



NON COMPOSITE LINTELS (TYPE T₄₂)



Declaration of Performance No. T42/01

No.T₄₂ - TBC

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 Designated 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:

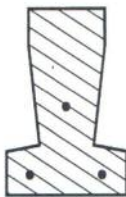
System 2+

Declaration of performance concerning covered by a Designated standard:

BS EN 15037-1:2008

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

BSI –awaiting factory inspection

Essential characteristics	Performance	Designated technical specification
Compressive strength (fck)	50 N/mm ²	BS EN 15037-1:2008
Ultimate Tensile of Steel (fpk)	1,860 N/mm ²	
Tensile 0,1 % proof-stress	1,634 N/mm ²	
Mechanical Strength (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	