

MILBANK	Milbank Concrete Products Ltd	CE
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<p style="text-align: center;">DECLARATION OF PERFORMANCE FPC Certificate Number 0086-CPR-594274</p> <p style="text-align: center;">Milbank Concrete Products Ltd, Earls Colne, Colchester, CO6 2NS</p>		

CONSTRUCTION PRODUCTS REGULATION

D225

1. Identification code: **Prestressed Beam**
2. Type: **D225**
3. Intended use: **Structural Prestressed Beams for Beam and Block floor systems**
4. Manufacturer: **Milbank Concrete Products Ltd UK**
5. Authorised representative: **Not applicable**
6. Assessment and verification of constancy of performance: **System 2+**
7. Relevant harmonised standard: **EN 15037-1:2008**
8. European Technical Assessment: **Not applicable**
9. Declared performance: {with reference to Table ZA.1 and the information quoted in the list ZA.3.1.1 and Method 3 "declaration of compliance with given design specification" (ZA.3.4)}

Essential Characteristics	Declared performance	Harmonised Standard
Concrete: Compressive strength (cube)	$f_{ck,cube} = 55\text{N/mm}^2$	EN 15037-1:2008
Prestressing Steel: Ultimate tensile strength Tensile 0.1% proof-stress	5mm wire: $f_{pk} = 1,770\text{N/mm}^2$ $f_{p0.1k} = 1,557\text{ N/mm}^2$ 7mm wire: $f_{pk} = 1,670\text{N/mm}^2$ $f_{p0.1k} = 1,470\text{N/mm}^2$	
For geometrical data, detailing, mechanical strength, fire resistance, acoustic insulation parameters and durability see the design specifications.	See Design drawings and specification (client's order.)	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Mr M J C Milbank

Position:

Technical Consultant

Date: 24th October 2013

Created By: MJC Milbank		Page 1 of 1
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