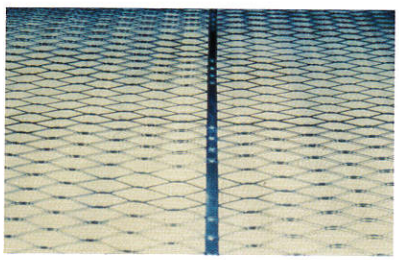
LIDA® NET

Mesh Anodes

Viaduct

Guard Rail Sidewalk Detail



LIDA® NET

LIDA® NET Anode - is the leading mixed metal oxide anode technology. Reliability is proven with over 110,000 square meters of installed anode surface area in more than 30 countries.

ADVANTAGES:

- **Even current distribution** the highly expanded mesh pattern provides uniform cathodic protection current to the rebars
- **Pre-fabricated** the LIDA® NET Anode arrives at the job site ready to be rolled out, fastened down and connected
- **Quick all weather installation** no need to wait for curing, mixing of chemicals, cutting of slots or spraying of paints; there are no electrical splices in the concrete
- **Activation coating** mixed metal oxide coating; the LIDA® NET produces mainly oxygen
- **Quality control** LIDA® NET Anode is manufactured under strict quality control procedures, quality control certificates are provided on request

TYPICAL INSTALLATIONS

Material Specifications

Technical data	Unit	LIDA®CN15	LIDA®CN25	LIDA®CN35
Maximum rated current output per unit of concrete surface	mA/m²	20	30	40
FHWA maximum anode current density (*)	mA/m²	110	110	110
*Anode current density may be increased to 220 mA/m2. In the short term, during initial polarization, the anode current density may be increased to 400 mAm².				
Expected design life	Years	100	100	100
Substrate composition	**ASTM B 265 Titanium grade 1**			
Catalyst	**Mixed Metal Oxide for Oxygen Evolution**			
Nominal diamond dimensions	mm	85 x 38	62 x 22	40 x 19
Nominal thickness (Approx)	mm	1.8	1.8	2
Lengthwise Electrical Resistance (1.2 m wide strip)	Ohm/m	0.080	0.070	0.039
	Widthwise Electrical Resistance			
With current distributor type 1	Ohm/m	0.013	0.011	0.009
With current distributor type 2	Ohm/m	0.017	0.013	0.011
	NET roll nominal dimensions			
Width	m	1.2	1.2	1.2
Length	m	50	50	50
Weight per roll (Approx)	Kg	10	13	16
Weight/m2 of NET (Approx)	Kg/m²	0.16	0.22	0.27

Current distributor	Dimensions	Electrical resistance
Type 1	15 mm (width) x 1 mm (thickness)	0.037 Ohm/m
Type 2	10 mm (width) x 0.5 mm (thickness)	0.11 Ohm/m

DE NORA

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

IDN 062_LIDA Grid Concrete 03_09