



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

22

BS EN 12620  
 Aggregate for Concrete

<b>Particle shape</b>		NR
<b>Particle size</b>		0/4 Gf 85
<b>Particle density</b>	Saturated Surface Dry	2.58 Mg/m <sup>3</sup>
	Oven Dry	2.56 Mg/m <sup>3</sup>
	Apparent	2.62 Mg/m <sup>3</sup>
<b>Cleanliness</b>		
Fines Content		F16
Shell Content		NPD
<b>Resistance to fragmentation/crushing</b>		NR
<b>Resistance to polishing</b>		NR
<b>Resistance to abrasion</b>		NR
<b>Resistance to wear</b>		NR
<b>Composition/content</b>		
Chlorides		<0.001% C
Acid soluble sulfates		AS0.2
Total sulfur		<.1%
Carbonate content		
<b>Volume Stability</b>		
Drying shrinkage		0.032 %
		1.0% WA
<b>Water absorption</b>		MSWA 24 1.0%
<b>Emission of radioactivity</b>		NPD
<b>Release of heavy metals</b>		NPD
<b>Release of polyaromatic carbons</b>		NPD
<b>Release of other dangerous substances</b>		NPD
<b>Durability against freeze-thaw</b>		NR
<b>Durability against alkali-silica reactivity</b>		Low



## DECLARATION OF PERFORMANCE

- 1 Unique identification code of the product-type:  
**Aggregate for Concrete**  
**0/4 Gf 85**
  
- 2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):  
**0/4 Gf 85**
  
- 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**  
**Forest Wood Quarry**  
**Pontyclun**  
**CF 72 9XD**
  
- 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:**

<b>Essential Characteristics</b>	<b>Performance</b>	<b>Harmonised Technical Specification</b>
<b>Particle shape, size and density:</b> Aggregate size and grading Shape of coarse aggregate Particle density (Mg/m <sup>3</sup> ) SSD OD APP Water absorption (%)	<b>0/4 Gf 85</b> <b>NR</b> <b>2.58 Mg/m<sup>3</sup></b> <b>2.56 Mg/m<sup>3</sup></b> <b>2.62 Mg/m<sup>3</sup></b> <b>1.0% WA</b>	<b>BS EN 12620</b>
<b>Cleanliness:</b> Shell content of coarse aggregate Fines	<b>NPD</b> <b>F16</b>	
<b>Resistance to fragmentation/crushing:</b> Resistance to fragmentation of coarse aggregate	<b>NR</b>	
<b>Resistance to polishing/abrasion/wear:</b> Resistance to wear of coarse aggregate Resistance to polishing Resistance to surface abrasion Resistance to abrasion from studded tyres	<b>NR</b> <b>NR</b> <b>NR</b> <b>NR</b>	
<b>Composition/content:</b> Constituents of coarse recycled aggregate Chlorides Acid soluble sulfates Total sulfur	<b>NR</b> <b>&lt;0.001% C</b> <b>AS0.8</b> <b>&lt;1%</b>	
<b>Volume stability:</b> Volume stability - drying shrinkage	<b>NPD</b>	
<b>Dangerous substances:</b> Emission of radioactivity Release of heavy metals Release of polyaromatic carbons Release of other dangerous substances	<b>NPD</b> <b>NPD</b> <b>NPD</b> <b>NPD</b>	
<b>Durability against freeze-thaw:</b> Freeze/thaw resistance of coarse aggregate	<b>NR</b>	
<b>Durability against alkali-silica reactivity:</b> Alkali-silica reactivity	<b>Low</b>	

**Ben Trotman**  
**Quarry Manager**  
**Aggregates Express Quarry Products Ltd**