



QUARRY AND AGGREGATES - DECLARATION OF PERFORMANCE

DOP Ref: DOP/12620/KL4429-30 - 0/2mm Sandstone Sand

1. **Unique Identification code of Product type** 0/2mm Sandstone Sand
2. **Type, Batch or Serial Number or any other Element allowing identification of the Product** 04429-30(00)
3. **Intended use or uses of the product, in accordance with the applicable harmonised technical specification**
Preparation of concrete used in buildings, roads, and other civil engineering works
4. **Name and registered address of manufacturer** **Source:** Knockateggal Sandstone Quarry
Mannok Build Ltd, **Processing plant:** Derrylin
187 Ballyconnell Rd, Derrylin,
Co. Fermanagh, Northern Ireland, BT92 9GP
5. **Where applicable, name and contact address of the authorised representative whose mandate covers tasks specified in Article 12(2)**
Not Applicable
6. **System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V**
System 2+ **Notified body:** National Standards Authority of Ireland
7. **In case of the declaration of performance concerning a construction product covered by a harmonised standard EN 12620:2002 + A1:2008 and S.R.16: 2016**
8. **Declared Performance:**
The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. The declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
9. **The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. The declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.**

Characteristic	Declared Performance	Harmonised Technical Specification
Particle Size	0/2mm FP	EN 933-1
Fines Content	F3	EN 933-1
Apparent Particle Density	2.72	EN 1097-6
Particle Density Oven Dried	2.70	EN 1097-6
Particle Density SSD	2.71	EN 1097-6
Water Absorption	WA ₂₄ 1	EN 1097-6
Volume Stability/Drying Shrinkage	<0.075	EN 1367-4
Water Soluble Chlorides	<0.01	EN 1744-1
Acid Soluble Sulphate	AS _{0.2}	EN 1744-1
Total Sulphur	S ₁	EN 1744-1
Alkali Silica Reaction	Non-Reactive	
Methylene Blue Value	0.7 gMB/Kg	EN 933-9



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187 Ballyconnell Road, Derrylin,
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EN 12620:2002 + A1:2008 and S.R. 16:2016 Aggregates for Concrete
0/2mm Sandstone Sand

Aggregate	Type	Sandstone CRF
Particle Size	Designation	0/2
Grading Category	Category	G _F 85 CP
Fines Content	Category	F ₃
Particle Density Oven Dried	Declared Value Mg/m ³	2.70
Particle Density SSD	Declared Value Mg/m ³	2.71
Particle Density Apparent	Declared Value Mg/m ³	2.72
Water Absorption	Category	WA ₂₄ 1
Volume Stability/Drying Shrinkage	Threshold Value %	<0.075 PASS
Chlorides	Declared Value %	<0.01
Acid Soluble Sulfate	Category	AS _{0.2}
Total Sulfur	Category	S ₁
Alkali Silica Reaction		Non-Reactive
Methylene Blue Value	Declared Value gMB/Kg	0.7

No Performance Determined (NPD) for the following properties

Carbonate Content	NPD	Heavy metals	NPD
Rate of setting and hardening	NPD	Polyaromatic Carbons	NPD
Other Dangerous substances	NPD	Emission of radioactivity	NPD
Alkali Silica Reactivity	NPD	Fines Quality	

Liam McCaffrey CEO
15th October 2021