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Construction Products Regulation
Declaration of Performance

Identification Code: XFS5
Certificate Number: HS/FA/CH/CO/240XFS5

Serial number: None

Intended use: Concrete lintel intended for use in walls and partitions

Manufacturer: Naylor Concrete Products Ltd, Whaley Road, Barugh Green, Barnsley, South Yorkshire, S75 1HT

Assessment and verification of constancy of performance: System 3

Relevant harmonised standard: EN 845-2:2013 +A1:2016

Lucideon Ltd (Notified Body No.1289) carried out initial type testing to EN845-2:2013 under AVCP system 3 and issued test report Ref: UK20310 (QT-58924/2/AM)/Ref. 1/CR3/Supp1

Declared Performance

| XtraFire XFS5 | Lintel Length | | | | | | | | | | |
|---|---|-------|-------|-------|------|------|-------|------|------|------|------|
| Essential Characteristics | 900 | 1100 | 1200 | 1500 | 1800 | 2100 | 2400 | 2700 | 3000 | 3300 | 3600 |
| Load bearing capacity (kNm ⁻¹) | 29.02 | 21.78 | 17.80 | 12.48 | 8.00 | 5.49 | 3.95 | 2.94 | 2.24 | 1.59 | 1.11 |
| Deflection at 1/3 of load capacity (mm) | 1.600 | | | 2.147 | | | 2.207 | | | | |
| Thermal resistance | Thermal conductivity $\lambda_{10,dry,mat}$ (according to EN 1745) 1.52 W/m.K | | | | | | | | | | |
| Resistance to fire | R240 minutes | | | | | | | | | | |
| Durability of performance characteristics against corrosion | C2 - from table C3 EN 845-2:2013 (E) | | | | | | | | | | |
| Durability of performance characteristics against freeze/thaw cycle | Resistant | | | | | | | | | | |
| Water vapour permeability | NPD | | | | | | | | | | |
| Dangerous substances | None | | | | | | | | | | |

The performance of the product identified is in conformity with the declared performance above. This declaration of performance is issued under the sole responsibility of the manufacturer identified.

Signed for and on behalf of the manufacturer by:

H MacIntosh, (Technical & Development Director), 3rd Feb 2025