



**Construction Products Regulation  
Declaration of Performance**

**Identification Code: ER2**  
**Certificate Number: HS/FA/EC/FS/ER2**

*Serial number:* EC-ER2

*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**

ER2	Lintel Length							
Essential Characteristics	900	1200	1500	1800	2100	2400	2700	3000
Load bearing capacity (kNm <sup>-1</sup> )	35.30	20.83	14.69	9.49	6.59	4.81	3.63	2.82
Deflection at 1/3 of load capacity (mm)	2.91							
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**, (Technical and Development Director), 17<sup>th</sup> May 2022