



Declaration of Performance

Aggregates for Concrete - Innishannon, Co Cork

1. Unique product identification code:

Code	Description	Category
IS 20mm	10/20mm	Gc80/20
IS 10mm	4/10mm	Gc80/20
IS Sand	0/4mm (CP)	G _F 85

2. Type, batch or serial number allowing identification of the construction product:

Production details are traceable via the dispatch docket.

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification:

For use in concrete and concrete products.

I.S. EN 12620 Aggregates for Concrete.

S.R. 16 Guidance on the use of I.S. EN 12620

4. Manufacturer:

Keohane Readymix Ltd.
Dromkeen
Innishannon
Co. Cork.

5. System of AVCP:

System 2+

6. Notified certification body:

NSAI (identification No. 0050)

7. Declared Performance:

Characteristic	Harmonised Standard	Declared Performance
Particle Shape	I.S. EN 933-3	Fl ₃₅
Fines Content (Coarse)	I.S. EN 933-1	f _{1.5}
Fines Content (Fine)	I.S. EN 933-1	f ₃
Fines Quality	I.S. EN 933-9	MB _{0.3}
Relative Density (SSD) Coarse	I.S. EN 1097-6	2.57 Mg/m ³
Relative Density (SSD) Fine	I.S. EN 1097-6	2.42 Mg/m ³
Water Absorption (4-31.5mm)	I.S. EN 1097-6	WA ₂₄ 0.5
Water Absorption (0-4mm)	I.S. EN 1097-6	WA ₂₄ 0.4
Resistance to Fragmentation	I.S. EN 1097-2	LA ₂₅
Resistance to Wear	I.S. EN 1097-1	M _{DE} 25
Resistance to Polishing	I.S. EN 1097-8	PSV ₅₈
Resistance to Abrasion	I.S. EN 1097-8	AAV _{3.6}
Resistance to Freeze Thaw	I.S. EN 1367-2	MS ₁₈
Drying Shrinkage	I.S. EN 1367-4	0.033%
Calcium Carbonate Content	I.S. EN 196-2	5.7%
Acid Soluble Sulphate	I.S. EN 1744-1	AS _{0.2}
Water Soluble Sulphate	I.S. EN 1744-1	<0.001%
Total Sulphur	I.S. EN 1744-1	S _{0.1}
Durability against ASR	Non reactive	
Material	I.S. EN 932-3	Sandstone

The performance of this product conforms with the declared performance above. This declaration of performance is issued under the sole responsibility of Keohane Readymix Ltd

Signed for and on behalf of Keohane Readymix Ltd



Quality Manager

Date: 02/03/2025



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Keohane Readymix Group
Innishannon, Co Cork

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KR.IS-001

I.S. EN 12620: Aggregates for Concrete

Particle Shape	Category	Fl₃₅
Density	Declared Value	2.57 Mg/m³
Cleanliness		
Fines	Category	(Coarse) f_{1.5} (Fine) f₃
Fines Quality	Declared Value	MB_{0.3}
Resistance to Fragmentation	Category	LA₂₅
Resistance to Wear	Category	M_{DE}25
Water Absorption	Declared Value	WA₂₄0.5
Resistance to Polishing	Declared Value	PSV₅₈
Resistance to Abrasion	Declared Value	AAV_{3.6}
Acid Soluble Sulphate	Category	AS_{0.2}
Water Soluble Sulphate	Declared Value	<0.001%
Total Sulfur	Declared Value	S_{0.1}
Calcium Carbonate Content	Declared Value	5.7%
Freeze Thaw Durability	Category	MS₁₈