



**Construction Products Regulation
Declaration of
Performance**

Identification Code: R11
Certificate Number: HS/FA/CH/CO/R11

Serial number: None

Intended use: Concrete Lintel intended for use internally 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 845-2:2013

Ceram Research (Notified Body No.1289) carried out Initial Type Testing to EN845-2:2013 under AVCP system 3 and issued test report Ref 132024/Ref 8

Declared performance

| R11 | Lintel Length | | | | | | | | | | | |
|---|---|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Essential Characteristics | 900 | 1100 | 1200 | 1350 | 1500 | 1800 | 2100 | 2400 | 2700 | 3000 | 3300 | 3600 |
| Load bearing capacity (kNm ⁻¹) | 128.00 | 102.20 | 98.82 | 88.20 | 77.58 | 63.30 | 51.38 | 38.85 | 29.64 | 23.53 | 19.09 | 16.25 |
| Deflection at 1/3 of load capacity(mm) | 1.18 | | | | | | | | | | | |
| Thermal Resistance | Thermal conductivity $\lambda_{10,dry,mat}$ (according to EN 1745) 1.52 W/m.K | | | | | | | | | | | |
| Resistance to Fire | R30 | | | | | | | | | | | |
| Durability of Performance characteristics against corrosion | C2 - from table C3 EN 845-2:2013 (E) | | | | | | | | | | | |
| Durability of performance characteristics against freeze/thaw cycle | Resistant | | | | | | | | | | | |
| 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, (Divisional Director), Barugh Green, 8th November 2013