



O'REILLY
— concrete —

CE

0120

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

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GB13/89585

EN 14992:2007+A1:2012

Wall Elements – Solid Walls

Load Bearing Wall Element

Concrete :

Compressive strength f_{ck} = 50 N/mm²

Reinforcing steel :

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

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


For geometrical data, tolerance class, detailing, mechanical strength, fire resistance, acoustic insulation parameters, thermal insulation parameters and durability see the design specifications

Design Specification : Precast Structures Design
Specification

Order Code: To client order



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DECLARATION OF PERFORMANCE		
<i>Trade Name:</i>	O'Reilly Concrete	
<i>Place of Manufacture:</i>	Ballyhoe, Carrickmacross, Co. Monaghan	
<i>Product Type:</i>	Wall Elements – Solid Walls	
<i>Unique Identification Code:</i>	PC – Solid Wall – 100mm-500mm	
<i>Intended Use:</i>	Load Bearing Wall Element with/without façade functions	
<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	50N/mm ²	EN 14992:2007+A1:2012
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	
Reaction to fire	Class A.1	
Acoustical Insulation	NPD	
Thermal Resistance	Refer to Design Specification	
Detailing	Refer to Detailed Drawings and technical documentation	
Durability	Refer to Design Specification	
Signed on Behalf of Manufacturer		FULL NAME: Barry O'Reilly
Position	Managing Director	20 August 2013