



Granagh Concrete Products

Granagh, Kilmallock, Co. Limerick
P103918-1000-CPR-0102. Concrete Lintels

DECLARATION OF PERFORMANCE

System +3 "BRE Certified Notified Body EU"

Sample Lintel Type: 100mm x 65 mm x 2400 mm, intended to be used in walls and partitions conforms to **Harmonized European Standard IS EN845-2:2013**

Provision to which the product conforms: **Standard Annex ZA of IS EN 845-2:2013, system +3**

Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer in walls and partitions conforms to **European Standard I.S.EN845-2:2013**

Declared Performance

NPD — No Performance declared

Loading capacity Flexural: 8.3kn

Loading capacity Shear: 17.3kn

Resistance to fire: Class A1

Durability (against corrosion): 40N Concrete

Durability against freeze thaw: Not to be left exposed

Dangerous Substances: NPD

The performance of the product identified above is in conformity with the declared performance, and has been tested as per Attestation of Conformity System +3 by Certified Notified Body namely **BRE Global Watford U.K. Reference Number: P103918-1000 dated 28-June-2016**

The declaration of performance is issued under the sole responsibility of the manufacturer.

Name and Function : David Lynch

Quality / Production Manager

GRANAGH CONCRETE PRODUCTS LTD

THIS LOAD TABLE SHOULD ONLY BE USED FOR GUIDELINE PURPOSES

All dimensions are in feet and inches

4"x3" Prestressed Concrete Lintel

Lintel Width	Lintel Depth	Maximum Opening	Minimum Bearing Each Side	Lintel Length	Failure Load / Flexural Resistance (kN)
4"	3"	3'	6"	4'	19.5
4"	3"	3'6"	6"	4'6"	17.3
4"	3"	4'	6"	5'	15.6
4"	3"	4'6"	6"	5'6"	14.1
4"	3"	5'	6"	6'	12.9
4"	3"	5'9"	9"	6'6"	12.0
4"	3"	6'3"	9"	7'	11.1
4"	3"	6'9"	9"	7'6"	10.3
4"	3"	7'3"	9"	8'	8.3
4"	3"	7'9"	9"	8'6"	8.0
4"	3"	8'	12"	9'	7.4
4"	3"	8'6"	12"	9'6"	6.9
4"	3"	9'	12"	10'	6.6
4"	3"	9'6"	12"	10'6"	6.3
4"	3"	10'	12"	11'	6.0
4"	3"	10'6"	12"	11'6"	5.7
4"	3"	11'	12"	12'	5.5