



Declaration of Performance

The undersigned, representing the following:

Lynx Precast Limited
Lynefield Park
Ashington
Northumberland
NE63 9YH

Confirms that:

Beams for Beam-and-Block floor systems:- CS160

Manufacturing Plant: Lynemouth

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FPC Certificate No.: 0086-CPR-607142

Conforms to harmonised European Standard: BS EN 15037-1:2008

155x160 concrete prestressed units

Provision to which the product confirms: Standard: Annex ZA of BS EN 15037-1:2008
Regulation (EU) No. 305/2011

Concrete:

Compressive strength.....: 65.0 N/mm²

Prestressing steel:

Ultimate tensile strength.....: 1770 N/mm²

Tensile 0.1% proof stress.....: 1470 N/mm²

Mechanical Resistance (design values):

Bending moment capacity Ult.....: 16.9 kNm

Shear capacity (of end section).....: 36.4 kN

Resistance to fire R.....: 30 minutes

For geometrical data, detailing, durability, acoustic insulation properties, complementary information on fire resistance see the Technical documentation

Technical Documentation: Technical Manual

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturers instructions.

Signed on behalf of the manufacturer:

Full name: **Andy Teasdale**

Position: Director

Date: 20th April 2017