

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

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	71.7 N/mm ²
Longitudinal	51.8 N/mm ²

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