



# NSAI

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

## Certificate of conformity of the factory production control, 0050 - CPR - 1085

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 unbound and hydraulically bound materials for use in civil engineering work and road construction**

Placed on the market under the name of:

**Roadstone Ltd  
Carrigtwohill, Co. Cork**

and produced in the manufacturing plant:

**Roadstone Ltd  
Carrigtwohill, Co. Cork**

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 13242:2002 + A1 2007**

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 1 March 2021 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.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: 1.122.261  
Approval Date: 1 March 2021  
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.nsai.ie](http://www.nsai.ie). The continued validity of this certificate may be verified under "Certified Company Search"



# DECLARATION OF PERFORMANCE

## Aggregates for Unbound and Hydraulically Bound Materials

### Carrigtwohill

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

Code	Description	Fines Category
1152112	T0 STRUC - 0/125mm	f <sub>9</sub>
1152017	T1 STRUC - 0/31.5mm	f <sub>7</sub>
1152111	T2 PERM - 4/40mm	N/R
1570040	T3 BLIND - 0/4mm	N/R

**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 13242: Aggregates for Unbound and hydraulically bound materials.

S.R. 21, 2014+A1:2016 Aggregates for Unbound and Hydraulically bound materials

**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
Water Absorption	0.2%	I.S. EN 1097
Percentage crushed and broken	C <sub>100/0</sub>	I.S. EN 933-5
Flakiness Index	Fl <sub>35</sub>	I.S. EN 933-3
Resistance to fragmentation	LA <sub>25</sub>	I.S. EN 1097-2
Resistance to freezing and thawing	MS <sub>18</sub>	I.S. EN 1367-2
Sulphate Content (Acid Soluble)	AS <sub>0.2</sub>	I.S. EN 1744-1
Total Sulfur	S <sub>1</sub>	I.S. EN 1744-1
Methylene blue value	MB <sub>1</sub>	I.S. EN 933-9
Mudrock Content	<10%	
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  
13  
Certification Body NSAI 0050  
RL DoP-AE-CMTW-01

S.R. 21, 2014+A1:2016  
Aggregates for Unbound and Hydraulically bound materials

Characteristic	Declared Performance
Water Absorption	0.2%
Percentage crushed and broken	C <sub>100/0</sub>
Flakiness Index	FI <sub>35</sub>
Resistance to fragmentation	LA <sub>25</sub>
Resistance to freezing and thawing	MS <sub>18</sub>
Sulphate Content (Acid Soluble)	AS <sub>0.2</sub>
Total Sulfur	S <sub>1</sub>
Methylene blue value	MB <sub>1</sub>
Mudrock Content	<10%
Rock Type	Limestone

# DECLARATION OF PERFORMANCE

## Aggregates for use in Hydraulically bound and Unbound Materials

### Carrigtwohill

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

Code	Description	Grading Curve
1152004	0/31.5mm (UGM A)	GA
1152008	0/31.5mm (UGM Ac)*	GA

**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 13242: Aggregates for Unbound and hydraulically bound materials.

S.R. 21, 2014+A1:2016 Aggregates for Unbound and Hydraulically bound materials

\*TII Publication: CC-SPW-00800

**4. Name, registered trade name or registered trademark 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
Percentage crushed and broken	C <sub>100/0</sub>	I.S. EN 933-5
Resistance to fragmentation	LA <sub>30</sub>	I.S. EN 1097-2
Resistance to freezing and thawing	MS <sub>18</sub>	I.S. EN 1367-1
Water Absorption	0.5%	I.S. EN 1097-6
Sulphate Content (Acid Soluble)	AS <sub>0,2</sub>	I.S. EN 1744-1
Total Sulfur	S <sub>1</sub>	I.S. EN 1744-1
Methylene blue value	MB <sub>1</sub>	I.S. EN 933-9
Water Soluble Sulphate SO <sub>4</sub> (mg/l)	≤1500*	I.S. EN 1744-1
Shape Index	FI <sub>35</sub>	I.S EN 933-4
Oversize	OC <sub>80</sub>	IS EN 933-1
Fines Content	f <sub>7</sub>	IS EN 933-1
Reclaimed Aggregate Content	Rc <sub>0</sub>	IS EN 13242
Liquid Limit	≤20	
Mudrock Content	<10%	
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  
13  
Certification Body NSAI  
RL DoP-SF-CTWH-01

I.S. EN 13242:  
Aggregates for Unbound and hydraulically bound materials

### Declared Performance

Characteristic	Declared Performance
Percentage crushed and broken	C <sub>100/0</sub>
Resistance to fragmentation	LA <sub>30</sub>
Resistance to freezing and thawing	MS <sub>18</sub>
Water Absorption	0.5%
Sulphate Content (Acid Soluble)	AS <sub>0,2</sub>
Total Sulfur	S <sub>1</sub>
Methylene blue value	MB <sub>1</sub>
Water Soluble Sulphate SO <sub>4</sub> (mg/l)	≤1500*
Shape Index	FI <sub>35</sub>
Oversize	OC <sub>80</sub>
Fines Content	f <sub>7</sub>
Reclaimed Aggregate Content	Rc <sub>0</sub>
Liquid Limit	≤20
Mudrock Content	<10%
Rock Type	Limestone