



# NSAI

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

## Certificate of conformity of the factory production control, 0050 - CPR - 0745

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):

### Aggregates for concrete

Placed on the market under the name of:

**Roadstone Ltd  
Ryan Bros (Ennis), Ennis, Co. Clare**

and produced in the manufacturing plant:

**Roadstone Ltd  
Ryan Bros (Ennis), Ennis, Co. Clare**

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 12620:2002+A1:2008

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 22 January 2018 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.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: 1.129.094  
Approval Date: 22 January 2018  
Last Amended Date: 27 May 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.nsai.ie](http://www.nsai.ie). The continued validity of this certificate may be verified under "Certified Company Search"



# DECLARATION OF PERFORMANCE

## Aggregates for use in Concrete and Concrete Masonry Units

### Ryans

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

Code	Description	Category
1571002	20/31.5mm	G <sub>C</sub> 85/20
1571003	10/20mm	G <sub>C</sub> 85/20
1571005	6.3/14mm	G <sub>C</sub> 85/20
1571007	4/10mm	G <sub>C</sub> 85/20
1571008	2/6.3mm	G <sub>C</sub> 85/20
1570002	0/4mm (CP)	G <sub>A</sub> 85/G <sub>TC</sub> 20 – G <sub>F</sub> 85

**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 12620: Aggregates for Concrete  
S.R16: 2016 Guidance on the use of EN 12620

**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. 0050) 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.



## 8. Declared Performance

Characteristic	Declared Performance	Harmonised Technical Specification
Apparent Density	2.73Mg/m3	I.S. EN 1097
S.S. Dry Density	2.71Mg/m3	I.S. EN 1097
Oven Dry Density	2.70Mg/m3	I.S. EN 1097
Fines Content (Coarse agg)	F4	I.S. EN 933
Fines Content (Fine agg)	F16	I.S. EN 933
Flakiness Index (NA 2/6.3mm&0/4mm)	FI <sub>15</sub>	I.S. EN 933-3
Methylene Blue Value	MB <sub>1</sub>	I.S. EN 933-9
Water Absorption	0.5%	I.S. EN 1097
Percentage crushed and broken	C <sub>100/0</sub>	I.S. EN 933-5
Resistance to fragmentation	LA <sub>25</sub>	I.S. EN 1097-2
Resistance to Abrasion	AAV <sub>10</sub>	I.S. EN 1097-8 Annex A
Resistance to Wear	M <sub>DE25</sub>	I.S. EN 1097-1
Resistance to freezing and thawing	MS <sub>18</sub>	I.S. EN 1367-2
Drying Shrinkage %	0.022	I.S. EN 1367-4
Total Sulfur	S <sub>1</sub>	I.S. EN 1744-1
Durability against Alkali-Silica reactivity	Non-reactive	
Sulphate Content (Acid Soluble)	AS <sub>0.2</sub>	I.S. EN 1744-1
Chloride Content (Water Soluble)	0.001%	I.S. EN 1744-1
Rock Type	Limestone	

9. The performance of the product identified in points 1 and 2 conforms 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, Technical Director, Roadstone Ltd.

(Name and Function)

Belgard, 02/01/2025

(Place and Date of Issue)



(Signature)



0050

**Roadstone Ltd.  
Fortunestown  
Dublin 24  
Certification Body NSAI 0050  
RL DoP-C-RYNS-01**

**I.S. EN 12620:  
Aggregates for Concrete**

<b>Characteristic</b>	<b>Declared Performance</b>
Apparent Density	2.73Mg/m <sup>3</sup>
S.S. Dry Density	2.71Mg/m <sup>3</sup>
Oven Dry Density	2.70Mg/m <sup>3</sup>
Fines Content (Coarse agg)	F4
Fines Content (Fine agg)	F16
Flakiness Index (NA 2/6.3mm&0/4mm)	FI <sub>15</sub>
Methylene Blue Value	MB <sub>1</sub>
Water Absorption	0.5%
Percentage crushed and broken	C <sub>100/0</sub>
Resistance to fragmentation	LA <sub>25</sub>
Resistance to Abrasion	AAV <sub>10</sub>
Resistance to Wear	M <sub>DE25</sub>
Resistance to freezing and thawing	MS <sub>18</sub>
Drying Shrinkage %	0.022
Total Sulfur	S <sub>1</sub>
Durability against Alkali-Silica reactivity	Non-reactive
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