

celtest

independent materials testing

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Ffestiniog Quarry**Date Of Issue: 10/12/2018**

AGGREGATE PROPERTIES SUMMARY DATA SHEET

Test Description		Specification Reference	Slate Type 1 Unbound Mixture	STR No.	Date	0/4mm	STR No.	Date
Particle Density (Mg/m ³)	Oven Dry	EN 1097-6 : 2000	2.77	635305	Dec-18			
	S.S.D		2.79	635305	Dec-18			
	Apparent		2.82	635305	Dec-18			
Water Absorption (%)			0.6	635305	Dec-18			
Los Angeles Abrasion (LA)		EN 1097-2 : 2010	21	635302	Dec-18			
Frost Suseptibility		BS 812: Part 124: 2009	9.5	441044	Dec-15			
Micro Deval (wet)		BSEN 1097-1: 2011	48	635304	Dec-18			
Plasticity		BS 1377: Part 2: 1990	17	635307	Dec-18			
Acid Soluble Sulfide (%)		BSEN 1744-1: 2009 Clause 13	0.06	635300	Dec-18			
Water Soluble Sulfate (%)		BSEN 1744-1: 2009 Clause 10.1	<0.01	635309	Dec-18			
pH Value		BS 1377: Part 3: 1990 Clause 9	4.0	635306	Dec-18			
Total Sulfur Content (%)		BSEN 1744-1: 2009 Clause 11	<0.1	635308	Dec-18			
Chloride Ion Content (%)		BSEN 1744-1: 2009 Clause 7	<0.001	635301	Dec-18			
Magnesium Sulfate Soundness		EN 1367-2: 2009	2	635303	Dec-18			
All tests carried out are UKAS accredited unless otherwise denoted by *								
Comments:								

R. M. Owen - Assistant Soils Manager