

**NAYLOR**  
CONCRETE

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Excellent Construction Products



140



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**Construction Products Regulation**  
Declaration of  
Performance

**Identification Code: R6**  
**Certificate Number: HS/FA/CH/CO/R6**

*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 845-2:2016

*Lucideon Ltd (Notified Body No.1289) carried out initial type testing to EN845-2:2016 under AVCP system 3 and issued test report Ref: UK20866/Ref.1/CR2*

**Declared Performance – Standard / Fair Faced**

<b>HI SPEC R6</b>	<b>Lintel Length</b>											
<b>Essential Characteristics</b>	900	1100	1200	1350	1500	1800	2100	2400	2700	3000	3300	3600
Load bearing capacity (kNm <sup>-1</sup> )	38.90	29.06	25.20	20.70	17.70	12.60	9.10	6.70	5.00	4.97	3.80	2.50
Deflection at 1/3 of load capacity (mm)	6.06											
Thermal resistance	Thermal conductivity $\lambda_{10,dry,mat}$ (according to EN 1745) 1.52 W/m.K											
Resistance to fire	30 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											

Signed for and on behalf of the manufacturer by:

**H MacIntosh**, (Divisional Director), Barugh Green, 18<sup>th</sup> November 2020