

# XLPE Coated Titanium Wire



## Technical Datasheet

### Use

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

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.

### Specification

<b>Titanium grade</b>	<b>ER Ti 1</b>
<b>Core diameter</b>	<b>1.2 mm</b>
<b>Insulating coating</b>	<b>XLPE</b>
<b>Insulation colour</b>	<b>Black (for steel)</b>
	<b>Red (for anode)</b>
<b>Overall Diameter</b>	<b>2.4 mm</b>
<b>Single Wire length</b>	<b>Up to 900 m</b>

### Contact Details

For technical and sales support please contact us at; **Concrete Preservation Technologies Ltd**

t: +44 (0)115 9724 238

f: +44 (0)115 9220 316

[www.cp-tech.co.uk](http://www.cp-tech.co.uk)

Unit 1, Palmer Business Court

Manor House Road,

Long Eaton, Nottingham,

United Kingdom, NG10 1LR



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