

CE Marking – Declaration of Performance Penrhyn Celtic 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 Penrhyn Celtic Grade Roofing Slate

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

Ref: BPWS 125

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

Penrhyn Celtic

Intended to be used as discontinuous roofing and external cladding

Dimensional variation

Nominal thickness	9mm
Individual thickness	9mm (< +/- 35%)
Deviation of length and width	Complies
Deviation of edge straightness	Complies
Deviation of rectangularity	Complies

Mechanical resistance (Characteristic modulus of rupture)

Transverse	56.7N/mm <sup>2</sup>
Longitudinal	41.2 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:

