| MILBANK CONCRETE PRODUCTS | Milbank Concrete Products Ltd | UK CA 16 |
|---|---|---|

DECLARATION OF PERFORMANCE
FPC Certificate Number 0086-CPR-594274

Milbank Concrete Products Ltd, Earls Colne, Colchester, CO6 2NS

**CONSTRUCTION PRODUCTS REGULATION**

**T225**

1. Identification code: **Prestressed Beam**
2. Type: **T225**
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:<br>Compressive strength (cube) | $f_{ck,cube}$ =55N/mm² | EN 15037-1:2008 |
| Prestressing Steel:<br>Ultimate tensile strength<br>Tensile 0.1% proof-stress | 5mm wire: $f_{pk}$ = 1,770N/mm²<br>$f_{p0.1k}$ = 1,557 N/mm²<br>9.3mm strand: $f_{pk}$ = 1,770N/mm²<br>$f_{p0.1k}$ = 1,557N/mm² | |
| 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 on behalf of the manufacturer by: **Mr SA Carpenter**

Position: **Group HS&E Manager** Date: **1st January 2023**