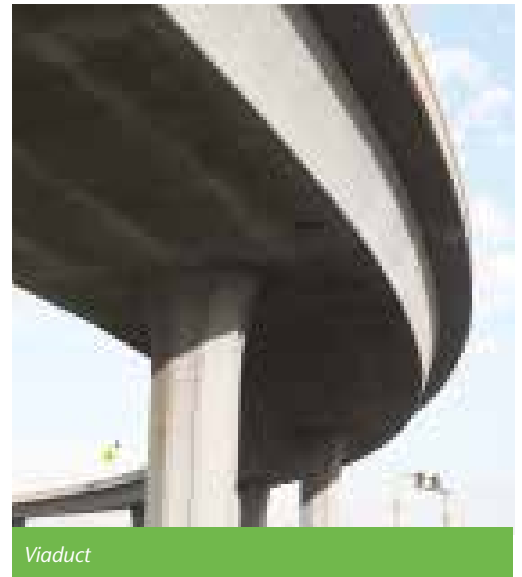


## LIDA® NET Mesh Anodes

**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
- 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
- Expected design life years 100



Viaduct

### Typical installations

Material Specifications	UNIT	LIDA® CN15	LIDA® CN25	LIDA® CN35
Substrate composition		ASTM B 265 Titanium grade 1		
Catalyst		Mixed Metal Oxide for Oxygen, Evolution		
Nominal diamond dimension	mm	85x38	62x22	40x19
Nominal thickness (approx)	mm	1.8	1.8	2
Lengthwise Electrical Resistance (1.2m wide strip)	Ohm/m	0.080	0.070	0.039
Maximum rated current output per unit of concrete surface	mA/m <sup>2</sup>	20	30	40
FHWA maximum anode current density (*)	mA/m <sup>2</sup>	110	110	110
Widthwise Electric Resistance distributor type 1	Ohm/m	0.013	0.011	0.009
Widthwise Electric Resistance distributor type 2	Ohm/m	0.017	0.013	0.011

(\*) anode current density may be increased to 220 mA/m<sup>2</sup>. In the short term, during polarization, the anode current density may be increased to 400 mA/m<sup>2</sup>

## NET roll nominal dimensions

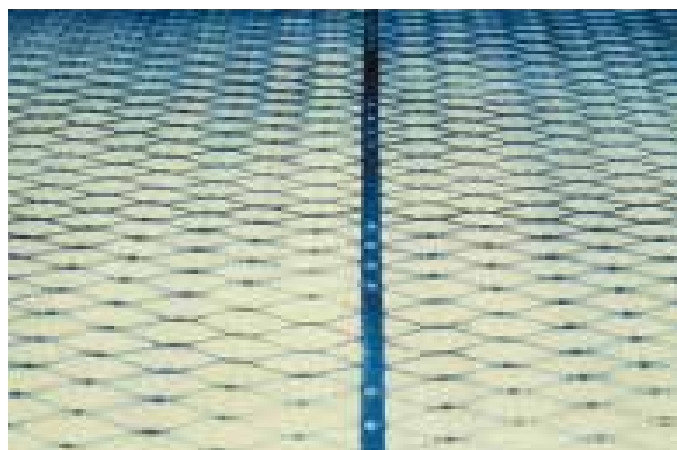
	UNIT	LIDA® CN15	LIDA® CN25	LIDA® CN35
Width	m	1.2	1.2	1.2
Legth	m	50	50	50
Weight per roll (Approx)	mm	10	13	16
Weigh/m <sup>2</sup> of NET (Approx)	Kg/m <sup>2</sup>	0.16	0.22	0.27

## Current distributor

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



Guard Rail Sidewalk Detail



LIDA® NET

ELECTROCHEMISTRY AT YOUR SERVICE™

SPECIALTIES & NEW APPLICATIONS



**Authorized  
Distributor**

**vector-corrosion.eu**

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