



O'REILLY
— concrete —

CE

0120

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

13

GB13/89585

EN 14844:2006+A2:2011

Box Culverts

PRECAST CONCRETE BOX CULVERTS

Concrete :

Compressive strength $f_{ck} = 50 \text{ N/mm}^2$

Reinforcing steel :

Ultimate tensile strength $f_{tk} = 600 \text{ N/mm}^2$

Tensile yield strength $f_{yk} = 500 \text{ N/mm}^2$


For geometrical data, detailing, mechanical strength,
fire resistance, acoustic insulation parameters 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 BOX CULVERTS	
<i>Unique Identification Code:</i>	PC Box Culverts	
<i>Intended Use:</i>	Creation of voids below ground for conveyance and storage of materials	
<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 14844:2006+A2:2011
<i>Reinforcing Steel:</i>		
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 (for load bearing capacity)	Refer to Design Specification	
Airbourne sound insulation and impact noise transmission	NPD	
Detailing	Refer to Detailed Drawings and technical documentation	
Durability	Refer to Design Specification	
Signed on Behalf of Manufacturer		
Position	Managing Director	20 August 2013