



# NSAI

## CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

**0050 - CPR - 0453**

**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:**

<b>EN 13242:2002 + A1 2007</b>	<b><i>Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction</i></b>
------------------------------------	--

Placed on the market by:

**Keohane Readymix Ltd  
Dromkeen  
Innishannon  
Co. Cork**

Produced in the factory:

**Keohane Readymix Ltd  
Ardagh  
Rosscarbery  
Co. Cork**

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 24/01/2016 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.

Signed:



Seán Balfe – Director of Sustainability & the Built Environment

File no: 1.122.111

Approval Date: 24/01/2016

Last amended Date: 11/05/2022

Expiry Date: 23/01/2023

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

Keohane Readymix Ltd  
 Dromkeen  
 Innishannon  
 Co. Cork  
 Tel: 021 477 5599



## Material Safety Data Sheet: Aggregates for Concrete

<p>1.(a) Identification of Product:          Natural Aggregates: Crushed Rock, Sand and Gravel Aggregate</p> <p>1.(b) Name of Company:          Keohane Readymix Ltd. Dromkeen, Innishannon, Co. Cork          Phone: 021 477 5599</p> <p>2. Composition:          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:          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. 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. Lifting and manual handling of large size rock can cause injury, and should be handled accordingly.</p> <p>4. First Aid Measures:          First Aid Treatment is as follows:          4.1 Eye Contact (Dust or other particles): Immediately rinse under clean running water and seek medical advice.          4.2 Cuts/Abrasions: Clean and treat cuts/abrasions using normal First-Aid methods. Wounds must receive prompt medical attention.          In all cases of doubt or where symptoms persist medical advice must be obtained.</p> <p>5. Fire Fighting Measures:          Not applicable.</p> <p>6. Accidental Release Measures:          6.1 Avoid contact with eyes and skin          6.2 Tidy up debris created by accidental release</p>	<p>7. Handling &amp; Storage:</p> <p>7.1 Avoid contact with eyes and skin.          7.2 Always follow safe lifting and manual handling procedures.          7.3 The preferred method of handling is by mechanical means          7.4 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 &amp; Personal Protection</p> <p>8.1 Wear suitable protective gloves, overalls, safety helmets and safety footwear with protective toe-caps in all situations.          8.2 Wear suitable goggles to prevent eye contact from dust and flying particles when cutting, drilling, hammering or otherwise treating concrete blocks.          8.3 Wear suitable respiratory protection (such as dust masks) when cutting, drilling, hammering or breaking aggregates.          8.4 Wear footwear with protective toes-caps when working with natural aggregates</p> <p>9. Physical &amp; Chemical Properties:          Natural aggregates are abrasive.</p> <p>10. Stability &amp; Reactivity: Not applicable          11. Toxicological Information: Not applicable.          12. Ecological Information: Natural aggregates have no ecological effects.          13. Disposal Considerations: Natural aggregates may be recycled or placed in approved licensed landfill sites.          14. Transport Information: Ensure security and safety of load at all times.          15. Regulatory Information: Not applicable.          16. Other Information: None</p>
---	---



## Declaration of Performance

### Aggregates for use in Hydraulically bound and Unbound Materials

1. Unique identification code of the product type:

<b>Code</b>	<b>Description</b>	<b><u>Fines Content</u></b>
	T0 Struc 0/125mm	F9
	T1 Struc 0/31.5mm	F7
	T2 Perm 4/40mm	NR
	T3 Blind 0/4mm	NR

Table 1.

2. Intended Use: 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.

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 use in Hydraulically bound and Unbound Materials.

S.R21: 2014 +A1: 2016 Guidance on the use of EN 13242

3. Name, registered trade name or registered trademark and contact address of the manufacturer as required under Article 11(5):

Keohane Readymix Ltd.,

Rosscarbery,

Co. Cork.

4. Authorised Representative: Not Applicable

5. System of AVCP: System 2+

6. Harmonised Standard EN 13242

7. Notified certification body: NSAI 0050

8. Declared Performance

Characteristic	Performance	Technical Specification
Water Absorption	0.5%	I.S. EN 1097
Percentage crushed and broken	C90/3	I.S. EN 933-5
Resistance to fragmentation	LA30	I.S. EN 1097-2
Resistance to freezing and thawing	MS 18	I.S. EN 1367-2
Sulphate Content (Acid Soluble)	AS <0.1%	I.S. EN 1744-1
Total Sulphur	TS <0.1%	I.S. EN 1744-1
Mudrock Content	<10%	I.S. EN 933-3
Rock Type	Major – Metasandstone	S.R. 21: Annex E

The performance of the product identified in above is in conformity with the declared performances. This declaration of performance is issued in accordance with Regulation (EU) NO. 305/2011, under the sole responsibility of Keohane Readymix

Signed for and on behalf of the manufacturer by: Keohane Readymix Ltd.

At: Rosscarbery, Co. Cork

Date:

Signature:



# Declaration of Performance

## Aggregates for use in Hydraulically bound and Unbound Materials

1. Unique identification code of the product type:

<b>Code</b>	<b>Description</b>	<b><u>Oversize Category / Overall Grading</u></b>
	0-31.5mm (CI 804)	OC 80 G <sub>A</sub>
	0-31.5mm (CI 806)	OC 85 G <sub>O</sub>
	0-31.5mm (CI 808)	OC 80 G <sub>A</sub>
	0-31.5mm (CI 809)	OC 80 G <sub>A</sub>

Table 1.

2. Intended Use: 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.

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 use in Hydraulically bound and Unbound Materials.

S.R21: 2014 +A1: 2016 Guidance on the use of EN 13242

3. Name, registered trade name or registered trademark and contact address of the manufacturer as required under Article 11(5):

Keohane Readymix Ltd.,

Rosscarbery,

Co. Cork.

4. Authorised Representative: Not Applicable

5. System of AVCP: System 2+

6. Harmonised Standard EN 13242

7. Notified certification body: NSAI 0050

8. Declared Performance

Characteristic	Performance	Technical Specification
Water Absorption	0.5%	I.S. EN 1097
Percentage crushed and broken	C90/3	I.S. EN 933-5
Resistance to fragmentation	LA30	I.S. EN 1097-2
Resistance to freezing and thawing	MS 18	I.S. EN 1367-2
Sulphate Content (Acid Soluble)	AS <0.1%	I.S. EN 1744-1
Total Sulphur	TS <0.1%	I.S. EN 1744-1
Methylene Blue Value	MBF10	I.S. EN 933-9

Liquid Limit	<21	
Mudrock Content	<10%	I.S. EN 933-3
Rock Type	Major – Metasandstone	S.R. 21: Annex E

The performance of the product identified in above is in conformity with the declared performances. This declaration of performance is issued in accordance with Regulation (EU) NO. 305/2011, under the sole responsibility of Keohane Readymix

Signed for and on behalf of the manufacturer by: Keohane Readymix Ltd.

At: Rosscarbery, Co. Cork

Date:

Signature: