

SAP L1a Calculations

Recommendations to Achieve Compliance

Our Ref: 16520

Project address: 13 Saltwood Road, Maidstone, ME15 6UY

Date: 05/09/2023

Heating system – Arotherm 5kw Air Source Heat Pump, 200l cylinder with 2.4 loss

Design APT – 5

Floor UValue – 0.13 W.m².K

Wall UValue – 0.18 W.m².K

Roof UValue – 0.10 W.m².K

Glazing and Doors UValue – 1.4 W.m².K

Initial Recognized Construction Details have been used for a general construction of a fully filled 125mm cavity with 100mm PIR floor insulation present.

If the specification for the project is confirmed these can be amended to ensure accuracy.

With the above implemented into the assessment the dwelling will comply with building regulations.