



BREEDON AGGREGATES LTD

AGGREGATE PROPERTIES DATA SHEET

BREEDON QUARRY – DOLOMITIC LIMESTONE

<u>TEST</u>	<u>RESULT</u>	<u>DATE TESTED</u>
10% Fines Value (BS 812-111)	180kN	July 2015
Aggregate Impact Value (BS 812-112)	23	July 2015
Aggregate Abrasion Value (BS EN 1097-8)	13	July 2015
Polished Stone Value (BS EN 1097-8)	47	July 2015
Aggregate Crushing Value (BS 812-110)	23%	July 2015
Magnesium Sulphate Soundness (BS EN 1367-2)	3	July 2015
Chloride Ion Content (BS EN 1744-1)	0.001%	July 2015
Water Soluble Sulfate Content (BS EN 1744-1)	<0.01%	July 2015
Acid Soluble Sulfate Content (BS EN 1744-1)	<0.1%	July 2015
Water Soluble Sulfate Content (TRL 447)	27mg/l	July 2015
Oxidisable Sulfides Content (TRL 447)	0.01%	July 2015
Total Potential Sulfate Content (TRL 447)	0.04%	July 2015
Total Sulfur Content (BS EN 1744-1)	<0.1%	July 2015
Calcium Carbonate Equivalent (BS EN 196-2)	57.81%	July 2015
pH Value (BS 1377)	8.3	July 2015
Neutralising Value (BS 6463-102)	58.90%	July 2015
Product Gradings (BS EN 933-1)	Available on request	
Flakiness Index (BS EN 933-3)	Available on request	
Apparent Particle Density – 4/10mm Agg (BS EN 1097-6)	2.82Mg/m ³	July 2015
Water Absorption – 4/10mm Agg (BS EN 1097-6)	1.7%	July 2015
Apparent Particle Density – 0/4mm Agg (BS EN 1097-6)	2.74Mg/m ³	July 2015
Water Absorption – 0/4mm Agg (BS EN 1097-6)	0.1%	July 2015
Los Angeles Fragmentation Coefficient (BS EN 1097-2)	29	July 2015
Micro Deval Coefficient (BS EN 1097-1)	15	July 2015
Chemical Analysis – X-Ray Fluorescent Techniques	Available on request	

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