



# NSAI

NSAI, 1 Swift Square, Northwood, Dublin 9, Ireland, D09 A0E4

## Certificate of conformity of the factory production control, 0050 - CPR - 0138

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

### Specification for masonry units – Part 3: Aggregate concrete masonry units (dense and lightweight aggregates)

Placed on the market under the name of:

**Roadstone Ltd**  
**Goig, Castleconnell, Co. Limerick**

and produced in the manufacturing plant:

**Roadstone Ltd**  
**Goig, Castleconnell, Co. Limerick**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

**I.S. EN 771-3:2011+A1:2015**

under system 2+ are applied and that

**the factory production control is assessed to be in conformity with the applicable requirements**

This certificate was first issued on 18 July 2013 and remains valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.

File Number: 1.116.034  
Approval Date: 18 July 2013  
Last Amended Date: 19 September 2024  
Expiry Date: 31 October 2025

Signed:

Mr. Kevin D. Mullaney  
Director of Certification, NSAI



All valid NSAI certifications are listed on NSAI's website – [www.nsa.ie](http://www.nsa.ie). The continued validity of this certificate may be verified under "Certified Company Search"



# DECLARATION OF PERFORMANCE

## Category 1 Aggregate Concrete Masonry Unit – Keltstone

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

Code		Description	Strength (N/mm <sup>2</sup> )	Length (mm)	Width (mm)	Height (mm)
2820600/2	A	Keltstone – Limestone / Sandstone	23	168	90	78
2820600/2	B	Keltstone – Limestone / Sandstone	23	204	90	78
2820600/2	C	Keltstone – Limestone / Sandstone	23	276	90	78
2820600/2	D	Keltstone – Limestone / Sandstone	23	240	90	78
2820600/2	E	Keltstone – Limestone / Sandstone	23	312	90	78
2820600/2	F	Keltstone – Limestone / Sandstone	23	348	90	78
2820600/2	G	Keltstone – Limestone / Sandstone	23	384	90	78
2820600/2	H	Keltstone – Limestone / Sandstone	23	168	90	168
2820600/2	I	Keltstone – Limestone / Sandstone	23	204	90	168
2820600/2	K	Keltstone – Limestone / Sandstone	23	240	90	168
2820600/2	L	Keltstone – Limestone / Sandstone	23	276	90	168
2820600/2	M	Keltstone – Limestone / Sandstone	23	312	90	168
2820600/2	N	Keltstone – Limestone / Sandstone	23	348	90	168
2820600/2	O	Keltstone – Limestone / Sandstone	23	384	90	168
2820600/2	P	Keltstone – Limestone / Sandstone	23	420	90	168

**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:**

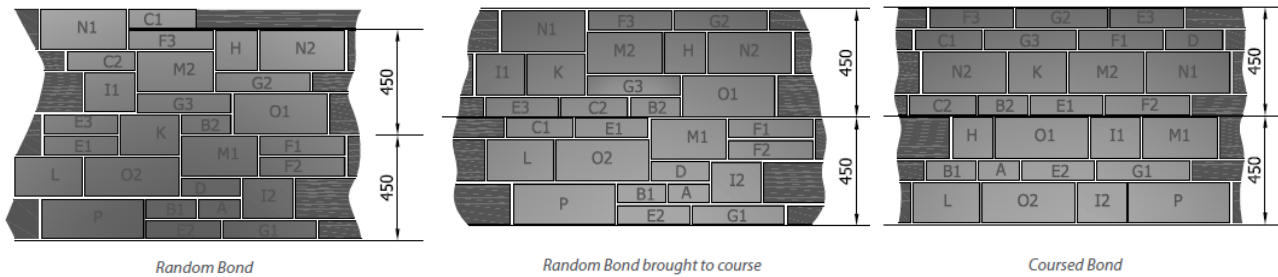
NSAI (identification No. 050) performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of conformity of the factory production control.

Location	FPC Cert No.
Gooig	0050-CPR-138

## 8. Declared Performance

Characteristic	Declared Performance	Technical Specification
Dimensional Tolerance	D1 (+1mm, -5mm)	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)	>2000kg/m <sup>3</sup>	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 (λ10,dry)	I.S. EN 1745 Annex A
Durability against freeze/thaw	F2 – Suitable for use in sever exposure	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 mm/m	I.S. EN 772-14
Water Vapour Permeability	5/15μ	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	0,15N/mm <sup>2</sup> (Tabulated)	I.S. EN 998-2
Dangerous Substances	NPD	N/A

### Normal Configuration (Vertical)



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, 28/2/2020  
(Place and Date of Issue)

  
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 (Signature)