

Energy Company Obligation (ECO)

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v1.0

Park Home Insulation II - Measure Requirements

Background

In November 2017, we approved an application for a set of deemed scores for park home¹ insulation which may be claimed where, before installation, the thermal performance of each element of the particular park home is below a certain level, and following insulation, the thermal performance of the park home meets or exceeds a certain level.

This note sets out the requirements for claiming the deemed score for the 'park home insulation II' measure type. It includes the deemed scores for the measure type, explains the expectations around the installation itself and the evidence requirements for obligated suppliers.

Contents

1. The deemed scores
2. The installation requirements
3. The evidence requirements

1. The deemed scores

These can be found on the [ECO2t Deemed Scores webpage](#), and are also shown below.

These deemed scores are in addition to the existing deemed scores. They do not replace the standard park home insulation deemed score in the Deemed Scores Matrix.²

Carbon scores (tCO₂)

Property Type	Gas boiler	Electric storage heater	Oil boiler	LPG boiler	Solid fossil fuel boiler	Electric boiler	Electric room heaters	Gas room heaters	Solid fossil room heaters	Bottled LPG boiler	Bottled LPG room heaters
Single park home	50.162	141.991	69.102	55.979	163.880	99.540	84.821	59.253	205.736	55.979	66.125
Double park home	81.304	228.409	111.986	90.720	264.556	160.741	134.984	94.210	331.547	90.720	105.114

¹ We use the terms 'park home' and 'mobile home' interchangeably in this guidance note

² [ECO2t Deemed Scores](#)

Cost scores (£)

Property Type	Gas boiler	Electric storage heater	Oil boiler	LPG boiler	Solid fossil fuel boiler	Electric boiler	Electric room heaters	Gas room heaters	Solid fossil room heaters	Bottled LPG boiler	Bottled LPG room heaters
Single park home	11127	35030	17564	28339	26584	43982	37473	17739	33375	36301	42870
Double park home	18029	56345	28466	45918	42919	71023	59637	28203	53787	58821	68158

Note that these are lifetime scores. For information, the lifetime of a park home measure is 30 years, and the in-use factor, applied to carbon scores only, is 25%. For cost savings, the relevant lifetime scores have also been subject to the non-gas insulation uplift of 1.35. Both sets of scores have been multiplied by 1.3, as outlined in articles 18 (2A) and 19 (2A) of the ECO2 Order.

The 'single' and 'double' property variants are assumed to have the same dimensions as the standard park home insulation score³ but they have been developed using the following U-value assumptions:

	U-value before (W/m ² K)	U-value after (W/m ² K)
Roof	1.7	0.3
Wall	1.7	0.3
Floor	1.7	0.3

2. The installation requirements

All requirements which apply to ECO measures installed using the standard park home insulation score must be adhered to when claiming this score. The deemed scores published in this document may be claimed for any park home insulation measure installed during ECO2t after the date on which the application was submitted (the period 15 May 2017 to 30 September 2018), where the requirements outlined in this document are met.

If a park home insulation measure is installed but these requirements are not met, suppliers can claim the standard park home insulation score in the Deemed Scores Matrix.

Required level of improvement

Paragraphs 2.53 and 2.54 e. of our [ECO2t guidance](#) state:

Suppliers must install 100% of a measure at premises, unless there are reasonable grounds for not doing so.

...for mobile home insulation, 100% of the measure will be the insulation of the exterior facing walls, ceiling, and floor area of the mobile home.

³ As stated in 7.10 e) of the [ECO2t guidance](#)

To claim the park home insulation II score, the pre-installation U-value of the roof, walls and floors of the park home must all be 1.7 W/m²K or worse and the post-installation U-value of these three elements must be 0.3 W/m²K or better. Requirements for evidencing this is detailed below.

3. The evidence requirements

Ofgem may choose to audit ECO measures at any point. We therefore stipulate that obligated suppliers are able to make certain documents and data available for the purpose of an audit or another compliance check, at any time before 31 March 2019.

For the park home insulation II measure, suppliers must to be able to demonstrate the starting and finishing U-value of each element of the park home.

We expect:

1. The calculation to be produced or verified by a suitably qualified person (as defined in RdSAP) using inputs based on:
 - a. construction details and specifications (as produced by the building's design or construction team) that fully describe the existing wall construction, or
 - b. a core sample tested in a laboratory to determine the thermal properties of its construction materials.

OR

2. The calculation to be produced or verified by one of the following suitably qualified persons:
 - a. a member of a recognised U-value calculation competency scheme (i.e. BBA/TIMSA), or
 - b. any other scheme formally agreed between Accreditation Schemes/Approved Organisations and Government. This evidence will need to be agreed with Ofgem prior to installation.

OR

3. A supplier may apply to us to use another method of verification prior to installation.