



Certificate No: MCS BBA 0153

Technology:

MCS 012 – Pitched Roof Installation Component

Products:

Solar Limpets kit

Certified components	Solar Limpet kit (Limpet, bracket, nuts, bolts, screw collar and EPDM washer)
Installation Type	Above roof
Permissible roof pitch (Angle °)	22-60
Roofing substrate minimum requirements	Tiled roofs (concrete or clay tiles 10" x 6")
Maximum design wind uplift resistance (kPa) <i>Tested as part of a full mounting kit according to Appendix A of the MCS 012 scheme document. Calculated by dividing the characteristic wind uplift resistance (in kPa) by the partial safety factor shown below.</i>	2.2
Maximum design wind uplift per limpet (kN) <i>Tested as part of a full mounting kit according to Appendix A of the MCS 012 scheme document. Calculated by dividing the characteristic wind uplift resistance (in kN) by the number of fixings and the partial safety factor shown below.</i>	0.91
Partial (safety) factor(s)	1.5



Certified components	Solar Limpet kit (Limpet, bracket, nuts, bolts, screw collar, Neoprene washer, EPDM washer and CT1 sealant)
Installation Type	Above roof
Permissible roof pitch (Angle °)	22-60
Roofing substrate minimum requirements	Slates
Maximum design wind uplift resistance (kPa) <i>Tested as part of a full mounting kit according to Appendix A of the MCS 012 scheme document. Calculated by dividing the characteristic wind uplift resistance (in kPa) by the partial safety factor shown below.</i>	2.2
Maximum design wind uplift per limpet (kN) <i>Tested as part of a full mounting kit according to Appendix A of the MCS 012 scheme document. Calculated by dividing the characteristic wind uplift resistance (in kN) by the number of fixings and the partial safety factor shown below.</i>	0.91
Partial (safety) factor(s)	1.5

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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: 13 May 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.

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