

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, Near Bangor, Gwynedd, Wales, UK, LL57 4YG

Ref: BPWS 115

EN 12326-1:2014

Penrhyn Celtic

Intended to be used as discontinuous roofing and external cladding

Dimensional variation

Nominal thickness

9 mm

Individual thickness

9 mm (< +/- 35%)

Deviation of length and width

Complies

Deviation of edge straightness

Complies

Deviation of rectangularity

Complies

Mechanical resistance (Characteristic modulus of rupture)

Transverse

35.5 N/mm²

Longitudinal

52.5 N/mm²

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

Sulfur 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