

TECHNICAL DATASHEET

XLPE Coated Titanium Wire

A titanium wire used in the installation of the DuoGuard Hybrid anode system




Uses

Titanium wire is used in the installation of the DuoGuard™ Hybrid Anode system, which is used to combat steel corrosion in reinforced concrete.

Description

The feed wire is used to make an electrical connection to the steel and to the DuoGuard anodes. The wires from the DuoGuard anodes and the steel are connected to a DC power supply in Phase 1 of the treatment or shorted together to operate the system galvanically in Phase 2 of the treatment. The XLPE coating is electrically insulating and is stripped from the titanium at the points where the anodes are connected. The titanium wire is used to link the DuoGuard anodes together and to make connection to the power supply and the steel.

Technical and Sales Support

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Properties

Titanium Grade	ERTi 1	
Core Diameter	1.2mm (1/16")	
Insulating Coating	XLPE	
Insulating Colour	Black (for Steel)	Red (for Anode)
Overall Diameter	2.4mm (1/8 ")	
Single Wire Length	Up to 900m (984.25 yards)	




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