



Patersons Quarries, Gartsherrie Road, Coatbridge ML5 2EU

Dumbuckhill Quarry

17

EN 12620

Aggregates for Concrete

4/20 Graded GC90/15 Code DA20

Particle Shape:	Category	FL ₃₅
Particle Size:	Designation	4/20 G _C 90/15
Particle Density:	Declared Value	2.62Mg/m ₃
Cleanliness:		
Fines Quality	Category	f ₄
Fines quality		Non Harmful
Shell content	Category	SC _{NR}
Resistance to fragmentation / crushing	Category	LA ₃₀
Resistance to polishing	Category	NPD
Resistance to abrasion	Category	AAV ₁₀
Resistance to wear	Category	M _{DE} 40
Composition/Content		
Chlorides	Declared Value	<0.01%
Acid Soluble Sulfates	Category	AS _{0,8}
Total Sulfur	Threshold Value	1,0%
Carbonate Content	Declared Value	<0.1% CO ₂
Constituents that alter the rate of setting of concrete		NPD
Volume Stability		
Drying Shrinkage	Threshold Value	<0.075
Water Absorption	Declared Value	3.5%
Emission of radioactivity		NPD
Release of heavy metals		NPD
Release of polyaromatic carbons		NPD
Release of dangerous substances		NPD
Durability against freeze/thaw	Category	MS ₂₅
Durability against Alkali/ Silica reactivity	Declared value as requested.	