

Declaration of Performance

DOP/RO/103166

4/12 (12.5mm)

Rossmore Quarry, Rossmore, Co Cork

1. Unique Identification code of the product - type: Code: 103166 - 4/12 (12.5mm)

2. Intended use/es: Preparation of concrete for use in buildings, roads and other civil engineering works.

3. Manufacturer: Kilsaran Concrete, Piercetown, Dunboyne Co. Meath

4. Authorised Representative: N/A

5. System of AVCP: System 2+

6a. Harmonised Standard: I.S. EN 12620:2002+A1:2008

Notified Body: NSAI (0050-CPR-0601)

7. Declared Performance/s:

Characteristic	Declared Performance	Harmonised Technical Specification
Particle Size	Designation 4/12.5 G _C 85/20	EN 933-1
Particle shape	Category FI ₃₀	EN 933-3
Particle density	Declared Value 2.7 Mg/m ³	EN 1097-6
Aggregate Type / Description	Limestone	EN 932-3
Fines content	Category f ₄	EN 933-1
Shell Content	Category NPD	EN 933-7
Resistance to fragmentation/crushing	Category LA ₃₀	EN 1097-2
Resistance to wear	Category M _{de 25}	EN 1097-1
Resistance to Polishing	Category NPD	EN 1097-8
Resistance to Abrasion	Category NPD	EN 1097-8
Resistance to abrasion from studded tyres	Category NPD	EN 1097-9
Constituents of coarse recycled aggregates	Category NPD	EN 933-11
Chlorides	Declared Value C (%) <0.001	EN 1744-1
Acid soluble sulfate	Declared Value AS _{0.047}	EN 1744-1
Total sulphur	Declared Value S _{0.022}	EN 1744-1
Water soluble sulfates of recycled aggregates	Category NPD	EN 1744-1
Constituents which alter the rate of setting and hardening of concrete	Threshold Value NPD	EN 1744-1
Influence of recycled aggregates on initial setting time of cement	Category NPD	EN 1744-1
Carbonate Content	Declared Value NPD	EN 196-2
Volume Stability - Drying Shrinkage	Threshold Value Pass <0.075%	EN 1367-4
Constituents which affect the volume stability of air-cooled blastfurnace slag	Threshold Value NPD	EN 1744-1
Water absorption	Declared Value WA ₂₄ 0.5	EN 1097-6
Emission of Radioactivity	Declared Value NPD	EN 12620
Release of heavy metals	Threshold Value NPD	EN 12620
Release of polyaromatic carbons	Threshold Value NPD	EN 12620
Release of other dangerous substances	Declared Value NPD	EN 12620
Durability against freeze/thaw	Category MS ₁₈	EN 1367-2
Durability against alkali-silica reactivity	Declared Value NPD	I.S. EN 12620:2002+A1:2008

8. N/A

<http://www.kilsaran.ie/build/technical-downloads/>

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

Signed for and on behalf of the manufacturer by:

Stephen Greene at Piercetown, Dunboyne, Co Meath on 13.1.23





0050

Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
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0050-CPR-0601

I.S. EN 12620:2002+A1:2008
Aggregates for Concrete

4/12 (12.5mm)

Rossmore Quarry, Rossmore, Co Cork
RO/103166

Particle size	Designation	4/12.5	G _c 85/20
Particle shape	Category		FI ₃₀
Particle density	Declared Value		2.7 Mg/m ³
Aggregate Type / Description			Limestone
Cleanliness			
Fines content	Category		F ₄
Shell Content	Category		NPD
Resistance to fragmentation/crushing	Category		LA ₃₀
Resistance to wear	Category		M _{de 25}
Resistance to Polishing	Category		NPD
Resistance to Abrasion	Category		NPD
Resistance to abrasion from studded tyres	Category		NPD
Composition/Content			
Constituents of coarse recycled aggregates	Category		NPD
Chlorides	Declared Value		C (%) <0.001
Acid soluble sulfate	Category		AS _{0.2}
Total sulphur	Category		S ₁
Water soluble sulfates of recycled aggregates	Category		NPD
Constituents which alter the rate of setting and hardening of concrete	Threshold Value		NPD
Influence of recycled aggregates on initial setting time of cement	Category		NPD
Carbonate Content	Declared Value		NPD
Volume Stability			
Drying Shrinkage	Threshold Value		Pass <0.075%
Constituents which affect the volume stability of air-cooled blastfurnace slag	Threshold Value		NPD
Water absorption	Declared Value		WA ₂₄ 0.5
Emmission of Radioactivity	Declared Value		NPD
Release of heavy metals	Threshold Value		NPD
Release of polyaromatic carbons	Threshold Value		NPD
Release of other dangerous substances	Declared Value		NPD
Durability against freeze/thaw	Category		MS ₁₈
Durability against alkali-silica reactivity	Declared Value		NPD