



SBEM Form

Please send us the following information:

1. This completed SBEM Form.
2. A full set of scale plans (incl. floor plans, elevations, sections and site plan showing North, preferably via email as pdfs.).
3. Manufacturers details where possible

Site address (including postcode):

**Contact
Name:**

Contact address (including postcode):

Tel (landline):

Tel (mobile):

Email:

If any of the following have not yet been specified please let us know and we can provide details of minimum requirements to comply with SBEM.

1. **Which Part L Building Regulations edition does this project come under?**



2. Floor construction.

Please describe or sketch the structure of the floor, including the type and thickness of insulation:

U Value if known: W/m²K

3. Main Wall Structure.

Please describe or sketch the main wall construction, including details of brickwork/cladding, size of cavity, insulation (type & thickness) and plasterboard:

U Value if known: W/m²K

4. Secondary Walls.

This includes internal walls, wall between heated and unheated spaces etc. Please describe or sketch the structure of the wall, including details of brickwork, size of cavity, insulation (type & thickness) and plasterboard:

U Value if known: W/m²K



5. Roof Construction.

Please describe or sketch the structure of the roof, together with type & depth of insulation:

U Value if known: W/m²K

6. Glazing.

Please provide details of windows proposed, including frame and type of glazing.

Air Gap:

Glass:

Frame Material:

Whole window U Value (if known): W/m²K

7. Heating, Ventilation & Air Conditioning.

These have a big effect on SBEM and therefore please provide as much details as possible (including manufacturers' details if known).



8. Hot Water.

Please provide information on the hot water system (incl. cylinder size if applicable).

9. Lighting.

Please provide information on the type of light fittings proposed together with lighting controls (i.e. occupancy sensing).

10. Low or Zero Carbon Technologies.

Please provide information of any solar panels, wind generators etc. that are proposed.

Solar Thermal Panels

Type of panel:

Area (net aperture): (m²)

Pitch (degrees):

Orientation:

How is solar heated hot water stored?

Please enclose manufacturers details if possible.



Photovoltaic Solar Panels

PV cells power

Overshading:

Pitch (degrees):

Orientation:

Please enclose manufacturers details if possible.

Micro Wind Turbines

Location:

Rotor Diameter: (m)

Hub Height: (m)

Please enclose manufacturers details if possible.

Are you using any other Low or Zero Carbon Technologies?

If yes please give details separately.

12. Renewable Technologies for us to consider.

We may need to consider suggesting renewable technologies to you to ensure your project complies with the new Building Regulations. Please let us know which renewables you would be happy for us to consider by prioritising the list below (please mark them from 1 to 10, 1 being your preferred option):

Ground Source Heat Pump	<input type="text"/>
Air Source Heat Pump	<input type="text"/>
Solar Thermal	<input type="text"/>
Solar PV	<input type="text"/>
Biomass Heating	<input type="text"/>
Mechanical Ventilation with Heat Recovery	<input type="text"/>
Waste Water heat recovery	<input type="text"/>
Micro Wind Turbine	<input type="text"/>
Log Burner	<input type="text"/>
Building Fabric Upgrade	<input type="text"/>



13. **Air Leakage Test.**

On completion we can carry out the pressure test for you. Please call us for a quote.

Predicted air leakage rate:

If unsure we will use the default rate of 10m³/h.m²@50Pa.

We normally send SBEM calculations via email.

If you would prefer a printed copy please tick here.

Please tick here to confirm you would like us to go ahead.

Signature:

Date:

Please use the box below for any additional details:

If you have any queries at all about this form please do not hesitate to contact us.

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