

**NAYLOR**  
CONCRETE

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**Construction Products Regulation**  
Declaration of Performance

**Identification Code: ER3**  
**Certificate Number: HS/FA/EC/FS/ER3**

*Serial number:* EC-ER3

*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**

<b>ER3</b>	<b>Lintel Length</b>							
<b>Essential Characteristics</b>	<i>900</i>	<i>1200</i>	<i>1500</i>	<i>1800</i>	<i>2100</i>	<i>2400</i>	<i>2700</i>	<i>3000</i>
Load bearing capacity (kNm <sup>-1</sup> )	9.80	5.56	3.84	2.40	1.61	1.13	0.82	0.61
Deflection at 1/3 of load capacity (mm)	1.97							
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							

*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*

**H MacIntosh**, (Technical and Development Director), 17<sup>th</sup> May 2022