

Kitemark™ Certificate

This is to certify that:

Breedon Trading Ltd.
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, Product Certification Technical and Compliance Director

First Issued: 2020-01-07

Effective Date: 2022-07-18

Latest Issue: 2022-07-18

Expiry Date: 2025-07-17

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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
Work size lengths:	250 to 1200mm inclusive	250 to 1200mm inclusive	250 to 1200mm inclusive
Work size widths:	150 to 900mm inclusive	150 to 900mm inclusive	150 to 900mm inclusive
Nominal thickness:	5.5mm <+/- 35%	7.0mm <+/- 35%	9.0mm <+/- 35%
Mean bending:	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
Characteristic modulus of rupture Longitudinal:	>46MPa	>58MPa	>50MPa
Characteristic modulus of rupture Transverse:	>30MPa	>30MPa	>30MPa
Grain:	Longitudinal	Longitudinal	Longitudinal
Thermal cyclic test:	T1	T1	T1
Carbonate content:	<5%	<5%	<5%
Deviation of length and width:	+/-5mm	+/-5mm	+/-5mm
Reaction to fire performance:	Class A1	Class A1	Class A1
Release of dangerous substances:	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
Work size lengths:	250 to 1200mm inclusive	250 to 1200mm inclusive	250 to 1200mm inclusive
Work size widths:	150 to 900mm inclusive	150 to 900mm inclusive	150 to 900mm inclusive
Nominal thickness:	5.5mm <+/- 35%	7.0mm <+/- 35%	9.0mm <+/- 35%
Mean bending:	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
Characteristic modulus of rupture Longitudinal:	>50MPa	>50MPa	>50MPa
Characteristic modulus of rupture Transverse:	>20MPa	>20MPa	>20MPa
Grain:	Longitudinal	Longitudinal	Longitudinal
Thermal cyclic test:	T1	T1	T1
Carbonate content:	<5%	<5%	<5%
Deviation of length and width:	+/-5mm	+/-5mm	+/-5mm
Reaction to fire performance:	Class A1	Class A1	Class A1
Release of dangerous substances:	All Welsh Slate roofing products are inert unless the physical characteristics of the individual items are altered by processing		

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