



Patersons Quarries, Gartsherrie Road, Coatbridge ML5 2EU

Dumbuckhill Quarry

17

EN 12620

Aggregates for Concrete

4/20 Graded GC90/15 Code DA20

<b>Particle Shape:</b>	Category	FL <sub>35</sub>
<b>Particle Size:</b>	Designation	4/20 G <sub>c</sub> 90/15
<b>Particle Density:</b>	Declared Value	2.63Mg/m <sub>3</sub>
<b>Cleanliness:</b>		
Fines Quality	Category	f <sub>4</sub>
Fines quality		Non Harmful
Shell content	Category	SC <sub>NR</sub>
<b>Resistance to fragmentation / crushing</b>	Category	LA <sub>30</sub>
<b>Resistance to polishing</b>	Category	NPD
<b>Resistance to abrasion</b>	Category	AAV <sub>10</sub>
<b>Resistance to wear</b>	Category	M <sub>DE</sub> 40
<b>Composition/Content</b>		
Chlorides	Declared Value	<0.01%
Acid Soluble Sulfates	Category	AS <sub>0,8</sub>
Total Sulfur	Threshold Value	1,0%
Carbonate Content	Declared Value	<0.1% CO <sub>2</sub>
Constituents that alter the rate of setting of concrete		NPD
<b>Volume Stability</b>		
Drying Shrinkage	Threshold Value	<0.075
<b>Water Absorption</b>	Declared Value	2.8%
Emission of radioactivity		NPD
Release of heavy metals		NPD
Release of polyaromatic carbons		NPD
Release of dangerous substances		NPD
<b>Durability against freeze/thaw</b>	Category	MS <sub>25</sub>
<b>Durability against Alkali/ Silica reactivity</b>	Declared value as requested.	