



Information Requirement for SAP Calculations

1. Drawings, showing dimensions in DWG or DXF

- Floor plans
- Elevations
- Sections

2. Site Plan to identify orientation

3. Construction details of all thermal elements in order to calculate the U-Values

4. Confirmation if Accredited Construction details will be implemented

5. Opening schedules if available

6. Window and Door details including U-Values

7. Target Pressure Test/Air Permeability Value

8. Primary heating details

- If known:
 - Manufacturer and Model
 - Heat emitter (Radiators/underfloor)
 - Extent of controls – TRV/Programmer/Thermostat/Zone Controls etc
- If unknown:
 - General idea of system – fuel and boiler type

9. Secondary heating details

- Open fireplace/closed stove/electric heaters etc

10. Hot water details

- Heating plant including model/manufacturer
- Cylinder manufacturer
- Cylinder size

11. Ventilation details

- Natural or mechanical. If Mechanical;
 - Model and manufacturer of system

12. Lighting

- % number of low-energy bulbs (greater than 45 Lumens per circuit watt)
- If unknown assumed 100%

13. Renewables

- Type and quantity of any renewables

In order to make a start, as a minimum we will require points 1–3 to be confirmed. If detailed construction notes are unknown we can help construct the elements in order to meet the target U-Values.

For points 4–13 if as much of this information could be confirmed this would be preferential. However, we can proceed with general guidance and make sensible assumptions based on the nature of the build and the Energy/BREEAM/CODE targets.