

Energy Consultants

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NEW BUILD DATASHEET

Please complete all the questions to enable us to carry out a SAP assessment and Domestic "On Construction" Energy Performance Certificate (EPC) on your behalf. If you require any assistance completing this datasheet, please telephone us on 01303 274497. Please do not leave any fields blank, please enter N/A if a question is not applicable.

Please return the datasheet to us either by email –

info@milstedassociates.co.uk

- or - the postal address above

PLEASE FORWARD A COPY OF ALL SCALED PLANS

i.e. notation, floor plans, sections, elevations and site plan
(preferably electronically in AutoCAD format)

Your personal details

Name	
Address	
Post code	
Email address	
Telephone number	

Details of property

House name / number	
Street name	
Town	
Post code	

Building control officer details

Authority / Company	
Reference number	
Name	
Email address	
Telephone number	
Version of Building Regs.	2012

Build details

Is this Design Stage or As Built	*DS / AB
Have Accredited Construction Details been used	*Yes / No

Construction details

These details can be omitted if full details are included in the attached plans / notation

Ground floor construction including insulation	
External walls construction including insulation	

Construction details - continued	
make and reference no. of wall ties	
Party walls construction including insulation	
make and reference no. of wall ties	
Internal walls	
Roof construction including insulation	

Internal Lighting	
Total number of fixed light fittings	
Number of dedicated low energy fittings included in above	

Windows	
Glazing	*Single / Double / Triple
Air gap	*12mm / 16mm / othermm *Air filled / Argon filled
Low-e coating	*Soft coat / Hard coat
Frame type	*Timber / upvc / Metal
Manufacturers declared u-value	
Details of any proposed blinds / curtains / shutters	

Doors	
Type	*Solid / Half glazed / Fully glazed
Glazing	*Single / Double / Triple
Air gap	*12mm / 16mm / othermm *Air filled / Argon filled
Low-e coating	*Soft coat / Hard coat
Frame type	*Timber / upvc / Metal
Manufacturers declared u-value	

Primary heating	
Central heating by (if heat pump see below)	*Radiators / Underfloor heating / Heat pump / Others
Fuel If solid fuel, type	*Gas / Oil / Solid fuel / Other
Boiler make model manufacturers SEDBUK %	
Central heating design flow temperature	* $\leq 35^{\circ}$ / $>35 < 40^{\circ}$ / $>40^{\circ}$
Heating controls programmer room thermostat TRV's boiler energy manager other	*Yes / No *Yes / No number = *Yes / No *Yes / No

Primary Pipework	
Insulation levels for primary pipework	* uninsulated * first 1m from cylinder insulated * all accessible pipework insulated * pipework fully insulated

Secondary heating	
Fuel If solid fuel, type	*Gas / Oil / Electric / Solid fuel /
Electric tariff	*Standard / 7 hour / 10 hour / 24 hour heating tariff
Heater make model manufacturer's declared efficiency	

Hot water heating	
Supplied by heating boiler If no please supply details	*Yes / No
Size of hot water tank	litres
Tank insulation factory fitted jacket	*Yes / No thicknessmm *Yes / No thicknessmm
Tank manufacturer	
Tank model number	
Tank declared heat loss factor	kWh/day
Immersion heater backup	*Yes / No
Is the cylinder in a heated space	*Yes / No
Cylinder thermostat	*Yes / No
Are solar panels present?	*Yes / No (if yes, see below)

Ventilation	
Pressurisation test results m ³ /m ² /h *designed / as built
No of chimneys	
No of flues	
No of exhaust fans	
Location of fans	
Is there a balanced whole house mechanical ventilation ?	*Yes / No
With heat recovery?	*Yes / No
Manufacturer	
Model number	
Number of sheltered sides	*1 / 2 / 3 / 4
Is air conditioning present if yes, please supply details	*Yes / No

Heat pumps	
Type Ground to Water Water to Water Air to Water	*Yes / No *Yes / No *Yes / No
Manufacturer	
Model number	
Electric tariff	*Standard / 7 hour / 10 hour / 24 hour heating tariff
Installed by MCS registered installer	*Yes / No
Heating controls programmer room thermostat TRV's boiler energy manager other	*Yes / No *Yes / No number = *Yes / No *Yes / No

Solar water heating	
Aperture area of collectors	m ²
Zero loss collector efficiency	
Collector heat loss coefficient	
2nd order collector heat loss coef.	
Dedicated solar storage	litres
Manufacturer / Model	
Solar collector type	* Evacuated tube / Flat plate collector / Unglazed
Direction of solar panels	*South SE / SW East/West NE/NW North
Overshading	Heavy >80% sky blocked Significant 60 < 80% Moderate 20 < 60% None <20%

Photovoltaics	
Output peak kW	
Manufacturer / Model	
Pitch	*Horizontal / 30° / 45° / 60° / Vertical
Direction of solar panels	*South SE / SW East/West NE/NW North
Overshading	Heavy >80% sky blocked Significant 60 < 80% Moderate 20 < 60% None <20%

Details of any other energy saving technologies (appendix Q, SAP 2009 technical guide)	

The information above is submitted with additional project evidence attached and I / we certify that the information is true and accurate.

I / we fully understand the requirements of Milsted Associates and agree to their terms and conditions. (Copy available on request)

Please note that every energy assessor is subject to at least two quality assurance EPC audits per year. If the QA Audit finds that the information supplied is untrue, the "On Construction" EPC will be marked as defective and will need to be recalculated. Any additional costs incurred in this respect will be chargeable.

Signature of applicant	
Position	
Company	
Date	

Important Notes

Please complete this Datasheet as much as possible. If you have any questions, please don't hesitate to contact us.

Please enclose full scaled drawings of all plans, elevations, sections, building regulation notes and all manufacturers information for any special elements.

To ensure that our costs are competitive, we prefer that all information is supplied in an electronic format. Plans should be in AutoCAD format to assist in measurements, takeoffs etc. Other information can be in PDF format.

Should the building specification change from the information supplied, we advise strongly that you contact us to discuss how it will impact on the final calculation.

Once your project is complete you will need to contact us for an "As Built" calculation and "On Construction" EPC. At this time you will need to provide us with additional information such as Pressure Test results. Please contact us in sufficient time to discuss our exact requirements.