

**NAYLOR**  
CONCRETE

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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: UK2031/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 <sup>-1</sup> )	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), 1<sup>st</sup> July 2022