



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 150 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: 20.4kn

Loading capacity Shear: 24.8kn

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

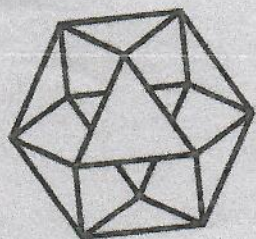
GRANAGH CONCRETE PRODUCTS LTD

THIS LOAD TABLE SHOULD ONLY BE USED FOR GUIDLINE PURPOSES

All dimensions are in feet and inches.

4"x6" Prestressed Concrete Lintel

| Lintel Width | Lintel Depth | Maximum Opening | Minimum Bearing Each Side | Lintel Length | Failure Load / Flexural Resistance (kN) |
|--------------|--------------|-----------------|---------------------------|---------------|---|
| 4" | 6" | 3' | 6" | 4' | 40.9 |
| 4" | 6" | 3'6" | 6" | 4'6" | 36.4 |
| 4" | 6" | 4' | 6" | 5' | 32.7 |
| 4" | 6" | 4'6" | 6" | 5'6" | 29.7 |
| 4" | 6" | 5' | 6" | 6' | 27.2 |
| 4" | 6" | 5'9" | 9" | 6'6" | 25.1 |
| 4" | 6" | 6'3" | 9" | 7' | 23.3 |
| 4" | 6" | 6'9" | 9" | 7'6" | 21.8 |
| 4" | 6" | 7'3" | 9" | 8' | 20.4 |
| 4" | 6" | 7'9" | 9" | 8'6" | 19.2 |
| 4" | 6" | 8' | 12" | 9' | 18.1 |
| 4" | 6" | 8'6" | 12" | 9'6" | 17.2 |
| 4" | 6" | 9' | 12" | 10' | 16.3 |
| 4" | 6" | 9'6" | 12" | 10'6" | 15.6 |
| 4" | 6" | 10' | 12" | 11' | 14.8 |
| 4" | 6" | 10'6" | 12" | 11'6" | 14.2 |
| 4" | 6" | 11' | 12" | 12' | 13.6 |
| 4" | 6" | 12' | 12" | 13' | 12.5 |



NSAI

CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

0050 - CPR – 0236

System 2+

In compliance with the Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC, it has been stated that the construction product:

Aggregate Concrete Masonry Units in accordance with Annex ZA of the following:

| | |
|-----------------------------------|--|
| I.S. EN 771-3:2011+A1:2015 | Specification for masonry units – Part 3: Aggregate concrete masonry units (dense and lightweight aggregates) |
|-----------------------------------|--|

Placed on the market by:

**Granagh Concrete Products Ltd
Granagh
Killmallock
Co. Limerick**

And produced in the factory:

**Granagh Concrete Products Ltd
Granagh
Killmallock
Co. Limerick**

is submitted by the manufacturer to the initial type-testing of the product and its factory production control and that the approved body – National Standards Authority of Ireland – has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of factory production control described in Annex ZA of the standards listed above were applied.

This certificate was first issued on 04/07/2014 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Signed:



Seán Balfe – Director of Sustainability & the Built Environment

File no: 1.116.056

Approval Date: 04/07/2014

Last amended Date: 27/06/2022

Expiry Date: 03/07/2023

Issued By : NSAI, 1 Swift Square, Northwood Business Park, Santry, Dublin 9.