

STARGARD™ Discrete Mesh Anodes



Sydney Opera House

The **STARGARD™ Discrete Mesh Anodes** compliments our existing ELGARD® and LIDA® anode product line for the Cathodic protection of steel reinforced concrete structures. It is composed of a precious metal oxide catalyst on an expanded titanium mesh substrate.

The STARGARD™ Discrete Anode is available in 100 mm, 150 mm, 200 mm, 250 mm and 300 mm lengths that can be combined to meet specific requirements.

MATERIAL SPECIFICATIONS

STARGARD™ 19mm ANODE PERFORMANCE:

Maximum Current Density (CD) @ Anode	220 mA/m ²					
Mesh Length	mm	100	150	200	250	300
Anode Surface Area	m ²	.0163	.0244	.0326	.0407	.0489
Current Rating @ Max CD	mA	3.59	5.37	7.17	8.95	10.76
Expected design life	years	50				
Anode Coating	Iridium Oxide, Mixed Metal Oxide					
Substrate composition	ASTM B265 Titanium Grade 1					



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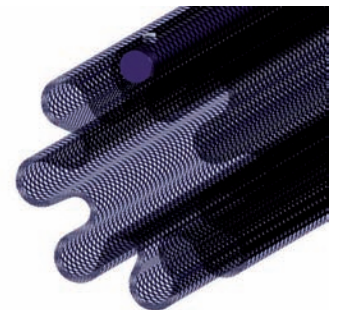
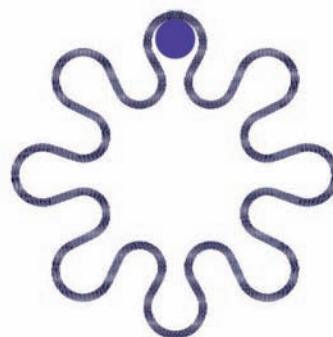
DIMENSIONS:

Anode Diameter	mm	19
Installation Hole Diameter	mm	20.6
Lengths	mm	Variable (1)
Expanded Mesh Thickness	mm	0.6
Diamond Dimensions	mm	3 x 1.9
Strand Thickness	mm	0.5

(1) See Anode Performance Charts



Forth Road Bridge Edinburgh



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Durantes Vincunt

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