



215



190

Construction Products Regulation
Declaration of Performance

Identification Code: R190
Certificate Number: HS/FA/CH/CO/R190

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 11

Declared performance

R190 Fire 120	Lintel Length											
Essential Characteristics	900	1100	1200	1350	1500	1800	2100	2400	2700	3000	3300	3600
Load bearing capacity (kNm ⁻¹)	126.49	101.00	91.72	87.87	70.66	46.87	33.22	24.68	18.98	14.99	12.08	10.56
Deflection at 1/3 of load capacity(mm)	0.82											
Thermal Resistance	Thermal conductivity $\lambda_{10,dry,mat}$ (according to EN 1745) 1.52 W/m.K											
Resistance to Fire	R120											
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