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



Declaration of Performance (DOP)

CE Marking – Declaration of Performance CYB 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, Near Bangor, Gwynedd, Wales, UK, LL57 4YG

Ref: BPWS 106

EN 12326-1:2014

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

38.2 N/mm<sup>2</sup>

Longitudinal

78.9 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

Not required

Thermal cycling

**T1**

Sulfur 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