

Document Ref: BPWS 220

Cwt Y Bugail Slate Coping Product Data Sheet

Physical and Mechanical Property Test information as required by BS EN 12059 Natural Stone Products – Dimensional Stone

Denomination

Cwt Y Bugail, Slate, Blue Grey

Material Source Location

Cwt y Bugail Quarry, Llan Ffestiniog, Gwynedd

Technical Information

Essential Characteristics	Performance	Test Method Standard
Flexural strength <ul style="list-style-type: none">- lower expected value- mean value- standard Deviation	35.1 MPa 49.2 MPa 7.7	EN 12372
Water Absorption at Atmospheric Pressure	<0.1%	EN 13755
Reaction to Fire	Class A1	EN 13501-1
Water Absorption by Capillarity	0.0	EN 1925
Apparent Density and Open Porosity	Apparent Density 2820kg/m ³ Open Porosity 0.3%	EN 1936
Frost Resistance (14 Cycles)	Range 43.5-63.4 MPa Mean 51.8	EN 12371
Thermal Shock Resistance	NPD	EN 14066
Compressive Strength	119.9 MPa	EN 1926