



**Construction Products Regulation  
Declaration of Performance**

**Identification Code: R11**  
**Certificate Number: HS/FA/CH/CO/R11**

*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: 132024/Ref 8*

**Declared Performance – Standard / Fair Faced**

HI SPEC R11 – 90 MINS FIRE	Lintel Length											
Essential Characteristics	900	1100	1200	1500	1800	2100	2400	2700	3000	3300	3600	
Load bearing capacity (kNm <sup>-1</sup> )	129.32	103.26	93.78	78.41	63.98	47.29	35.27	27.25	21.61	17.52	14.90	
Deflection at 1/3 of load capacity (mm)	2.45											
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 845-2:2013 (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