



## DECLARATION OF PERFORMANCE

**The undersigned, representing Michael Cronin Readymix Ltd.  
Confirm that**

*Aggregates for use in Bituminous Materials, Concrete, Hydraulically bound and unbound materials produced at Michael Cronin Readymix Ltd Keim Quarry, Keim, Millstreet, Cork.*

Code	Description	Category	Shape
4/10	10mm high PSV chip	Gc85/20	FI20
8/14	14mm high PSV chip	Gc85/15	FI15
10/20	20mm high PSV chip	Gc85/20	FI25
Annex E	Annex E – To, T1, T2, T3	Gc85/20	
Dust	0/6mm all in dust		
Fine Dust	0/3mm all in dust		
6/10	10mm chip	Gc85/20	
14/20	20mm chip	Gc85/20	
6mm	3/6mm crushed chip	Gc85/20	
CI804	CI 804 material	Ga80	FI35
CL803	Granular material type A	G <sub>b</sub> 80	
CL805	Granular material type C	Ga80	
CL806	Granular material type D	G <sub>o</sub> 85	
CL807	Granular material type E	G <sub>b</sub> 80	
CI808	Unbound material placed adjacent to cement bound materials	Ga80	FI35

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

IS EN 12620 & SR 16 Aggregates for Concrete

I.S. EN 13242 & S.R. 21 Aggregates for Unbound and Hydraulically bound materials.

IS EN 13043 & SR 17 Aggregates for Bituminous Mixtures and Surface Treatments for Roads

System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: System 2+

Name and identification number of the notified body, NSAI has performed initial inspection of the manufacturing plant *and the continuous surveillance, assessment and evaluated under system: 2+* and issued the certificate of conformity

Declared Performance

Declared performance Characteristic	Declared Performance	Harmonised technical specification
Apparent Density	2.63Mg/m3	I.S. EN 1097
S.S. Dry Density	2.62Mg/m3	I.S. EN 1097
Oven Dry Density	2.60Mg/m3	I.S. EN 1097
Methylene Blue Value	MB <sub>i</sub> 10	I.S. EN 933-9
Water Absorption	<1.0%	I.S. EN 1097
Resistance to fragmentation	LA 20	I.S. EN 1097-2
Resistance to freezing and thawing	MS8	I.S. EN 1367-2
Chloride Content (Water Soluble)	<0.1%	I.S. EN 1744-1
Sulphate Content (Acid Soluble)	<0.1%	I.S. EN 1744-1
Total Sulfur	<0.1%	I.S. EN 1744-1
Affinity of coarse aggregate to binders (B)	65% AFTER 24 HOURS	prEN 12697-11
Resistance to Polishing Wear/Attrition (B, C)	PSV <sub>Declared</sub> 61	I.S. EN 1097-8
Resistance to Abrasion (B, C)	4.0 AAV	I.S. EN 1097-8 Annex A
Resistance to Wear (B, U)	M <sub>DE</sub> 11	I.S. EN 1097-1

The performance of the product identified above is in conformity with the declared performance. The declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Flor Rice Operation Manager  
(name and function)

03.08.18 Killarney, Kerry  
(place and date of issue)

(signature)