

# Kitemark™ Certificate

This is to certify that:

Breedon Southern Limited  
Head Office  
Breedon on the Hill  
Derby  
DE73 8AP  
United Kingdom

Holds Certificate Number:

KM 08014

In respect of:

**BS EN 12326-1**  
**Slate and stone products for discontinuous roofing and cladding**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Frank Lee, EMEA Compliance & Risk Director

First Issued: 2020-01-07

Latest Issue: 2021-01-19

Effective Date: 2021-01-19

Expiry Date: 2023-01-06

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...making excellence a habit.™

# Kitemark™ Certificate

No. KM 08014

**BS EN 12326-1:2014 Slate and stone for discontinuous roofing and external cladding  
Part 1: Specifications for slate and carbonate slate**

## Roofing Slates

**Manufacturing Location No.1:**

**Breedon Southern Ltd T/A Welsh Slate  
Penrhyn Quarry, Bethesda, Near Bangor, LL57  
4YG**

Characteristics	Roofing Slate Type		
	Penrhyn Capital	Penrhyn County	Penrhyn Celtic
<b>Work size lengths:</b>	250 to 1200mm inclusive	250 to 1200mm inclusive	250 to 1200mm inclusive
<b>Work size widths:</b>	150 to 900mm inclusive	150 to 900mm inclusive	150 to 900mm inclusive
<b>Nominal thickness:</b>	5.5mm <+/- 35%	7.0mm <+/- 35%	9.0mm <+/- 35%
<b>Mean bending:</b>	Mean Failure load Longitudinal > 1000 N, Mean Failure load Transverse > 500 N	Mean Failure load Longitudinal > 1000 N, Mean Failure load Transverse > 500 N	Mean Failure load Longitudinal 2685 N, Mean Failure load Transverse 1353 N
<b>Characteristic modulus of rupture Longitudinal:</b>	>46MPa	>58MPa	>58MPa
<b>Characteristic modulus of rupture Transverse:</b>	>30MPa	>30MPa	>30MPa
<b>Grain:</b>	Longitudinal	Longitudinal	Longitudinal
<b>Thermal cyclic test:</b>	T1	T1	T1
<b>Carbonate content:</b>	<5%	<5%	<5%
<b>Deviation of length and width:</b>	+/-5mm	+/-5mm	+/-5mm
<b>Reaction to fire performance:</b>	Class A1	Class A1	Class A1
<b>Release of dangerous substances:</b>	All Welsh Slate roofing products are inert unless the physical characteristics of the individual items are altered by processing		

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

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No. KM 08014

**BS EN 12326-1:2014 Slate and stone for discontinuous roofing and external cladding  
Part 1: Specifications for slate and carbonate slate**

## Roofing Slates

**Manufacturing Location No.2:**

**Breedon Southern Limited T/A Welsh Slate  
Cwt-y-Bugail Quarry, Llan Ffestiniog LL41 4RF**

Characteristics	Roofing Slate Type		
	Cwt-y-Bugail Capital	Cwt-y-Bugail County	Cwt-y-Bugail Celtic
<b>Work size lengths:</b>	250 to 1200mm inclusive	250 to 1200mm inclusive	250 to 1200mm inclusive
<b>Work size widths:</b>	150 to 900mm inclusive	150 to 900mm inclusive	150 to 900mm inclusive
<b>Nominal thickness:</b>	5.5mm <+/- 35%	7.0mm <+/- 35%	9.0mm <+/- 35%
<b>Mean bending:</b>	Mean Failure load Longitudinal > 800 N, Mean Failure load Transverse > 400 N	Mean Failure load Longitudinal > 1000 N, Mean Failure load Transverse > 500 N	Mean Failure load Longitudinal > 1000 N, Mean Failure load Transverse > 500 N
<b>Characteristic modulus of rupture Longitudinal:</b>	>50MPa	>50MPa	>50MPa
<b>Characteristic modulus of rupture Transverse:</b>	>20MPa	>20MPa	>20MPa
<b>Grain:</b>	Longitudinal	Longitudinal	Longitudinal
<b>Thermal cyclic test:</b>	T1	T1	T1
<b>Carbonate content:</b>	<5%	<5%	<5%
<b>Deviation of length and width:</b>	+/-5mm	+/-5mm	+/-5mm
<b>Reaction to fire performance:</b>	Class A1	Class A1	Class A1
<b>Release of dangerous substances:</b>	All Welsh Slate roofing products are inert unless the physical characteristics of the individual items are altered by processing		

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