

Declaration of Performance

DOP/RA/79183

0/31.5 (S.R. 21 ANNEX E - T1 STRUC)

Enfield Quarry, Rathcore, Enfield, Co Meath

- 1. Unique Identification code of the product - type:** Code 79183 - 0/31.5 (S.R. 21 ANNEX E - T1 STRUC)
- 2. Intended use/es:** Hydraulically bound and unbound materials for use in civil engineering and road construction. Including unbound granular fill (Hardcore) for use under concrete floors and footpaths.
- 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 13242:2002+A1:2007 / S.R. 21:2014+A1:2016 **Notified Body:** NSAI (0050-CPR-0498)
- 7. Declared performance/s:**

Characteristic	Declared Performance		Harmonised Technical Specification
Particle size	Designation	0/31.5	EN 933-1
Particle shape	Category	NPD	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 ₇	EN 933-1
Percentage of crushed particles	Category	C _{100/0}	EN 933-5
Resistance to fragmentation/crushing	Category	LA ₃₀	EN 1097-2
Water absorption/suction	Declared Value	WA ₂₄ 0.7	EN 1097-6
Acid soluble sulfate	Declared Value	AS _{0.04}	EN 1744-1
Total sulphur	Declared Value	S _{0.01}	EN 1744-1
Durability against freeze/thaw	Category	MS ₁₈	EN 1367-2
Resistance to wear	Category	NPD	EN 1097-1
Fines quality	Category	NPD	EN 933-9
Volume stability	Category	NPD	EN 1744-1
Classification of coarse recycled aggregates	Category	NPD	EN 933-11
Water soluble sulfates of recycled aggregates	Category	NPD	EN 1744-1
Constituents which alter the rate of setting and hardening of hydraulically bound mixtures	Category	NPD	EN 1744-1
Release of heavy metals by leaching	Declared Value	NPD	EN 13242
Release of other dangerous substances	Declared Value	NPD	EN 13242

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:

Thomas Little at Piercetown, Dunboyne, Co Meath on 24/05/2017





0050

Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
16
0050-CPR-0498

I.S. EN 13242:2002+A1:2007

Aggregates for hydraulically bound and unbound material for civil engineering and road construction

0/31.5 (S.R. 21 ANNEX E - T1 STRUC)

Enfield Quarry, Rathcore, Enfield, Co Meath

RA/79183

Particle size	Designation	0/31.5
Aggregate Type / Description	Limestone	
Particle shape	Category	NPD
Particle density	Declared Value	2.7 Mg/M ³
Cleanliness		
Fines content	Category	f ₇
Fines quality	Category	NPD
Percentage of crushed particles	Category	C _{100/0}
Resistance to fragmentation/crushing	Category	LA ₃₀
Volume stability	Category	NPD
Water absorption/suction	Category	WA ₂₄ 2
Composition/content		
Classification of coarse recycled aggregates	Category	NPD
Water soluble sulfates of recycled aggregates	Category	NPD
Acid soluble sulfate	Category	AS _{0.2}
Total sulphur	Category	S ₁
Constituents which alter the rate of setting and hardening of hydraulically bound mixtures	Category	NPD
Resistance to wear	Category	NPD
Dangerous substances		
Release of heavy metals by leaching	Declared Value	NPD
Release of other dangerous substances	Declared Value	NPD
Durability against freeze/thaw	Category	MS ₁₈