



QUARRY & AGGREGATES - DECLARATION OF PERFORMANCE

DOP Ref: DOP/12620/GN4230 - 10/20mm Limestone Aggregate

1. Unique Identification code of Product type: 10/20mm Limestone Aggregate
2. Type, Batch or Serial Number or any other Element allowing identification of the Product: 04230(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: Mannok Build Ltd, 187 Ballyconnell Rd, Derrylin, Co. Fermanagh, Northern Ireland, BT92 9GP Source: Doon Limestone Quarry Processing Plant: Gortmullan Crushing Plant
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.

Characteristic	Declared Performance	Harmonised Technical Specification
Particle Size	10/20mm	EN 933-1
Particle Shape	Fl ₃₀	EN 933-3
Fines Content	F ₃	EN 933-1
Resistance to Fragmentation	LA ₃₀	EN 1097-2
Apparent Particle Density	2.69	EN 1097-6
Particle Density Oven Dried	2.63	EN 1097-6
Particle Density SSD	2.65	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	
Magnesium Sulphate	MS ₁₈	EN 1367-2



0050

187 Ballyconnell Road, Derrylin,
Co. Fermanagh, Northern Ireland, BT92 9GP
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0050 - CPR - 0674

EN 12620:2002 + A1:2008 and S.R. 16:2016
Aggregates for Concrete
10/20mm Limestone Aggregate

Aggregate	Type	Limestone	
Particle Size	Designation	10/20	
Particle Shape	Category	FI ₃₀	
Fines Content	Category	F ₃	
Resistance to Fragmentation	Category	LA ₃₀	
Particle Density Oven Dried	Declared Value Mg/m ³	2.63	
Particle Density SSD	Declared Value Mg/m ³	2.65	
Particle Density Apparent	Declared Value Mg/m ³	2.69	
Water Absorption	Category	WA ₂₄ 1	
Volume Stability/Drying Shrinkage	Threshold Value %	<0.075 PASS	
Chlorides	Declared Value %	<0.01	
Acid Soluble Sulphate	Category	AS _{0.2}	
Total Sulphur	Category	S ₁	
Alkali Silica Reaction		Non-Reactive	
Magnesium Sulphate	Category	MS ₁₈	
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	Fines Quality	NPD
Alkali Silica Reactivity	NPD		

Kevin Maguire, Quality Manager
16th November 2020