
	Declaration of Performance			Ref. No.	QA 019
	200mm Double Load Bearing Wall Panels – 12.5mm diameter strand			Rev. No.	1
				Date:	16.06.20
				Auth By:	A McCartney

1. Unique identification code of the product type:

**Precast pre-stressed wall panels
200mm Double Load Bearing Wall Panels – 12.5mm diameter strand**

2. Type, batch or serial number or any other method of identification of the product type:

Categories: 075/1 to 10

3. Intended use of the product, in accordance with the applicable technical specification, as foreseen by the manufacturer:

Precast pre-stressed wall panels used for retaining materials or for walling

4. Name, registered trade name or registered trademark and contact address of the manufacturer:

Moore Concrete Products Ltd., Caherty House, 41 Woodside Road, Ballymena, Co. Antrim, Northern Ireland, BT42 4QH



5. System or systems of assessment and verification of constancy of performance of the construction product:

System 2+, Method 2

6. Declaration of performance concerning a product covered by the harmonized standard:

BS EN 14992 2007+A1:2012 Precast concrete products - Wall elements

The notified body British Standards Institution (BSI No. 2797-CPR-616277) performed the initial inspection of the manufacturing plant and of factory production control. BSI oversees and inspects regularly the production in the factory, and it has issued a certificate of conformity for the factory production control.

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7. Declared performance:

Essential characteristic as in Table ZA.1	Performance	Harmonised technical specification
Design life	50 Years	BS EN 14992 2007+A1:2012 Precast concrete products - Wall elements
Concrete		
Compressive strength	$f_{ck} = 40 \text{ N/mm}^2$	
Reinforcement		
Ultimate tensile strength	$f_{tk} = 1860 \text{ N/mm}^2$	
Tensile yield strength	$f_{yk} = 1637 \text{ N/mm}^2$	
Mechanical resistance (design values)		
Bending moment capacity	137kNm	
Shear capacity	135kN	
Material safety factors applied in strength calculations		
Concrete	1.5 γ_c	
Steel	1.15 γ_s	
Durability	XC3/4, XD2, XS1	
Fire resistance	NPD	
Acoustic resistance	NPD	
Geometrical data	See product drawing	
Detailing		

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.



Signed on behalf of the manufacturer by:



Wilbert Moore (Managing Director)

Moore Concrete Products Ltd, Ballymena, Co. Antrim

June 2020

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Unique identification code of the product type:

**Precast pre-stressed wall panels
200mm Non-Load Bearing Wall Panels**

Type, batch or serial number or any other method of identification of the product type:

Categories: 075/1 to 10

Intended use of the product, in accordance with the applicable technical specification, as foreseen by manufacturer:

Precast pre-stressed wall panels used for retaining materials or for walling

Name, registered trade name or registered trademark and contact address of the manufacturer:

**Concrete Products Ltd., Caherty House, 41 Woodside Road, Ballymena, Co. Antrim, Northern Ireland
4QH**



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Unique identification code of the product type:

**Precast pre-stressed wall panels
200mm Single Load Bearing Wall Panels – 12.5mm diameter strand**

Type, batch or serial number or any other method of identification of the product type:

Categories: 075/1 to 10

Intended use of the product, in accordance with the applicable technical specification, as foreseen by manufacturer:

Precast pre-stressed wall panels used for retaining materials or for walling

Name, registered trade name or registered trademark and contact address of the manufacturer:

Concrete Products Ltd., Caherty House, 41 Woodside Road, Ballymena, Co. Antrim, Northern Ireland



System or systems of assessment and verification of constancy of performance of the construction product

System 2+, Method 2

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BS EN 14992 2007+A1:2012 Precast concrete products - Wall elements

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Unique identification code of the product type:

Precast pre-stressed wall panels

Type, batch or serial number or any other method of identification of the product type:

Categories: 075/1 to 10

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Precast pre-stressed wall panels used for retaining materials or for walling

Name, registered trade name or registered trademark and contact address of the manufacturer:

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4QH**

System or systems of assessment and verification of constancy of performance of the construction product

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