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Construction Products Regulation
Declaration of Performance

Identification Code: ER1E
Certificate Number: HS/FA/EC/FS/ ER1E

Serial number: EC-ER1E

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

ER1 – ON EDGE	Lintel Length					
Essential Characteristics	<i>900</i>	<i>1200</i>	<i>1500</i>	<i>1800</i>	<i>2100</i>	<i>2400</i>
Load bearing capacity (kNm ⁻¹)	12.98	7.53	5.27	3.37	2.32	1.67
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, (Technical and Development Director), 17th May 2022