

CE Marking – Declaration of Performance Ffestiniog 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 Ffestiniog County Grade Roofing Slate

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

Ref: BPWS 121

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

Ffestiniog County

Intended to be used as discontinuous roofing and external cladding

Dimensional variation

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

Mechanical resistance (Characteristic modulus of rupture)

Transverse	78.5 N/mm <sup>2</sup>
Longitudinal	40.1 N/mm <sup>2</sup>
Water permeability – water absorption	W1 (≤ 0.6%)
Apparent calcium carbonate content	≤ 5%

Durability

Water absorption	<b>W1</b> (≤0.6%)
Freeze-thaw cycling	Not required
Thermal cycling	<b>T1</b>
Sulphur dioxide exposure	<b>S1</b>
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:

