

Certificate of Approval

Certificate Number: MCS IK0238

Issue: 01

Solar Slate Plate Ltd.

Unit 29, Heming Road,
Washford Industrial Estate,
Redditch,
Worcestershire
B98 0FH

Having complied with the requirements of the following:

MCS 010-Issue 1.5

Factory Production Control Requirements

and

MCS 012: Issue 2.1

Product Certification Scheme Requirements: Pitched Roof
Installation Kits

is authorised to use the BRE Global Certification Mark and the MCS Certification Mark in association with the following products:

Products

Please see Appendix for details

This certificate and appendix is maintained and held in force through periodic review and verification.



Signed for BRE Global Ltd.

Laura Critien
Operations Manager, MCS

20 May 2016
Date of Issue

20 May 2016
Date of First Issue



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MCS is the Certification Mark for Onsite Sustainable Energy Technologies



Appendix to Certificate No: MCS IK0238 Solar Slate Plate Ltd.

Issue: 01

Products

Model	Description	Reference No.
Solar Slate Plate	Roof Installation Kit (Above roof)	MCS IK0238/01
<i>Technical Information for the Solar Slate Plate:</i>		
Roof substrate:	Timber rafters (47mm x 100mm) and battens with slates	
Minimum Roof pitch:	15°	
Maximum design wind uplift:	1477.6 N for the Solar Slate Plate (applicable to all sizes of plate)	
Value of partial safety factor:	1.5	
<i>Components:</i>		
Solar Slate Plate	M8 stainless steel nyloc flange nut	
'L' bracket stainless steel roof hook	25mm self-drilling wafer head screw	
'Z' bracket stainless steel roof hook	Rubber O-ring	
Stainless steel torsion spring	EPDM washer (large)	
M6 stainless steel roof screw (90mm)	EPDM bonded washer (small)	
M8 stainless steel hex head bolt (30mm)		

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**Appendix to Certificate No: MCS IK0238
Solar Slate Plate Ltd.**

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Model	Description	Reference No.
Eric Tile	Roof Installation Kit (Above roof)	MCS IK0238/02
<i>Technical Information for the Eric Tile:</i>		
Roof substrate:	Timber rafters (45mm x 90mm) and battens with plain roof tiles	
Minimum Roof pitch:	20°	
Maximum design wind uplift ('L' shape):	698 N per roof hook	
Maximum design wind uplift ('C' shape)	545 N per roof hook	
Value of partial safety factor:	1.0	
<i>Components:</i>		
Eric-Tile	M6 stainless steel roof screw (80mm)	
'L' shape stainless steel roof hook	Clout nail	
'C' shape stainless steel roof hook		

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