



Certificate No: MCS BBA 0159

Technology: MCS 012 — Pitched Roof Installation Kit

Products: Pitched Roof Clamp System

Certified components	Roof hook: 747808 or 747840 & 747841 Rail (any length): 7015xxxxx (x=length in mm) Mid-clamp: 721550 End-clamp: 721551 Bracket: 724865 Screws: 773360 Nuts & bolts: M8 A2
Installation Type	Above roof
Permissible roof pitch (Angle °)	22.5
Roofing substrate minimum requirements	Profiled or flat single lapped tiles
Maximum design wind uplift resistance (kPa) <i>Calculated by dividing the characteristic wind uplift resistance (in kPa) by the partial safety factor shown below.</i>	1.1
Partial (safety) factor(s)	1.44

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The BBA (British Board of Agrément) has issued this Microgeneration Certification Scheme (MCS) Certificate to the company and products named above, in recognition of the products's compliance with the MCS Scheme Requirements for the technology named above.

On behalf of the British Board of Agrément

Date of issue: 25 June 2014

Claire Curtis-Thomas
Chief Executive

The BBA is a UKAS accredited certification body — Number 113. The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at www.bbacerts.co.uk

Readers are advised to check the validity and latest issue number of this MCS Certificate by either referring to the BBA website or contacting the BBA direct.