



SAP Assessment Information Requirements

Once we have been provided with the following information, we can turn around your design stage or as-built EPC and SAP compliance statements within 48 hours. All required information can be provided electronically, either by email or by upload to our secure cloud based collaboration system. If your scheme is not compliant we will identify potential design changes or solutions to help you achieve compliance.

Design Stage Assessments	As-Built Assessments
Floor Plans – providing internal dimensions of the layout of each storey in the building	Floor plans – any changes to the floor area, ceiling heights and size of the living area would impact the SAP assessment
Ground Floor, Wall and Roof Construction – sufficient detail to allow U-values to be calculated	Ground Floor, Wall and Roof Construction – as-built modifications to insulation type and thickness in particular must be communicated
<p>Thermal Bridging. There are currently 3 options for calculating thermal bridging. These are:</p> <ul style="list-style-type: none"> • Providing thermal bridging calculations provided by a suitably qualified person (best option for compliance) • Calculating thermal bridging based on approved or default psi values and lengths of thermal bridges (next best option, we can provide this service but it is subject to an additional charge) • Using a default Y value (typically gives a poor result and may lead to non compliance) 	Thermal Bridging – confirmation that as-built construction details match design, or provision of as-built construction details.
Indicative Thermal Mass Parameter Value (High, Medium, Low) – for conventional brick and block construction we would normally assume Medium	Indicative Thermal Mass Parameter – confirmation of as-built construction value
Glazing – design details for glazing including planned whole window U-value, glazing type and frame type.	Glazing – window frame type, glazing type and the glazed area of doors all have an impact to the SAP assessment
Doors – frame and glazing design details to allow U-value calculation	Doors – confirmation of as-built details



Ventilation – design details for numbers of chimneys, flues, forced air extraction fans and the type of ventilation system need to be provided.	Ventilation – as-built numbers of chimneys, flues, forced air extraction fans and the type of ventilation system require confirmation
Air Permeability – design air permeability target.	Air Permeability Test – the actual measured air permeability rate needs to be evidenced. Without this, a default value for air permeability would need to be used which could result in a failed assessment
Heating – design specification or actual specification of heating system planned to be installed, along with details of any secondary heating system.	Heating – details of the actual main heating system, along with details of any secondary heating system need to be provided.
Hot Water System – design specification or actual specification of hot water system, if different to main heating system.	Hot Water System – details of actual hot water system installed.
Low Energy Lighting – the total number of fixed light fittings and the % planned to be fitted with low energy light bulbs	Low Energy Lighting – as-built details
Renewable Technologies – design specification for any renewable technologies such as Solar PV panels which are planned to be included.	Renewable Technologies – confirmation of the as-built details for any renewable technologies such as Solar Photovoltaic roof panels which are directly connected to the property.
Geographic Location – whether the property is situated in a Dense Urban, Urban or Rural environment	No further information required.