



## DATA SHEET

### FORMWORK - THREADED TIE ROD BAR

We confirm our Formwork (Threaded Tie Rod Bar) is manufactured as follows:-



#### Description:

Formwork Threaded Tie Bar is produced from high tensile steel with a coarse, right-hand screw thread over its length

#### Material:

Hot rolled, high strength, non-weldable alloy steel.  
General conformance to BS 4486: High Tensile Steel Bars for Prestressing of Concrete  
Deformation conforming to ASTM A 618 for reinforcing steel bars

#### Dimensions:

Diameter: Inner - 15mm / Outer - 17mm  
Section Area: 177mm<sup>2</sup>  
Thread: Coarse pitch threadform (d/2), right-handed, pitch 10mm

#### Other:

Surface finish: Self Colour (Plain)  
Weight: 4,180g per 3m long bar

#### Technical:

Steel Grade:	N/mm <sup>2</sup>	900
Ultimate Strength:	kN	195
0.1% (a) Proof Strength:	kN	159
70% Ultimate Strength:	kN	136
50% Ultimate Strength:	kN	98
Cross Sectional Area:	mm <sup>2</sup>	177
Ultimate Load Capacity:	kN	191
Yield Load:	kN	156

This data sheet is valid until there is significant change in the product and characteristics

Signed By:

Name: **Andy Bridge**

Position: **Commercial Manager**

Date: **11 January 2018**