



McSweeney Bros Quarries Ltd

Ballinacarriga, Dunmanway, Co Cork

Depot: Mid Cork Quarry, Kilmichael, Macroom, Co Cork

Declaration of Performance

1. Unique identification/description code of the product-type: Blasted and Crushed Sandstone aggregate **Product Code: S038**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to article 11(4): **SR 21 Annex E -T3 BLIND**
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **SR 21 :2014+A1:2016 Annex E UNBOUND GRANULAR FILL (HARDCORE) FOR USE UNDER CONCRETE FLOOR AND FOOTPATHS**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): **McSweeney Bros Quarries Ltd, Ballinacarriga, Dunmanway, Co Cork**
5. Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): **See section 3**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 2+**
7. Name of notified body: **National Standards Authority of Ireland**
Identification number: 0050-CPR-0564
8. Declared performance

Characteristic	Performance	Test Method	Harmonised Standard
Particle size	0/4 mm	EN 933-1	EN 13242 Aggregate for unbound and hydraulically bound material
Grading	G _{F80}	EN 933-1	
Fines content	F _{NR}	EN 933-1	
Particle shape	Fl _{NR}	EN 933-3	
Percentage of crushed particle	C _{90/3}	EN 933-5	
Durability			
-Water absorption	WA ₂₄₂	EN 1097-6	
-Magnesium sulfate soundness	MS ₂₅	EN 1367-2	
Apparent particle density	2.70 Mg/m ³	EN 1097	
Resistance to fragmentation	LA ₃₀	EN 1097-2	
Total Sulfur	<0.1%	EN 1744-1	
Acid Soluble Sulphate	AS _{0.2}	EN 1744-1	
Water Soluble sulfate	<0.01%	EN 1744-1	
Geological Description	Mudrock Content less than 10%	EN 932-3 and E2.3	



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This declaration of performance relates only to: xxx (tons) of SR 21 Annex E – T1 Struc (product) Supplied to xxxx for use at the following location xxxx dates from xxxx.

The performance of the product identified above is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Bobby Navarro

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QC Manager

McSweeney Bros Quarries Ltd

Ballinacarriga, Dunmanway, Co Cork



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SR 21 Annex E

Unbound Granular Fill (Hardcore) for use under Concrete Floor and Footpaths

Particle size	Designation	0/4, G _r 80, T3 Blind
Fines Content	Category	NR
Particle density	Declared Value	2.7 Mg/m ³
Durability against freezing and Thawing		
Water absorption	Category	WA ₂₄ 2
Magnesium Sulfate Soundness	Category	MS ₂₅
Percentage of crushed particle	Category	C _{90/3}
Resistance to fragmentation	Category	LA ₃₀
Acid Soluble Sulfate	Category	AS _{0.2}
Total Sulfur	Category	S _{<0.1%}
Geological Description	Category	Mudrock content less than 10%