



CERTIFIED



Certificate No: MCS BBA 7180

Technology: MCS 012 – Pitched Roof Installation Kits

Product:

REDtip PV Mounting System	
Components	Hexstone REDtip M100 roof hook (HX280349) M107 REDtip Express Rail (HX280386) REDtip Mid Clamp universal (HX280448, HX661148) REDtip End clamp (OJ700724, OJ700731, HX280455, HX661179, HX280479, HX661186, HX722542, HX661216, HX280493, HX661254) REDtip Adjustable end clamp (HX368368, HX368382) M6 x80 REDtip Roof Hook Screw A2 Stainless Steel (HX000275) Socket Head cap screws (HX344157, HX344164, HX344171, HX344188, HX344195, HX344201) HOOKSTOP (HX284934) M8 EASY INSERT CHANNEL NUT (HX280622) M10 SERRATED FLANGE NUT (HX641942) M10 x 30 T BOLT 28/15 (HX280509)
Installation type	Above or On Roof
Permissible roof pitch (angle °)	15° to 75°
Roofing substrate minimum requirements	Flat tiles, profiled tiles, slates
Maximum design wind uplift resistance (kPa) <i>Calculated by dividing the characteristic wind uplift resistance by the partial safety factor shown below.</i>	2.77
Partial (safety) factor	1.0

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REDtip PV Mounting System	
Components	Hexstone REDtip M101 roof hook (HX280349) M107 REDtip Express Rail (HX280386) REDtip Mid Clamp universal (HX280448, HX661148) REDtip End clamp (OJ700724, OJ700731, HX280455, HX661179, HX280479, HX661186, HX722542, HX661216, HX280493, HX661254) REDtip Adjustable end clamp (HX368368, HX368382) M6 x80 REDtip Roof Hook Screw A2 Stainless Steel (HX000275) Socket Head cap screws (HX344157, HX344164, HX344171, HX344188, HX344195, HX344201) M8 EASY INSERT CHANNEL NUT (HX280622) M10 SERRATED FLANGE NUT (HX641942) M10 x 30 T BOLT 28/15 (HX280509)
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Partial (safety) factor	1.0

REDtip PV Mounting System	
Components	Hexstone REDtip M103 roof hook (HX280349) M107 REDtip Express Rail (HX280386) REDtip Mid Clamp universal (HX280448, HX661148) REDtip End clamp (OJ700724, OJ700731, HX280455, HX661179, HX280479, HX661186, HX722542, HX661216, HX280493, HX661254) REDtip Adjustable end clamp (HX368368, HX368382) M6 x80 REDtip Roof Hook Screw A2 Stainless Steel (HX000275) Socket Head cap screws (HX344157, HX344164, HX344171, HX344188, HX344195, HX344201) M8 EASY INSERT CHANNEL NUT (HX280622) M10 SERRATED FLANGE NUT (HX641942) M10 x 30 T BOLT 28/15 (HX280509)
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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' compliance with the MCS Scheme Requirements for the technology named above.

On behalf of the British Board of Agrément

Date of issue: 5 July 2024



Hardy Giesler
Chief Executive Officer

The BBA is a UKAS-accredited product certification body (No. 0113). Certification is delivered under accreditation to BS EN ISO/IEC 17065. Readers MUST check the validity and latest issue number of this MCS Certificate by referring to the BBA website or contacting the BBA.

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