



**Declaration of Performance
No. T42/01**

Unique identification code of the product-type:
Type T42 Prestressed Floor Beam

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Beams for Beam and Block Floor Systems

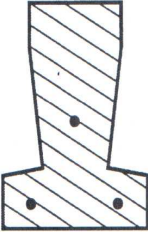
Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):
Robeslee Concrete, Southbank Rd, Kirkintilloch, Glasgow, G66 1UB

System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:
System 2+

Declaration of performance concerning covered by a harmonised standard:
BS EN 15037-1:2008

CODA Structures, 14 Springfield Court, Leeds, LS20 8FD – Design Calculations

BSI –awaiting factory inspection

Essential characteristics	Performance	Harmonised technical specification
Compressive strength (fck)	50 N/mm ²	BS EN 15037-1:2008
Ultimate Tensile of Steel (f _{pk})	1,860 N/mm ²	
Tensile 0,1 % proof-stress	1,634 N/mm ²	
Mechanical Strenght (by calculation) Method 3	Servicability: (MR Serv)) 7.744 kNm Ultimate (MRUlt): 9.797 kNm. (by strain compatibility) Ultimate (Mrult): 11.22 kNm Shear: 20.238 kN	
Resistance to Fire	dependent upon surrounding elements of construction	
Acoustic Properties	dependent upon surrounding elements of construction	
Detailing	 <p>Measures in mm Height = 150 Width = 120 Strands =10138-3-Y1860S3</p>	
Durability	XC1,XC2,XC3 and XC4	

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Issued By: Steven Black (Operations Manager)

Date: 24/06/2012

Steven Black