



UKCA Marking and Declaration of Performance

Tudor Griffiths Group, Wood Lane, Ellesmere, Shropshire, SY12 OHY

Certificate Number 12620 – CPD – TG008

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Cefn Graianog Quarry, Llanllyfni, Penygroes, Gwynedd, LL54 6SY

4/20mm GC 90/15 Graded aggregate


BS EN12620

Aggregate for Concrete

<b>Particle shape</b>	Declared value	NPD
<b>Particle size</b>	Designation	0/4
<b>Particle density</b>	Declared value (Apparent)	2.63 (mg/m <sup>3</sup> )
<b>Cleanliness</b>		
Fines quality	Pass/fail threshold value and category	NPD
Shell content	Category	NPD
<b>Resistance to polishing</b>	Category	NPD
<b>Resistance to fragmentation/crushing</b>	Category	LA <sub>20</sub>
<b>Resistance to abrasion</b>	Category	AAV <sub>10</sub>
<b>Resistance to wear</b>	Category	NPD
<b>Composition/content</b>		
Chlorides	Declared value	<0.001 (% C)
Acid soluble sulfates	Category	AS <sub>0.1</sub>
Total Sulfur	Category	S <sub>0.1</sub>
Carbonate Content	Declared value	3.56 %
<b>Drying Shrinkage</b>	Declared value	0.046 %
<b>Water absorption</b>	Declared value	1.8 (% WA)
<b>Emission of radioactivity</b>	Declared values as requested	NPD
<b>Release of heavy metals</b> <b>Release of polyaromatic carbons</b>	Threshold values valid in the place of use	NPD
<b>Release of other dangerous substances</b>	e.g. substance X: 0.2µm <sup>3</sup>	NPD
<b>Durability against freeze-thaw</b>	Category	MS <sub>18</sub>
<b>Durability against alkali-silica reactivity</b>	Declared value as requested	NPD

**Declaration of Performance**

Tudor Griffiths Group confirms that the aggregate referred to in this UKCA certificate complies with the requirement of BS EN 12620 including Annex ZA attestation of conformity system 4.

<b>Authorised by:</b> 	<b>Date of Issue of Certificate:</b> <b>01/01/2024</b>	<b>Date Valid to:</b> <b>31/12/2024</b>
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