

Aggregate Express
Quarry Products LTD
Forest Wood Quarry
Pontyclun CF 72 9XD

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BS EN 12620
Aggregate for Concrete

Particle shape		F135
Particle size		4/20 Gc 90/15
Particle density	Saturated Surface Dry	2.77 Mg/m ³
	Oven Dry	2.74 Mg/m ³
	Apparent	2.81 Mg/m ³
Cleanliness		
Fines Content		F3
Shell Content		NPD
Resistance to fragmentation/crushing		LA40
Resistance to polishing		NPD
Resistance to abrasion		AAV 6.7
Resistance to wear		MDE 8
Composition/content		
Chlorides		<0.001% C
Acid soluble sulfates		AS0.2
Total sulfur		<.1%
Carbonate content		60.5%
Volume Stability		
Drying shrinkage		NPD
		1.0% WA
Water absorption		MSWA 24 1.0%
Emission of radioactivity		NPD
Release of heavy metals		NPD
Release of polyaromatic carbons		NPD
Release of other dangerous substances		NPD
Durability against freeze-thaw		MSS 18
Durability against alkali-silica reactivity		NPD

DECLARATION OF PERFORMANCE

- 1 Unique identification code of the product-type:
Aggregate for Concrete
4/20 Gc 90/15

- 2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
4/20 Gc 90/15

- 3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Aggregate for Concrete

- 4 Name, registered trade name or registered trademark and contact address of the manufacturer as required.
Aggregates Express Quarry Products Ltd
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- 5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): As below

- 6 System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:
System 4

- 7 In case of the declaration of performance concerning a construction product covered by a harmonised standard:
BS EN 12620

- 8 Declared performance
Please see table on following page:

Essential Characteristics	Performance	Harmonised Technical Specification
Particle shape, size and density: Aggregate size and grading Shape of coarse aggregate Particle density (Mg/m ³) SSD OD APP Water absorption (%)	4/20 Gc 90/15 FI35 2.77 Mg/m³ 2.74 Mg/m³ 2.81 Mg/m³ 1.0% WA	BS EN 12620
Cleanliness: Shell content of coarse aggregate Fines	NPD F3	
Resistance to fragmentation/crushing: Resistance to fragmentation of coarse aggregate	LA40	
Resistance to polishing/abrasion/wear: Resistance to wear of coarse aggregate Resistance to polishing Resistance to surface abrasion Resistance to abrasion from studded tyres	MDE 8 NPD AAV 6.7 NPD	
Composition/content: Constituents of coarse recycled aggregate Chlorides Acid soluble sulfates Total sulfur	NR <0.001% C AS0.8 <1%	
Volume stability: Volume stability - drying shrinkage	NPD	
Dangerous substances: Emission of radioactivity Release of heavy metals Release of polyaromatic carbons Release of other dangerous substances	NPD NPD NPD NPD	
Durability against freeze-thaw: Freeze/thaw resistance of coarse aggregate	MSS 18	
Durability against alkali-silica reactivity: Alkali-silica reactivity	Low	

Ben Trotman
Quarry Manager
Aggregates Express Quarry Products Ltd