

## 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

The products listed in this certificate and appendix are certified through the agreement between BRE Global Ltd. and TÜV Rheinland Energie und Umwelt GmbH



Signed for BRE Global Ltd.

Laura Critien  
Operations Manager, MCS

25 August 2017  
Date of Issue

25 August 2017  
Date of First Issue



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

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**Products**

Model	Description	Reference No.
FTH01 Pantile Roof Mounting Rack	Above Roof Installation Kit	MCS IK0251/01
<i>Technical Information for the Pantile Roof Mounting:</i>		
Roof substrate: Minimum roof pitch: Maximum design wind uplift: Value of partial safety factor:	Timber rafters and battens (50mm wide x 25mm thick) 15° 1214 Pa (when using 2 PV modules with 2 rails and 4 hooks) 1.0	
<i>Components:</i> Pantile Hook Adjustable Pantile 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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Model	Description	Reference No.
FTH02 Plain Roof Mounting Rack	Above Roof Installation Kit	MCS IK0251/02
<i>Technical Information for the Plain Roof Mounting:</i>		
Roof substrate: Minimum roof pitch: Maximum design wind uplift: Value of partial safety factor:	Timber rafters and battens (50mm wide x 25mm thick) 15° 207 N (per hook) 1.0	
<i>Components:</i> 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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Model	Description	Reference No.
FTH04 Slate Roof Mounting Kit	Above Roof Installation Kit	MCS IK0251/03
<i>Technical Information for the Slate Roof Mounting:</i>		
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	
<i>Components:</i>	Standard Rail 2560mm Standard Rail 3300mm Standard Rail 3405mm Standard Rail 4200mm Middle Clamp Kit End Clamp Kit Universal Clamp Kit	
Slate Roof Hook Wood Screw 6.3 x 80 Rail Splice Tapping Screws 6.3 x 25		

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