

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 | 62.7 N/mm ² |
| Longitudinal | 28.2 N/mm ² |

Water permeability - water absorption A1 (≤ 0.6%)

Apparent calcium carbonate content ≤ 5%

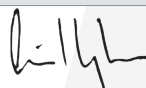
Durability

| | |
|------------------------------|----------------|
| 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

Signed on behalf of the Manufacturer:



Liam Hughes - Distribution Manager