

Declaration of Performance

No. 0324-AGG

1	Unique ID Code	6400
2	Type	0/31.5mm G _A 75
3	Intended Use	Aggregates for unbound and hydraulically bound materials for use in civil engineering and road construction
4	Manufacturer	Clogrennane Lime Ltd Clogrennane Carlow Ireland Tel: 00353 5991 31811 Fax: 00353 5991 31607 Email: office@clogrennane.ie
5	System	2 ⁺
6	Notified Body	NSAI
7	ID No.	0050
8	Performed	Initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment, and evaluation of factory production control
9	Issued	30/09/2015
	NRA Designation	6F2 Selected Granular Fill
	Typical Use	Capping

Essential Characteristics	Performance	Harmonised Technical Specification
Particle shape	FI _{NR}	I.S. EN13242:2002+A1:2007
Particle size	0/31.5 G _A 75 G _T A10	
Particle Density	2.71 Mg/m ³	
Cleanliness		
Fines content	<i>f</i> ₃	
Fines quality	NDP	
Percentage of crushed particles	NDP	
Resistance to fragmentation	LA ₄₀	
Volume stability	NDP	
Water Absorption	WA ₂₄ 1	
Resistance to attrition	NDP	
Water soluble sulfate	SS _{0.2}	
Acid soluble sulfate	AS _{0.2}	
Total Sulphur	S ₁	
Loose Bulk Density	1.48 Mg/m ³	
Compacted Bulk Density	1.77 Mg/m ³	
Magnesium Sulfate Value (MS)	MS ₁₈	
Durability against weathering	NDP	
Durability against freeze/thaw	NDP	
Water Soluble Chloride	0.0052%	

Typical Analysis and 6F2 Specification

Essential Characteristics	Performance / Typical analysis	6F2 Selected Granular Fill	6F2 Selected Granular Fill
Particle shape	Fl _{NR}		
Particle size	0/31.5 G _{A75}		
Sieve mm	GT _{A10}		
		<i>Max</i>	<i>Min</i>
125	100		
100	100		100
75	100	100	65
37.5	100	100	45
10	47	80	15
5	31	70	10
0.6	11	30	0
0.063	6	10	0
Particle Density	2.71 Mg/m ³		
Cleanliness			
Fines content	f_3		
Fines quality	NDP		
Percentage of crushed particles	NDP		
Resistance to fragmentation	34		50
Volume stability	NDP		
Water Absorption	WA ₂₄ 1		
Resistance to attrition	NDP		
Water soluble sulfate	SS _{0.2}		
Acid soluble sulfate	AS _{0.2}		
Total Sulphur	0.1		1
Loose Bulk Density	1.48 Mg/m ³		
Compacted Bulk Density	1.77 Mg/m ³		
Magnesium Sulfate Value (MS)	MS ₁₈		
Durability against weathering	NDP		
Durability against freeze/thaw	NDP		
Water Soluble Chloride	0.0052%		
Moisture content			Optimum mc

Spec as per: ERRATUM No. 1 (June 2013) to NRA Specification for Road Works Series 600 - Earthworks Dated March 2013

This declaration of performance is issued under the sole responsibility of the manufacturer identified in Point 4 above

Signed for and on behalf of the manufacturer:




Brendan Walsh

Quality Manager

1th January 2024

CE Mark

		
<p>0050</p> <p>Clogrennane Lime Ltd. Clogrennane, Carlow.</p> <p>14</p> <p>0050 - CPR - 0422</p>		
<p>EN 13242:2002+A1:2007</p> <p>Aggregates for hydraulically bound and unbound materials for civil engineering work and road construction</p>		
<p>Particle shape</p> <p>Particle size</p> <p>Particle Density</p> <p>Cleanliness</p> <p>Fines content</p> <p>Fines quality</p> <p>Percentage of crushed particles</p> <p>Resistance to fragmentation</p> <p>Volume stability</p> <p>Water Absorption</p> <p>Resistance to attrition</p> <p>Water soluble sulfate</p> <p>Acid soluble sulfate</p> <p>Total Sulphur</p> <p>Loose Bulk Density</p> <p>Compacted Bulk Density</p> <p>Magnesium Sulfate Value (MS)</p> <p>Durability against weathering</p> <p>Durability against freeze/thaw</p> <p>Water Soluble Chloride</p>	<p>No requirement</p> <p>Designation</p> <p>Declared value</p> <p>Category</p> <p>No declared performance</p> <p>Category</p> <p>Declared value</p> <p>Category</p> <p>Category</p> <p>Category</p> <p>Declared value</p> <p>Declared value</p> <p>Category</p> <p>Declared value</p> <p>Declared value</p> <p>Category</p> <p>Declared value</p>	<p>FI NR</p> <p>0/31.5 GA75, GTA10</p> <p>2.71 Mg/m³</p> <p>f₃</p> <p>NDP</p> <p>NDP</p> <p>LA 40</p> <p>NDP</p> <p>WA24 1</p> <p>NDP</p> <p>SS0.2</p> <p>AS0.2</p> <p>S1</p> <p>1.48 Mg/m³</p> <p>1.77 Mg/m³</p> <p>MS18</p> <p>NDP</p> <p>NDP</p> <p>0.0052%</p>