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Certificate of Approval

Certificate Number: MCS IK0251

Issue: 01

Xiamen Fasten Solar Technology Co., Ltd.

4F, No.31, Xiangxing 1st Road, Huli District, Xiamen 361006, People's Republic of China

having complied with the requirements of the following:

MCS 010: Issue 1.5 Generic Factory Production Control (FPC) Requirements and MCS 012: Issue 2.1 Product Certification Scheme Requirements: Pitched Roof

Installation Kits

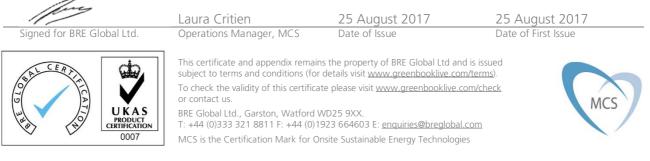
is authorised to use the BRE Global Certification Mark and the MCS Certification Mark in association with the following products:

Products

Please see Appendix for details

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





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Appendix to Certificate No: MCS IK0251 Xiamen Fasten Solar Technology Co., Ltd.

Issue: 01

Products

Model	Description	Reference No.
FTH01 Pantile Roof Mounting Rack	Above Roof Installation Kit	MCS IK0251/01
Technical Information for the Pantile Roof Mounting:		<u> </u>
Roof substrate: Minimum roof pitch: Maximum design wind uplift: Value of partial safety factor:	Timber rafters and battens (<i>50mm wide x 25mm thick</i>) 15° 1214 Pa (<i>when using 2 PV modules with 2 rails and 4 hooks</i>) 1.0	
Components: Pantile Hook	Standard Rail 2560mm Standard Rail 3300mm	
Adjustable Pantile Hook Wood Screw 6.3 x 80 Rail Splice Tapping Screws 6.3 x 25	Standard Rail 3405mm Standard Rail 4200mm Middle Clamp Kit End Clamp Kit Universal Clamp Kit	

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Appendix to Certificate No: MCS IK0251 Xiamen Fasten Solar Technology Co., Ltd.

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Model	Description	Reference No.
FTH02 Plain Roof Mounting Rack	Above Roof Installation Kit	MCS IK0251/02
Technical Information for the Plain Roof Mounting:		
Roof substrate: Minimum roof pitch: Maximum design wind uplift: Value of partial safety factor:	Timber rafters and battens (<i>50mm wide x 25mm thick</i>) 15° 207 N (<i>per hook</i>) 1.0	
Components: Plain Roof Hook Rosemary Roof Hook Wood Screw 6.3 x 80 Rail Splice Tapping Screws 6.3 x 25	Standard Rail 2560mm Standard Rail 3300mm Standard Rail 3405mm Standard Rail 4200mm Middle Clamp Kit End Clamp Kit Universal Clamp Kit	

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Appendix to Certificate No: MCS IK0251 Xiamen Fasten Solar Technology Co., Ltd.

Issue: 01

Model	Description	Reference No.
FTH04 Slate Roof Mounting Kit	Above Roof Installation Kit	MCS IK0251/03
Technical Information for the Slate Roof Mounting:		•
Roof substrate: Minimum roof pitch: Maximum design wind uplift: Value of partial safety factor:	Timber rafters and battens (50mm wide x 25mm thick) 15° 534 N (per hook) 1.0	
Components: Slate Roof Hook Wood Screw 6.3 x 80 Rail Splice Tapping Screws 6.3 x 25	Standard Rail 2560mm Standard Rail 3300mm Standard Rail 3405mm Standard Rail 4200mm Middle Clamp Kit End Clamp Kit Universal Clamp Kit	

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