



Betelguard Titanium Anode Mesh 150 is a key component for Cathodic Protection systems in reinforced concrete structures. It is composed of a precious metal oxide catalyst sintered to an expanded titanium mesh substrate.

Anode Performance

Current rating at 110 mA/m ² (10 mA/ft ²)	18/8 mA/m ² (1.71 mA/ft ²)
Expected life (NACE Standard TM02944-94)	75 years
Catalyst Mixed Metal Oxide	
Maximum anode concrete interface current density	
FHWA limit	110 mA/m ² (10 mA/ft ²)
Short-term limit	220 mA/m ² (20 mA/ft ²)

Dimensions

Width of roll	1.14 m (3.75 ft)
Length of roll	81 m (267 ft)
Area per roll 92.9 m ² (1,000 ft ²)	
Actual anode surface per unit area of concrete	0.17 m ² /m ² (0.17 ft ² /ft ²)
Expanded thickness	1.415 mm (0.056")
Diamond dimensions	34 mm x 76 mm x 0.64 mm (1-1/3" x 3" x .025")

Electrical Properties

Anode resistance lengthwise	0.085 ohm/m (0.026 ohm/ft)
Current distributor resistance lengthwise	0.049 ohm/m (0.015 ohm/ft)
Resistance widthwise w/ current distributor	.0.023 ohm/m (0.007 ohm/ft)