


CE Marking information for slate for discontinuous roofing and cladding, AVCP System 4

Description of product

Penrhyn Capital, Roofing Slate – distinguished by nominal thickness (5.5mm)

				
Welsh Slate Ltd, Penrhyn Quarry, Bethesda, Near Bangor, Gwynedd, Wales, UK, LL57 4YG				
EN 12326-1:2014				
Penrhyn Capital				
Intended to be used as discontinuous roofing and external cladding				
Dimensional variation: - Nominal thickness	5.5mm			
- Individual thickness	5.5mm (< +/- 35%)			
- Deviation of length and width, edge straightness & rectangularity	Complies			
Mechanical resistance (Characteristic MoR)	Transverse	41.9N/mm ²	Longitudinal	56.3N/mm ²
Water absorption	W1 (≤0.6%)			
Apparent calcium carbonate	< 5%			
Durability:				
- Water absorption	W1 (≤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			
Reaction to fire	Deemed to satisfy class A1			

Dangerous Substances

All Welsh Slate roofing products are inert unless the physical characteristics of the individual items are altered by processing. In conditions of use as roofing or external cladding, this product does not release dangerous substances.

The performance of the product identified above is in conformity with the declared performance in the above table.

This declaration of performance is issued under the sole responsibility of the manufacturer, Welsh Slate Ltd

Signed for and on behalf of the manufacturer by:



Robert Whalley (IMS Coordinator, Welsh Slate Ltd)

Place of issue: Penrhyn Quarry, Bethesda, Bangor, Gwynedd. Date of issue: 28/05/15

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