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Regulation Construction Products Declaration of Performance

Identification Code: XFR6

Certificate Number: HS/FA/CH/CO/XFR6

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 XFR6	Lintel Length										
	900	1100	1200	1500	1800	2100	2400	2700	3000	3300	3600
Essential Characteristics	900	1100	1200	1500	1800	2100	2400	2700	3000	3300	3600
Load bearing capacity (kNm ⁻¹)	29.74	18.56	15.18	10.66	6.64	4.72	3.42	2.56	1.97	1.54	0.92
Deflection at 1/3 of load capacity (mm)	1.640				1.823				1.918		
Thermal resistance	Thermal conductivity $\lambda_{10,dry,mat}$ (according to EN 1745) 1.52 W/m.K										
Resistance to fire	R60/90/120/180 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), 2nd Jan 2023