

Low Carbon Buildings Programme - Phase 2

Application: Section D – Microgeneration technologies

D2. Solar thermal

D2.1 Installer Details

Company Name:

Accreditation No:

Address:

Postcode:

D2.2 System Details

What is to be heated? Hot water (HW) Swimming pool Both

If DHW, Estimated daily hot water load litres

Type of collector A flat plate evacuated tube unglazed

Product code A

And will it be? A Roof integrated (pitched) Roof mounted (pitched) Roof mounted (flat)

Total aperture area A m² as defined by BS EN 12975

Collector Orientation A Azimuth
Degs from dueSouth
(South = 0°) Tilt
Degs from horizontal
(Horizontal = 0°)

Type of collector B flat plate evacuated tube unglazed

Product code B

And will it be? B Roof integrated (pitched) Roof mounted (pitched) Roof mounted (flat)

Total aperture area B m² as defined by BS EN 12975

Collector Orientation B Azimuth
Degs from dueSouth
(South = 0°) Tilt
Degs from horizontal
(Horizontal = 0°)

Detail any shading issues and how managed

Hot water storage: single coil dual coil bespoke thermal store

And is it? new cylinder in single cylinder system pre-heating an existing cylinder

And is it? vented un-vented

Cylinder Size litres

Solar Primary Circuit: sealed drain-back feed & vent thermo-siphon

And is it?

direct

in-direct

Estimated annual energy yield

kWh

Primary fuel being displaced:

coal

oil

gas

LPG

electricity

Other, please specify [in D2.5](#)

Monitoring proposals:

are there any plans to monitor the impact of the installation, e.g. changes to hot water/heating bills; monitoring of outputs on intranet/internet?

D2.3 Quotation (*installer quotes must reflect both the total and the breakdown of figures supplied below*)

D2.3.1 Collectors	£
D2.3.2 Hot water storage	£
D2.3.3 Pumps, controls, specialist equipment	£
D2.3.4 Installation - roof integration, mounting frames, flashing	£
- plumbing connection	£
- electrical connection	£
D2.3.5 Plumbing Materials (pipe work, insulation, valves etc)	£
D2.3.6 Other - roof access equipment	£
- making good	£
- performance displays	£
other, specify: (check Terms & Conditions to confirm eligibility)	£
	£
	£
	£
	£
D2.3.7 TOTAL excluding VAT	£
D2.3.8 Grant requested	£

D2.4 Installation identifier

*e.g. house number,
street name, building
name, postcode*

D2.5 Describe any unusual design specifications

Important:

If you are applying to install this technology at more than one installation on the same site, please download and complete section D2 for each installation.