

Microgeneration

The BBA is the UK's major Certification body offering approval of construction products, systems and installers. Since 1966, over 4000 Agrément Certificates have been issued, covering more than 200 different product areas and representing the most comprehensive source of impartial information on product performance available in the UK.

With an increasing number of new products being introduced in the microgeneration market, the BBA is now offering Certification services to companies wishing independent endorsement of the performance of their renewable energy technologies.

BBA Microgeneration Certification

The BBA can now provide Certification against the Government's established MCS scheme allowing eligibility for the various government-funded initiatives designed to encourage the use of these technologies, such as the Low Carbon Building Programme (LCBP) grant. This scheme has enabled consistent and independent certification of microgeneration products and installers.

The BBA Certification Scheme comprises requirements for both products and installers of:

- Solar Heating Collectors (thermal solar systems)
- Micro and Small Wind Turbines
- Solar PV (photovoltaics)
- Heat Pumps
- Biomass technologies.

Product certification requires verification that the product complies with the technical requirements set out in the Scheme documents, including compliance with the relevant Standards and an assessment of the manufacturing process. Installer's certification requires an office audit to assess the competence of staff and to confirm that the necessary documentation and training is in place, and a witnessed installation of the microgeneration technology.

Agrément Certification

In addition, as an enhanced service for manufacturers and their clients, the BBA also offers full product approval. Agrément Certification is a long-standing and widely-recognised service that provides even greater reassurance to potential specifiers and users as it will include important additional information on key factors not covered by the MCS scheme. These include; regulatory compliance, durability, output performance, weatherproofing, structural stability and practicability of installation.

Research carried out amongst specifiers, contractors and clients has shown a high preference for products with Agrément Certificates (as opposed to those without) and housing warranty bodies, such as the NHBC, place great importance on the value of Agrément Certificates.

The first Agrément Certificates for these types of renewable energy products are now being awarded.



Cl/SB

Viridian Solar
Viridian Concepts Ltd
Brook Lane
Bassingbourn
Cambridgehire SG8 5NT
Tel: 01763 853007 Fax: 01763 853001
email: info@viridiansolar.co.uk
website: www.viridiansolar.co.uk

BBA BRITISH BOARD OF AGREMENT
TECHNICAL APPROVALS FOR CONSTRUCTION

Agrément Certificate
No 07/4474

PRODUCT SHEET 1 — CLEARLINE RANGE OF SOLAR COLLECTORS

PRODUCT SCOPE AND SUMMARY OF CERTIFICATE

This Certificate relates to the Clearline Range of Solar Collectors, to pre-heat water in domestic hot water systems.

THIS CERTIFICATE INCLUDES:

- factors relating to compliance with UK Building Regulations where applicable
- factors relating to additional nonregulatory information where applicable
- independently verified technical specification
- assessment criteria and technical investigations
- design considerations
- installation guidance
- regular surveillance of production
- formal three yearly review.

KEY FACTORS ASSESSED

Structural performance — when installed in accordance with the Certificate holder's instructions, the product will resist the loads likely to be met during installation and service (see section 4).

Behaviour in relation to fire — the product has been tested for surface spread of flame and penetration performance in accordance with BS 476-3 : 2004 and may be characterised as having an AA rating (see section 5).

Energy performance — the product reduces the need for 'on grid' energy supplied to heat the water required within a dwelling. The performance is proportional to the solar conditions at the required time (see section 6).

Weather tightness — the product will not be adversely affected by rain, wind-driven snow or rain penetrating the tiling during service. The product is resistant to rain penetration in accordance with the test method described in BS EN 12975-2 : 2006 (see section 7).

Durability — the product will have a life equivalent to that of the roof structure in which it is incorporated. The product is fixed to the timber battens which are protected by tiles/flashing components (see section 1.1).

The BBA has awarded this Agrément Certificate for the Clearline Range of Solar Collectors to Viridian Solar as fit for their intended use provided they are installed, used and maintained as set out in this Agrément Certificate.

On behalf of the British Board of Agrément

Date of First issue: 1 November 2007

Greg Cooper: Chief Executive

The BBA is a UKAS accredited certification body — Number 1113. The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website or www.bbacerts.co.uk

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

British Board of Agrément
Bucknalls Lane
Garston, Watford
Hertfordshire WD25 9BA

Tel: 01923 665300
Fax: 01923 665301
email: mail@bba.star.co.uk
website: www.bbacerts.co.uk

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