



NSAI

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

Certificate of conformity of the factory production control, 0050 - CPR - 0645

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
Toonagh Quarries, Ennis, Co. Clare**

and produced in the manufacturing plant:

**Roadstone Ltd
Toonagh Quarries, 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 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 20 April 2015 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.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: 1.122.085
Approval Date: 20 April 2015
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. The continued validity of this certificate may be verified under "Certified Company Search"



DECLARATION OF PERFORMANCE

Aggregates for Unbound and Hydraulically Bound Materials

Ryans

1. Unique identification code of the product type:

| Code | Description | Fines Category |
|---------|---------------------|----------------|
| 1152112 | T0 STRUC - 0/125mm | f ₉ |
| 1152017 | T1 STRUC - 0/31.5mm | f ₇ |
| 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 | 0.9% | I.S. EN 1097 |
| Percentage crushed and broken | C _{100/0} | I.S. EN 933-5 |
| Flakiness Index | Fl ₃₅ | I.S. EN 933-3 |
| Resistance to fragmentation | LA ₃₀ | I.S. EN 1097-2 |
| Resistance to freezing and thawing | MS ₁₈ | I.S. EN 1367-2 |
| Sulphate Content (Acid Soluble) | AS _{0.2} | I.S. EN 1744-1 |
| Total Sulfur | S ₁ | I.S. EN 1744-1 |
| Methylene blue value | MB ₁ | 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-RY-01

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

| Characteristic | Declared Performance |
|------------------------------------|----------------------|
| Water Absorption | 0.9% |
| Percentage crushed and broken | C _{100/0} |
| Flakiness Index | FI ₃₅ |
| Resistance to fragmentation | LA ₃₀ |
| Resistance to freezing and thawing | MS ₁₈ |
| Sulphate Content (Acid Soluble) | AS _{0.2} |
| Total Sulfur | S ₁ |
| Methylene blue value | MB ₁ |
| Mudrock Content | <10% |
| Rock Type | Limestone |

DECLARATION OF PERFORMANCE

Aggregates for use in Hydraulically bound and Unbound Materials

Ryans

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 _{100/0} | I.S. EN 933-5 |
| Resistance to fragmentation | LA ₃₀ | I.S. EN 1097-2 |
| Resistance to freezing and thawing | MS ₁₈ | I.S. EN 1367-1 |
| Water Absorption | 0.5% | I.S. EN 1097-6 |
| Sulphate Content (Acid Soluble) | AS _{0,2} | I.S. EN 1744-1 |
| Total Sulfur | S ₁ | I.S. EN 1744-1 |
| Methylene blue value | MB ₁ | I.S. EN 933-9 |
| Water Soluble Sulphate SO ₄ (mg/l) | ≤1500* | I.S. EN 1744-1 |
| Shape Index | FI ₃₅ | I.S EN 933-4 |
| Oversize | OC ₈₀ | IS EN 933-1 |
| Fines Content | f ₇ | IS EN 933-1 |
| Reclaimed Aggregate Content | R _{C0} | 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-RYNS-01

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

Declared Performance

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