDA® GRID Concrete

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



Current distributor:

Width	mA/m ²	12.7	15
Thickness	mm	0.889	1
Weight	gm	50.9	68
Electrical resistance	Ohm/m	0.049	0.040

Anode Concrete Interface Maximum Current Density

- **FHWA limit:** 110 mA/m²
- **Short term limit:** 220 mA/m²
- **Substrate composition:** ASTM B 265 Titanium Grade 1
- **Catalyst:** Nobel Mixed Metal Oxide



Mesh ribbon (50m length x 0.9mm thickness):

Width	mm	10	13	15	20	25.4
Current Rating at 110 mA/m ²	mA/m ²	2.7	3.4	3.97	5.3	7.06
Weight (approx) per roll of 26m	kg/roll	0.71	0.923	1.065	1.420	1.80
Electrical resistance	Ohm/m	0.43	0.33	0.29	0.22	0.17
Expected design life	Years	100				

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