

NAYLOR
CONCRETE

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Construction Products Regulation
Declaration of
Performance

Identification Code: ER1E
Certificate Number: HS/FA/CH/CO/ER1E

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

ER1 – ON EDGE	Lintel Length										
	900	1100	1200	1500	1800	2100	2400				
Essential Characteristics	900	1100	1200	1500	1800	2100	2400				
Load bearing capacity (kNm ⁻¹)	12.27	7.21	5.56	3.80	2.61	1.80	1.28				
Deflection at 1/3 of load capacity (mm)	1.14										
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 _{w,s}										
Water vapour permeability	NPD										
Dangerous substances	None										

Signed for and on behalf of the manufacturer by:

H MacIntosh, (Divisional Director), Barugh Green, 18th November 2020