



## DECLARATION OF PERFORMANCE

CONCAST PRECAST GROUP

**Product Identification Code:** Bridge element

**Product Type:** Precast pre-stressed concrete bridge beams

**Intended Use:** For bridge decking

**Manufacturing Plant:** Concast Precast Group  
Hazelhatch Road  
Newcastle, Co. Dublin

**Notifying Body:** SGS United Kingdom Ltd.  
Unit 202b Worle Parkway  
Weston-Super-Mare, BS22 6WA

**System of Assessment:** System 2+

### EN 15050:2007 + A1:2012

SGS United Kingdom Ltd. (notified body no: 0120) conducted 2 stage inspection of the production facility and production controls and continuous surveillance and assessment of factory production controls prior to issuing certificate of conformity of the factory production.

#### Concrete:

Compressive strength..... $f_{ck} = 50 \text{ N/mm}^2$

#### Reinforcing steel:

Ultimate tensile strength..... $f_{tk} = 575 \text{ N/mm}^2$

Tensile yield strength..... $f_{yk} = 500 \text{ N/mm}^2$

#### Prestressing steel:

Ultimate tensile strength..... $f_{pk} = 1860 \text{ N/mm}^2$

Tensile 0.1% proof-stress..... $f_{p0,1k} = 1600 \text{ N/mm}^2$

For geometrical data, detailing, mechanical strength, fire resistance and durability see design specifications

**Design specification:** Concast technical document (available on request)

The above mentioned product conforms with the declared values and to be installed as per safe building practise and manufacturer's instructions.

Signed on behalf of Concast:

Ben A Quinn (Managing Director)  
Concast Precast Group