

# **EC Declaration of Conformity**

**Generated in order to authorise affixing of the CE marking for the following manufacturer**



## **Welsh Slate Limited**

Penrhyn Quarry

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## Description of product

Penrhyn Heather Blue Roofing Slate, Capital Grade (nominal thickness distinguished as 5.5mm).

					
Welsh Slate Ltd, Penrhyn Quarry, Bethesda, Near Bangor, Gwynedd, Wales, UK, LL57 4YG					
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EN 12326-1:2004					
Roofing and external cladding slate					
Dimensions and dimensional variation		Complies (deviation: < +/- 5mm)			
Nominal thickness and variation		5.5mm (< +/- 35%)			
Mechanical resistance	Characteristic MoR	Transverse	37.2MPa	Longitudinal	63.3MPa
	Mean failure load	Transverse	631N	Longitudinal	1117N
Water permeability - water absorption		Complies < 0.6%			
Carbonate content		< 5%			
Durability water absorption		Complies < 0.6%			
Durability freeze thaw cycling		Not required			
Durability thermal cycling		Complies with code T1			
Durability sulphur dioxide exposure		Complies with code S1			
Durability non-carbonate carbon content		Complies: < 2%			
Release of dangerous substances		None in conditions as roofing or external cladding			
External fire performance		Deemed to satisfy			
Reaction to fire		Deemed to satisfy class A1			

## Conformity

This product conforms to Annex ZA of EN 12326-1:2004.

## 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.

## Signatory



Robert Whalley  
Roofing Slate Quality Technician, Welsh Slate Ltd