

## CE Marking – Declaration of Performance Cwt-y-Bugail County Grade Roofing Slate



Welsh Slate roofing products conform to the requirements of the CE mark.  
The following table provides the necessary information required to demonstrate conformity of Cwt-y-Bugail County Grade Roofing Slate

Welsh Slate, Penrhyn Quarry, Bethesda, Bangor, Gwynedd, LL57 4YG United Kingdom

Ref: BPWS 106

EN 12326-1:2014 System of Attestation = AVCP System 4

Cwt-y-Bugail County

Intended to be used as discontinuous roofing and external cladding

### Dimensional variation

Nominal thickness	7 mm
Individual thickness	7 mm (< +/- 35%)
Deviation of length and width	Complies
Deviation of edge straightness	Complies
Deviation of rectangularity	Complies

### Mechanical resistance (Characteristic modulus of rupture)

Transverse	94.6 N/mm <sup>2</sup>
Longitudinal	42.7 N/mm <sup>2</sup>

**Water permeability - water absorption** A1 (≤ 0.6%)

**Apparent calcium carbonate content** ≤ 5%

### Durability

Water absorption	A1 (≤0.6%)
Freeze-thaw cycling	Required
Thermal cycling	T1
Sulphur dioxide exposure	S1
Non-carbonate carbon content	Complies: ≤ 2%

**Release of dangerous substances:** None in conditions of use as roofing or external cladding

**External fire performance:** Deemed to satisfy

Signed on behalf of the Manufacturer:



**Sean G Edwards** - Operations Manager