UKCA Marking and Declaration of Performance

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

Certificate Number 12620 – CPD – TG022

25

Wood Lane Quarry, Ellesmere, Shropshire, SY12 OHY

4/10mm GC 85/20 Graded blended coarse aggregate (60/40)
BS EN12620
Aggregate for Concrete

Particle shape	Declared value	NPD
Particle size	Designation	4/20
Particle density	Declared value (Apparent)	2.73 (mg/m^3)
Bulk density Loose	Declared value	1.42 Mg/m3
Bulk density compacted	Declared value	1.58 Mg/m3
Cleanliness		
Fines quality	Pass/fail threshold value and category	NPD
Shell content	Category	NPD
Resistance to polishing	Category	NPD
Resistance to fragmentation/crushing	Category	LA_{25}
Resistance to abrasion	Category	NPD
Resistance to wear	Category	NPD
Composition/content		
Chlorides	Declared value	<0.001 (% C)
Water soluble sulfates (SO^4)	Declared value	<0.01
Acid soluble sulfates	Category	$AS_{0.1}$
Total Sulfur	Category	$S_{0.1}$
Carbonate Content	Declared value	10.73 %
Carbon Dioxide (CO^2)	Declared value	4.72 %
Lightweight contaminators	Declared value	<0.1 %
Drying Shrinkage	Declared value	0.055 %
Water absorption	Declared value	1.5 (% WA)
Emission of radioactivity	Declared values as requested	NPD
Release of heavy metals **Release of polyaromatic carbons**	Threshold values valid in the place of use	NPD
Release of other dangerous substances	e.g. substance X: 0.2µm^3	NPD
Durability against freeze-thaw	Category	MS_{18}
Durability against alkali-silica reactivity	Declared value as requested	NPD

Declaration of Performance
Tudor Griffiths Limited 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.

Authorised by:	**Date of Issue of Certificate:**	**Date Valid to:**
Huw Thomas	**01/07/2025**	**30/06/2026**