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



## Declaration of Performance (DOP)

### CE Marking – Declaration of Performance CYB Capital 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 Capital Grade Roofing Slate

Welsh Slate, Penrhyn Quarry, Bethesda, Near Bangor, Gwynedd, Wales, UK, LL57 4YG

Ref: BPWS 105

EN 12326-1:2014

Cwt-y-Bugail Capital

Intended to be used as discontinuous roofing and external cladding

Dimensional variation

Nominal thickness

5.5mm

Individual thickness

5.5mm (< +/- 35%)

Deviation of length and width

Complies

Deviation of edge straightness

Complies

Deviation of rectangularity

Complies

Mechanical resistance (Characteristic modulus of rupture)

Transverse

46.5 N/mm<sup>2</sup>

Longitudinal

81.9 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**

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