

STARGARD™ Discrete Mesh Anode

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The STARGARD™ Discrete Mesh Anode is composed of a precious metal oxide catalyst on an expanded titanium mesh substrate and is primarily used for the Cathodic Protection of reinforced concrete structures.

The STARGARD™ Discrete Anode is available in 100 mm, 150 mm, 200 mm, 250mm 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	0.0163	0.0244	0.0326	0.0407	0.0489
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					

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

