

## New Build - Information Requirement for SAP Calculations

1. Full Postal Address and Postcode of each dwelling.
2. Drawings, showing dimensions in PDF or DWG file format:
  - Floor plans, Elevations and Sections
3. Site plan to identify orientation.
4. Construction details of all thermal elements (Roof, Wall, Floor) if U-Values are not provided.
5. Thermal Bridging, Psi – Values, (Lintel, Cill, Jambs, etc)
  - Confirmation if Accredited Construction details will be implemented.
6. Opening schedules if available.
7. Window and Door details including U-Values.
8. Target Pressure Test/Air Permeability Value.

9. Primary heating details:

If known:

- Manufacturer and Model
- Heat emitter (Radiators/underfloor)
- Extent of controls – TRV/Programme/Thermostat/Zone Controls etc

If unknown:

- General idea of system-fuel & boiler type

10. Secondary heating details:

- Open fireplace/closed stove/electric heaters etc

11. Hot water details:

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

12. Ventilation details:

- Natural or mechanical - *If mechanical – model & manufacturer of system*

13. Lighting:



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

14. Renewables:

- Type and quantity of any renewables including the MCS Certificate