



O'REILLY
— concrete —

CE

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O'Reilly Concrete, Larchfield, Kingscourt
Co. Cavan
Ireland

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GB13/89585

EN 14843

Precast Concrete Stairs and Landings
EXTERNAL/INTERNAL STAIRS AND LANDINGS

Concrete :

Compressive strength f_{ck} = 40 N/mm²

Reinforcing steel :

Ultimate tensile strength f_{tk} = 600 N/mm²

Tensile yield strength f_{yk} = 500 N/mm²

For geometrical data, detailing, mechanical strength, fire resistance, airborne sound insulation and durability see the design specifications

Design Specification : Precast Structures Design
Specification

Order Code: To clients order



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| DECLARATION OF PERFORMANCE | | |
|--------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------|
| <i>Trade Name:</i> | O'Reilly Concrete | |
| <i>Place of Manufacture:</i> | Larchfield, Kingscourt, Co. Cavan | |
| <i>Product Type:</i> | Precast Concrete Stairs and Landings | |
| <i>Unique Identification Code:</i> | PC - Stair | |
| <i>Intended Use:</i> | Stair Flights and Landings for Structural, internal and external use | |
| <i>System of Assessment:</i> | System 2+ | |
| <i>Notified Certification Body:</i> | SGS UK Ltd Unit 202b Worle Parkway Weston-super-Mare Somerset BS22 6WA | |
| <i>Notified Body Number:</i> | 0120 | |
| DECLARED PERFORMANCE: | | |
| <i>Essential Characteristics</i> | <i>Performance</i> | <i>Harmonised Technical Standard</i> |
| Compressive Strength | 40N/mm ² | EN 14843:2007 |
| Reinforcing Steel: | | |
| Ultimate tensile strength, f_{tk} | 500N/mm ² | |
| Tensile yield strength, f_{yk} | 600N/mm ² | |
| Mechanical Strength (by calculation) | Refer to Design Specification | |
| Resistance to fire | Refer to Design Specification | |
| Detailing | Refer to Detailed Drawings and technical documentation | |
| Impact noise transmission | NPD | |
| Safety in use | Refer to Building Regulations | |
| Durability against corrosion | Refer to Design Specification | |
| Signed on Behalf of Manufacturer |  | FULL NAME: Barry O'Reilly |
| Position | Managing Director | 20 August 2013 |