

# SBEM Form

Please send us the following information:

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

**Full site address:**

\_\_\_\_\_

Post code: \_\_\_\_\_

Contact name: \_\_\_\_\_

**Contact address:**

\_\_\_\_\_

Post code: \_\_\_\_\_

Tel (land & mobile): \_\_\_\_\_ Fax: \_\_\_\_\_ 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. Floor construction (if not shown on plans):**

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

	U Value if known: W/m <sup>2</sup> k
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**2. Main wall structure (if not shown on plans):**

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/m <sup>2</sup> k
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### 3. Secondary wall (if not shown on plans):

This includes internal walls, walls 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/m<sup>2</sup>k

### 4. Roof construction (if not shown on plans):

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

U Value if known:  
W/m<sup>2</sup>k

### 5. Will Accredited Construction Details be used?

Yes/No

This relates to thermal bridging and can have a big effect on SBEM results (further information can be found at [www.planningportal.gov.uk](http://www.planningportal.gov.uk))

### 6. Glazing:

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

U Value if known:  
W/m<sup>2</sup>k

**7. Heating, Ventilation & Air conditioning:**

These have a big effect on SBEM and therefore please provide as much detail as possible (including manufacturers details if know at this stage).

**8. Hot water:**

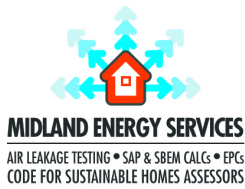
Please provide information on the hot water system (inc. cylinder size if applicable)

**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 on any solar panels, wind generators etc. that are proposed



**11. Air Leakage Test:**  
(We can carry out the pressure test for you, please call us on completion)

Predicted air leakage rate: \_\_\_\_\_ (If unsure we will use the default rate of 10m<sup>3</sup>/h.m<sup>2</sup>@50Pa)

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

If you have any queries at all about this form please do not hesitate to contact us on  
**01636 653055** or email us on **info@midlandenergyservices.co.uk**

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