



DECLARATION OF PERFORMANCE

CONCAST PRECAST GROUP

Product Identification Code: Precast concrete stairs

Product Type: Precast concrete stairs with/without top and/or bottom landing

Intended Use: Structural concrete stair flights

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 14843:2007

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, airborne sound insulation 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