



NSAI

CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

0050 - CPR - 1026

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:

Aggregates in accordance with Annex ZA of the following:

I.S. EN 12620:2002 + A1:2008	<i>Aggregates for concrete</i>
---	---------------------------------------

Placed on the market by:

**Roadstone Ltd
Kilmuckridge
Co. Wexford Y25 RW92**

And produced in the factory:

**Roadstone Ltd
Kilmuckridge
Co. Wexford Y25 RW92**

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 24/06/2020 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: 1.129.180
Approval Date: 24/06/2020
Last amended Date: 24/06/2020
Expiry Date: 31/10/2021

Signed:

Seán Balfe – Director of Sustainability & the
Built Environment

Issued By : NSAI, 1 Swift Square, Northwood Business Park, Santry, Dublin 9.

DECLARATION OF PERFORMANCE

Aggregates for use in Concrete and Concrete Masonry Units

Kilmuckridge

1. Unique identification code of the product type:

Code	Description	Category
1460002	0/4mm Medium Sand	G _f 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: 2013: 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. 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.

8. Declared Performance

Characteristic	Declared Performance	Harmonised Technical Specification
Apparent Density	2.62Mg/m ³	I.S. EN 1097
S.S. Dry Density	2.58Mg/m ³	I.S. EN 1097
Oven Dry Density	2.56Mg/m ³	I.S. EN 1097
Fines Content (Fine agg)	F16	I.S. EN 933
Methylene Blue Value	MB _r 10	I.S. EN 933-9
Shell Content	SC ₀	
Water Absorption	.8%	I.S. EN 1097
Percentage crushed and broken	N/A	I.S. EN 933-5
Resistance to fragmentation	LA ₂₅	I.S. EN 1097-2
Resistance to Wear	N/A	I.S. EN 1097-1
Resistance to freezing and thawing	N/A	I.S. EN 1367-2
Drying Shrinkage	0.026%	I.S. EN 1367-4
Durability against Alkali-Silica reactivity	Non -reactive	
Chloride Content (Water Soluble)	0.001%	I.S. EN 1744-1
Sulphate Content (Acid Soluble)	AS <.2%	I.S. EN 1744-1
Total Sulphur	TS < 1%	I.S. EN 1744-1
Flakiness Index	N/A	IS. EN 933
Rock Type	Sandstone	

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, 6/01/2020
(Place and Date of Issue)



(Signature)

Roadstone Ltd.

Fortunestown
Tallaght
Dublin 24
Tel: (+353 1) 404 1200
Fax: (+353 1) 404 1321
Email: info@roadstone.ie
Web: www.roadstone.ie



Material Safety Data Sheet – Natural Aggregates: Crushed Rock Sand and Gravel Aggregates

<p>1.(a) Identification of Product Natural Aggregates: Crushed Rock, Sand and Gravel Aggregates</p> <p>(b) Name of Company: Roadstone Dublin Ltd. Fortunestown, Dublin 24.</p> <p>Telephone: (01) 4041200</p> <p>2. Composition of Ingredients</p> <p>Natural aggregates are produced from naturally occurring rock, sand and gravel deposits, and consist of combinations of various minerals, including quartz.</p> <p>3. Hazard Identification</p> <p>(a) Crushing, drilling, cutting or breaking of natural aggregates can create dust, if inhaled in excessive quantities over extended periods. Respirable dust can constitute a long-term hazard.</p> <p>(b) Crushing, drilling cutting or breaking of natural aggregates, unless adequately controlled, can project particles at high velocity, with consequent risk of impact damage and/or injury, particularly to exposed areas of the body and eyes.</p> <p>(c) Lifting and manual handling of large size rock can cause injury, and should be handled accordingly.</p> <div data-bbox="683 1554 778 1653" style="text-align: center;"></div> <p>4. First Aid Measures</p> <p>First Aid Treatment is as follows:</p> <p>4.1 Eye Contact</p> <p>Immediately rinse under running water and seek medical advice.</p>	<p>4.2 Cuts/Abrasions</p> <p>Cuts/abrasions from natural aggregates should be cleaned and treated, using the normal first-aid method. Wounds must receive prompt medical attention.</p> <p>In all doubtful cases, medical advice must be obtained.</p> <p>5. Fire Fighting Measures</p> <p>Not applicable.</p> <p>6. Accidental Release Measures</p> <p>6.1 Avoid contact with skin.</p> <p>6.2 Take up product using appropriate equipment.</p> <p>7. Handling & Storage</p> <p>7.1 Avoid contact with eyes and skin.</p> <p>7.2 Before lifting always size up the load. Always follow safe lifting and manual handling procedures.</p> <p>7.3 The preferred method of handling is by mechanical means. Where storage of material is necessary in public areas or areas accessed by the public, adequate notices, signs and markings should be used.</p> <p>8. Exposure Controls/Personal Protection</p> <p>8.1 Hand Protection</p> <p>Wear suitable protective gloves.</p> <p>8.2 Skin Protection</p> <p>Avoid contact with skin.</p>
---	--

DISCLAIMER

This Material Safety Data Sheet has been prepared by the Irish Concrete Federation in consultation with its members and with technical assistance from the Industry's Safety Committee. Every care has been taken to ensure that the information contained herein is correct and accurate at the date of publication. However, the Irish Concrete Federation Ltd. cannot accept any responsibility or liability for any errors, inaccuracies or omissions which may have occurred inadvertently.

<p>8.3 <u>Eye Protection</u></p> <p>Wear goggles to prevent eye contact with flying particles, when crushing, drilling, cutting or breaking natural aggregates.</p> <p>8.4 <u>Masks</u></p> <p>Wear appropriate respiratory protection when crushing, drilling, cutting or breaking natural aggregates.</p> <p>8.5 <u>Footwear</u></p> <p>Wear footwear with protective toecaps when working with natural aggregates.</p> <p>9. <u>Physical & Chemical Properties</u></p> <p>Natural aggregates are abrasive.</p> <p>10. <u>Stability & Reactivity</u></p> <p>Not applicable.</p> <p>11. <u>Toxicological Information</u></p> <p>No risks on observance of safety instructions at 6, 7 and 8 above.</p> <p>12. <u>Ecological Information</u></p> <p>Natural aggregates have no ecological effects.</p> <p>13. <u>Disposal Considerations</u></p> <p>Natural aggregates may be recycled or placed in approved licensed landfill site.</p>	<p>14. <u>Transport Information</u></p> <p>Ensure security and safety of load at all times.</p> <p>15. <u>Regulatory Information</u></p> <p>Not applicable.</p> <p>16. <u>Other Information</u></p> <p>None.</p> <p>Issued January 2006</p>
---	--

DISCLAIMER

This Material Safety Data Sheet has been prepared by the Irish Concrete Federation in consultation with its members and with technical assistance from the Industry's Safety Committee. Every care has been taken to ensure that the information contained herein is correct and accurate at the date of publication. However, the Irish Concrete Federation Ltd. cannot accept any responsibility or liability for any errors, inaccuracies or omissions which may have occurred inadvertently.