

DECLARATION OF PERFORMANCE

DOP/CS/031.5T1



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

Cranford Stone, Devlinmore, Cranford, Co. Donegal

1. Unique Identification Codes for the product types 0/31.5 (S.R. 21 ANNEX E - T1 STRUC)
2. Intended use: 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: Cranford Stone, Devlinmore, Cranford, Co. Donegal
4. Authorised Representative: Not Applicable
5. System of AVCP: 2+
- 6a. Harmonised Standard: I.S. EN 13242:2002+A1:2007 / S.R. 21:2014+A1:2016
- Notified certification body: National Standards Authority Ireland
7. Declared Performance

Characteristic	Declared Performance	Harmonised Technical Specification
Particle Size	0/31.5	EN 933-1
Particle Shape	NPD	EN 933-3
Particle Density	2.6 Mg/m ³	EN 1097-6
Aggregate Type / Description	Quartzite	EN 932-3
Fines Content	f _{1.5}	EN 933-1
Percentage of Crushed Particles	C _{90/3}	EN 933-5
Resistance to Fragmentation	LA ₃₀	EN 1097-2
Water Absorption	WA ₂₄ 1	EN 1097-6
Acid soluble sulphates	AS _{0.4}	EN 1744-1
Total Sulfur	S _{0.1}	EN 1744-1
Durability against freeze/thaw	MS ₁	EN 1367-2
Resistance to Wear	NPD	EN 1097-1
Fines Quality	NPD	EN 933-9
Volume Stability – Drying Shrinkage	NPD	EN 1744-1
Classification of coarse recycled aggs	NPD	EN 933-11
Water Soluble Sulfates of recycled aggs	NPD	EN 1744-1
Constituents which alter the rate of setting and hardening of hydraulically bound mixtures	NPD	EN 1744-1
Release of heavy metals	NPD	EN 13242
Release of other dangerous substances	NPD	EN 13242

8. N/A

The performance of the product identified above is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of Cranford Stone.

Signed for and on behalf of Cranford Stone, by Managing Director, Martin McGee

Name: Martin McGee Managing Director on this date 17/5/22



0050

CRANFORD STONE
DEVLINMORE, CRANFORD, CO. DONEGAL
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0050 - CPR - 1013

I.S. EN 13242:2002+A1:2007 / S.R. 21:2014+A1:2016

Aggregates for hydraulically bound and unbound materials for use in civil engineering and road construction.

0/31.5 T1 STRUC
CS/031.5T1

Particle Size	Designation	0/31.5
Aggregate Type / Description		Quartzite
Particle Shape	Category	NPD
Particle Density	Declared Value	2.6 Mg/m ³
Cleanliness		
Fines Content	Category	f1.5
Fines Quality	Category	NPD
Percentage of crushed particles	Category	C _{90/3}
Resistance to Fragmentation	Category	LA ₂₅
Volume Stability	Category	NPD
Water Absorption	Category	WA ₂₄ 0.6
Composition/Content		
Classification of coarse recycled aggs	Category	NPD
Water Soluble Sulfates of recycled aggs	Category	NPD
Acid soluble sulphates	Category	AS _{0.4}
Total Sulfur	Category	S _{0.1}
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	Declared Value	NPD
Release of other dangerous substances	Declared Value	NPD
Durability against freeze/thaw	Category	MS ₂₄