

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, Jamb, 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:
 - % 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