



**Construction Products Regulation  
Declaration of Performance**

**Identification Code: R8**  
**Certificate Number: HS/FA/CH/CO/R8**

*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

*Lucideon Ltd (Notified Body No.1289) carried out initial type testing to EN845-2:2013 under AVCP system 3 and issued test report Ref: 16904/Ref.1/CR1*

**Declared Performance – Standard / Fair Faced**

HI SPEC R8 – 60 MINS FIRE	Lintel Length											
Essential Characteristics	900	1100	1200	1500	1800	2100	2400	2700	3000	3300	3600	
Load bearing capacity (kNm <sup>-1</sup> )	100.57	80.31	70.84	40.26	39.60	26.60	21.97	16.93	13.40	10.83	9.49	
Deflection at 1/3 of load capacity (mm)	3.14											
Thermal resistance	Thermal conductivity $\lambda_{10, dry, mat}$ (according to EN 1745) 1.52 W/m.K											
Resistance to fire	60 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 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**, (Divisional Director), Barugh Green, 17<sup>th</sup> March 2017