

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

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**BS EN 13043
Aggregate for Asphalt**

Particle shape		FI35
Particle size		10/20 Gc 85/20
Particle density	Saturated Surface Dry	2.77 Mg/m³
	Oven Dry	2.74 Mg/m³
	Apparent	2.81 Mg/m³
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 Asphalt
10/20 Gc 85/20**

- 2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
10/20 Gc 85/20

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

- 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 13043

- 8 Declared performance
Please see table on following page:

Essential Characteristics	Performance	Harmonised Technical Specification
Particle shape, size and density:		BS EN 13043
Aggregate size and grading	10/20 Gc 85/20	
Shape of coarse aggregate	FI35	
Particle density (Mg/m ³)	SSD 2.77 Mg/m³	
	OD 2.74 Mg/m³	
	APP 2.81 Mg/m³	
Water absorption (%)	1.0% WA	
Cleanliness:		
Shell content of coarse aggregate	NPD	
Fines	F3	
Resistance to fragmentation/crushing:		
Resistance to fragmentation of coarse aggregate	LA40	
Resistance to polishing/abrasion/wear:		
Resistance to wear of coarse aggregate	MDE 8	
Resistance to polishing	NPD	
Resistance to surface abrasion	AAV 6.7	
Resistance to abrasion from studded tyres	NPD	
Composition/content:		
Constituents of coarse recycled aggregate	NR	
Chlorides	<0.001% C	
Acid soluble sulfates	AS0.8	
Total sulfur	Pass, <1%	
	NR	
Volume stability:		
Volume stability - drying shrinkage	NPD	
Dangerous substances:		
Emission of radioactivity	NPD	
Release of heavy metals	NPD	
Release of polyaromatic carbons	NPD	
Release of other dangerous substances	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