

Park Homes – calculation methodology for RdSAP 9.91

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Background

RdSAP does not contain specific provisions for assessing park homes. However the underlying calculation methodology in RdSAP is suitable provided that appropriate data is used.

Where an insulation measure is being assessed, the U-values for the existing element and for the improved element are needed for entry into RdSAP software. The rules on documentary evidence in the RdSAP conventions apply.

Methodology

The existing park home is surveyed following the procedures and conventions for RdSAP except that the following applies:

- a. Dwelling type: Bungalow
- b. Wall and floor areas: As normal for RdSAP using internal dimensions
- c. Walls: Enter as system built, as built, known U-value – wall thickness unknown
- d. Floor: Enter as suspended timber, retrofitted, known U-value
- e. Roof: Enter as pitched or flat (as appropriate), known U-value
- f. Window areas: Measure the areas of all windows.
- g. Window U-values. Enter U-value if known, otherwise select one of the RdSAP options.
- h. Other items: As normal for RdSAP

For U-values for existing park homes, obtain documentation from manufacturer.

Calculations for ECO

Enter the data as described above into RdSAP, calculate the annual cost and emissions.

Apply improvements. For insulation measures, change the U-value of the applicable element to the improved U-value. Re-run in RdSAP to obtain the new annual cost and emissions.

Calculate ECO scores from the change in costs and emissions, using lifetimes and in-use factors as defined in Ofgem documentation.

Other considerations

EPCs are not required for park homes.

Nevertheless from 3 February 2014 it is permissible to lodge data for a park home on the register, provided that the RdSAP assessor has selected addendum 13 before submitting the data for lodgement. Addendum 13 adds the text “This dwelling is a Park Home” at the end of the EPC and is the means by which the register can classify it as a park home.