SAP Extension Calculations Checklist

What do I need to provide?

1. Building Regulations

What version of Part L building regulations are applicable for this project – i.e. when was the building notice submitted?

2. Address

We need to know the location to assign the correct regional weather data.

3. Site Plan

Used to determine the dwelling location, orientation and sheltering.

4. Existing and Proposed Floor Plans

Used to determine the size and layout of the dwelling.

5. Sections

Used to measure floor to ceiling heights and the volume of the dwelling.

6. Existing and Proposed Elevations

Used to measure window and door sizes and orientation. As well as areas of lost glazing due to the extension.

7. Proposed and Existing Fabric Specification

The construction method and insulation types/thicknesses for all new heat loss elements – floors, walls and roofs. Used to calculate the fabric performance of the extension.

8. Proposed Glazing and Doors Specification

U Values and G Values of the proposed glazing and doors. Used to calculate solar gain and fabric performance of the extension.

9. Services

Are any services, (heating, hot water, ventilation or renewable technology) being renewed as part of the extension works?

What if I don't have all this information?

For the majority of projects, not all of this information may be known at the early design stages. Energytest understand this and are here to help. Chat with the office and we can help find a solution for you.

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