



DECLARATION OF PERFORMANCE

CONCAST PRECAST GROUP

Product Identification Code: Linear structural elements

Product Type: Pre-cast / pre-stressed concrete beams

Intended Use: For structural concrete frame

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

Notifying Body: NSAI (National Standards Authority of Ireland)
1 Swift Square
Northwood Santry Dublin 9

System of Assessment: System 2+

EN 13225:2013

National Standards Authority of Ireland (notified body no: 0050 - CPR – 0411) 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:

Caroline Quinn (Director)
Concast Precast Group