



# NSAI

## CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

**0050 - CPR - 0176**

**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:**

<b>I.S. EN 771-3:2011+A1:2015</b>	<b>Specification for masonry units – Part 3: Aggregate concrete masonry units (dense and lightweight aggregates)</b>
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Placed on the market by:

**Roadstone Ltd**  
**Huntstown**  
**Finglas**  
**Dublin 11 D11 A337**

And produced in the factory:

**Roadstone Ltd**  
**Huntstown**  
**Finglas**  
**Dublin 11 D11 A337**

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 06/12/2013 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.

**File no:** 1.116.018  
**Approval Date:** 06/12/2013  
**Last amended Date:** 01/09/2022  
**Expiry Date:** 31/10/2023

**Signed:**

Seán Balfé – Director of Sustainability & the Built Environment



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# DECLARATION OF PERFORMANCE

Category 1 Aggregate Concrete Masonry Unit – Hallmark

**1. Unique identification code of the product type:**

Code	Description	Strength (N/mm <sup>2</sup> )	Length (mm)	Width (mm)	Height (mm)
HM1	Hallmark Masonry	13	215	100	65
HM2	Hallmark Masonry	13	290	100	65
HM7	Hallmark Masonry	13	140	100	140
HM8	Hallmark Masonry	13	140	100	140
HM9	Hallmark Masonry	13	140	100	140
HM10	Hallmark Masonry	13	215	100	215
HM11	Hallmark Masonry	13	440	100	215

**2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:**

Production details can be traced via dispatch docket.

**3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:**

I.S. EN 771-3 2011 Aggregate Concrete Masonry Units (Dense and Lightweight) intended for use as common, facing or exposed masonry in load bearing or non-load bearing building and civil engineering applications in accordance with Irish building Regulations, TGD in particular parts A,B,C,D,E & L, Eurocode 6 and SR 325.

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):**

Roadstone Ltd.  
 Fortunestown  
 Dublin 24

5. Not Applicable

**6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:**

System 2+

**7. Notified certification body:**

NSAI (identification No. 050) performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of conformity of the factory production control.

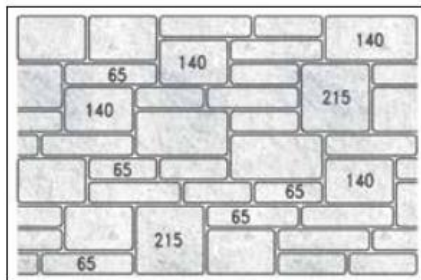
Location	FPC Cert No.
Huntstown	0050-CPR-176

## 8. Declared Performance

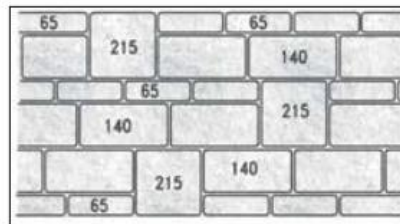
Characteristic	Declared Performance	Technical Specification
Dimensional Tolerance	D1 (+3mm, -3mm) Split face $\pm 10$ mm (textured)	I.S. EN 772-16
Configuration	Category 1 to EN 1996-1-1 Group 1 See diagram(s) below	EN 1996-1-1
Gross Density (Direct Airborne Sound Insulation)	$> 1900 \text{ kg/m}^3$	I.S. EN 772-13
Net Density (Direct Airborne Sound Insulation)	N/A	I.S. EN 772-13
Compressive Strength (Mean)	As shown in Table above, in vertical orientation	I.S. EN 772-1 (7.3.5)
Thermal Conductivity	1.19 W/mK ( $\lambda_{10, \text{dry}}$ )	I.S. EN 1745 Annex A
Durability against freeze/thaw	F1	Tested in accordance with DD/CEN/TS 772:22 2006 Refer to TGD C, D & SR 325
Water Absorption	NPD	N/A
Moisture Movement	$< 0.6 \text{ mm/m}$	I.S. EN 772-14
Water Vapour Permeability	$5/15 \mu$	I.S. EN 1745 Annex A
Reaction To Fire	Class A1	Based on Commission Decision 200/605 EC amending 96/603 EC (Refer to I.S. EN 1996-1-2 National Annex Table NA. 3.1/3.2 & 3.3 for fire ratings of wall constructed with Class A1 Units)
Shear Bond Strength	$0,15 \text{ N/mm}^2$ (Tabulated)	I.S. EN 998-2
Dangerous Substances	NPD	N/A

### Normal Configuration (Vertical)

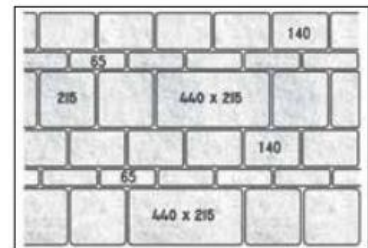
Random Bond



Random brought to course



Coursed Bond



Because of the range of sizes, Hallmark Walling can be laid to suit local traditional building styles, using a 'Random', 'Coursed' or 'Random brought to Course' bond.

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of Roadstone Ltd.

#### Signed for and on behalf of the manufacturer by:

Alan Lowe, Senior Technical Manager, Roadstone Ltd.  
(Name and Function)

Belgard, 28/02/2020  
(Place and Date of Issue)

*Alan Lowe*  
(Signature)