



Declaration of Performance (DoP)  
WCP13225  
Linear Precast Structural Element



DECLARATION OF PERFORMANCE		NR: DOP Beams
Registered Trade Name	<i>Hughes Precast Products</i>	
Place of Manufacture	<i>338 Monaghan Road, Middletown, Co. Armagh, BT60 4JQ.</i>	
Product Type	<i>Linear Precast Structural Element (Beam For Structures)</i>	
Identification Of Product Type	<i>Pre-cast concrete beams</i>	
Type, batch or series number	<i>See article number of the product</i>	
System of AVCP	<i>System 2+</i>	
Notified Certification Body	Dancert A/S Gregersensvej 1 DK-2630 Taastrup	
Notified Body Number	1073	
<b>DECLARED PERFORMANCE</b>		
Essential Characteristics	Performance	Harmonised Technical Standard
Compressive Strength	50N/mm <sup>2</sup>	EN 13325:2013
<b>Reinforcing Steel:</b>		
Ultimate tensile strength, $f_{tk}$	540N/mm <sup>2</sup>	
Tensile yield strength, $f_{yk}$	500N/mm <sup>2</sup>	
<b>Prestressing Steel:</b>		
Ultimate tensile strength, $f_{pk}$	1770N/mm <sup>2</sup>	
Tensile 0.1% proof-stress, $f_{p0.1k}$	1500N/mm <sup>2</sup>	
Mechanical Strength (Method 3) (by calculation)	Refer to Design Specification	
Resistance to fire (Method 3) (For Load Bearing Capacity)	Refer to Design Specification	
Dangerous Substances	See Material Safety Data Sheet	
Detailing	Refer to Detailed Drawings and Technical Documentation	
Durability against Corrosion	Refer to Design Specification	
Signed on Behalf of Manufacturer		Stephen Wright
Position	Design Engineer	
1 <sup>st</sup> issued	<i>July 2013</i>	
Revised	<i>(Revised 12 03 21) REV 2</i>	
Contact Info	<i>info@wright.ie</i>	