McSweeney Bros Quarries Ltd
Ballinacarriga, Dunmanway, Co Cork
Depot: Mid Cork Quarry, Kilmichael, Macroom, Co Cork

Type Test Report

Product Description: 2 Inch Decorative Stone

Product Code: S019

Intended use: Decorative stone for driveways, garden, footpath

Characteristic	Test Method	Category/Declared Value
See DOP document	See DOP document	See DOP document

Grading Limits		
Sieve size, mm	Specification	Typical % passing
60	No Requirement	100
50	No Requirement	100
40	No Requirement	-
20	No Requirement	25
10	No Requirement	-
0.063	No Requirement	5
Flakiness Index	No Requirement	NPD

Signed for and on behalf of the manufacturer by:

Bobby Navarro
.....
QC Manager
McSweeney Bros Quarries Ltd
Ballinacarriga, Dunmanway, Co Cork
Jan 2024

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Ballinacarriga, Dunmanway, Co Cork
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Declaration of Performance

1. Unique identification/description code of the product-type: Blasted and Crushed Sandstone aggregate - **Product Code: S019**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to article 11(4): **2 Inch Decorative Stone**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **Decorative stone, Garden stone, Footpath**

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: **N/A**

7. Name of notified body: National Standards Authority of Ireland
   Identification number: **N/A**
8. Declared performance

Characteristic	Performance	Test Method	Harmonised Standard
Particle size Grading	2 Inch	EN 933-1	Not Applicable
Fines content	F_{NR}	EN 933-1	
Particle shape	FI_{NR}	EN 933-3	
Percentage of crushed particle	$C_{90/3}$	EN 933-5	
Resistance to Freezing and Thawing -Water absorption ($WA_{24}2$) -Soundness (MS_{25})	 $WA_{24}2$ MS_{25}	 EN 1097 EN 1367-2	
Apparent particle density	2.70 Mg/m3	EN 1097	
Resistance to fragmentation	NPD	EN 1097-2	
Resistance to abrasion	AAV_{NR}	EN 1097-8	
Total Sulfur Content	S_1	EN 1744-1	
Acid Soluble Sulphate Content	$AS_{0.2}$	EN 1744-1	
Water Soluble sulfate	<0.01%	EN 1744-1	

The performance of the product identified in point 1 and 2 is in conformity with the declared performance in point 8.

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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
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Decorative Stone
Garden Stone

Particle size	Designation	2 Inch
Particle Shape	Category	FI_{NR}
Percentage of crushed particles	Category	$C_{90/3}$
Cleanliness		
Fines Content	Category	f_4
Particle density	Declared Value	2.74 Mg/m3
Durability against freezing and Thawing		
Water absorption	Category	WA<2%
Soundness	Category	MS_{25}
Resistance to fragmentation	Category	LA_{NR}
Composition and Content		
Acid soluble sulphate	Category	$AS_{0.2}$
Total sulphur	Category	S_1