



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

**System of Assessment:** System 2+

### EN 14843:2007

National Standards Authority of Ireland (notified body no: 0050 - CPR - 0409) 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:

Caroline Quinn (Director)  
Concast Precast Group