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**Construction Products Regulation**  
Declaration of Performance

**Identification Code: ER2E**  
**Certificate Number: HS/FA/EC/FS/ER2E**

*Serial number:* EC-ER2E

*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> )                          | 26.64   | 15.54 | 10.92 | 7.05 | 4.90 | 3.59 | 2.72 | 2.13 |
| Deflection at 1/3 of load capacity (mm)                             | 3.13  |       |       |      |      |      |      |      |
| 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