



**Construction Products Regulation  
Declaration of Performance**

**Identification Code: FIRE-R190**  
**Certificate Number: HS/FA/EC/FS/9R190**

*Serial number:* FS90R190

*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:* BS EN 845-2:2013+A1:2016

*Lucideon Ltd (Notified Body No.1289) carried out initial type testing to EN846-9:2016 under AVCP system 3 and issued test report Ref: UK214995/Ref.1/CR2*

**Declared Performance – Standard / Fair Faced**

FIRE SPEC R190 – 90 MINS	Lintel Length									
Essential Characteristics	900	1200	1500	1800	2100	2400	2700	3000	3300	3600
Load bearing capacity (kNm <sup>-1</sup> )	131.45	65.73	51.79	38.83	29.20	22.28	17.07	13.44	10.80	9.42
Deflection at 1/3 of load capacity (mm)	2.52									
Thermal resistance	Thermal conductivity $\lambda_{10,dry,mat}$ (according to EN 1745) 1.52 W/m.K									
Resistance to fire	90 minutes									
Durability of performance characteristics against corrosion	C2 - from table C3 EN 845-2:2016 (E)									
Durability of performance characteristics against freeze/thaw cycle	Resistant									
Water absorption	1.15 C <sub>w,s</sub>									
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 and Development Director), 17<sup>th</sup> May 2022