



Patersons Quarries, Gartsherrie Road, Coatbridge ML5 2EU

Dumbuckhill Quarry

17

EN 13242

Aggregates for unbound & Hydraulically bound materials

0/4 G<sub>F85</sub> G<sub>TC20</sub> Code

<b>Particle Shape:</b>	Category	NPD
<b>Particle Size:</b>	Designation	0/4
<b>Particle Density:</b>	Declared Value	2.62Mg/m <sub>3</sub>
<b>Cleanliness:</b>		
Fines Content	Category	f <sub>3</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	<0.01%
Total Sulfur	Pass Threshold	<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	Pass Threshold	<0.075%
<b>Water Absorption</b>	Declared Value	3.5%
<b>Emission of radioactivity</b>		NPD
<b>Release of heavy metals</b>		NPD
<b>Release of polyaromatic carbons</b>		NPD
<b>Release of dangerous substances</b>		NPD
<b>Durability against freeze/thaw</b>	Category	MS <sub>25</sub>
<b>Durability against alkali-silica reactivity</b>	Declared value as requested	