

First Time Central Heating pre-conditions (insulation): Technical Report Template

There are cavity wall and roof insulation pre-conditions associated with first time central heating (FTCH)¹ measures installed under ECO3.²

This report template relates to technical reasons for not meeting the cavity wall insulation pre-condition.

Cavity Wall Insulation Pre-condition

To meet the cavity wall insulation pre-condition, all exterior-facing cavity walls of the premises must be insulated, except for:

- a) exterior-facing walls which are already insulated, or
- b) have a cavity which cannot be insulated.

Appendix 1 can be used to provide evidence of areas that cannot be insulated to meet the pre-condition due to technical reasons, i.e. there is no cavity wall insulation system available the construction type, or the particular conditions of the wall mean that the cavity cannot be insulated. It is not sufficient for the report to show that the cavity is hard to treat.

This report must be completed for premises with FTCH where there are technical reasons why the cavity cannot be filled³. The requirements for satisfying the cavity wall insulation pre-condition through this report are detailed in Chapter 4⁴ of the ECO3 Guidance: Delivery ('the Guidance').

The report must be completed by an appropriately qualified chartered surveyor⁵ or structural engineer.⁶

Where there is a technical reason why the cavity cannot be insulated, this template, completed accurately, in full and in accordance with the Guidance, will satisfy the cavity wall insulation pre-condition for the wall areas it relates to. Suppliers may also choose to use this form to evidence that walls are of solid wall construction.⁷

This form is not required for non-technical reasons why a cavity cannot be insulated. These reasons are set out in Chapter 4⁸ of the Guidance and relate to access, consent, and legal issues.

Suppliers may adapt the format of this template, provided that the content is not changed. Suppliers may submit adapted versions to us before use for confirmation that they are acceptable.

Please contact us at eco@ofgem.gov.uk if you have any questions.

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1. Refer to the definition of “first time central heating” and “central heating system” in article 2 of the Electricity and Gas (Energy Company Obligation) Order 2018.
 2. Refer to the ‘First Time Central Heating’ section in Chapter 4 of the ECO3 Guidance: Delivery.
 3. Where a cavity wall cannot be insulated with cavity wall insulation, there is no requirement to treat that wall with external wall insulation or internal wall insulation.
 4. See section on ‘Additional technical reason’ for first time central heating.
 5. A chartered surveyor accredited with Royal Institution of Chartered Surveyors (RICS) membership (MRICS) or a Fellow (FRICS) who has qualified through the residential survey and valuation pathway.
 6. A structural engineer accredited with Chartered membership of the Institution of Structural Engineers (MIStructE), or an Associate (AIMStructE) or Fellow (FIMStructE) of the institution.
 7. A solid wall can be a solid brick wall or a solid non-brick wall. Solid non-brick walls include metal or timber frame walls, and walls of pre-fabricated concrete construction.
 8. See section on ‘Reasons for judging a cavity cannot be insulated’ for first time central heating in the ECO3 Delivery Guidance.

Appendix 1: First time central heating pre-conditions (insulation): technical report – cavity walls

Complete this form if there are technical reasons why the cavity walls in the building cannot be insulated

A: Address details 1. Provide details below of the premises this report relates to.								
Premises details:	Building name or number	Street address	Town/City	County	Postcode			
B: Technical Overview 2. What is the construction type of each wall?			3. Indicate below whether there is a suitable cavity wall insulation system available for each exterior-facing wall and, if no system is available, the reason why not.					
	Cavity wall (exterior-facing only)	Other	Yes, there is a suitable CWI system available for walls shown	There is no suitable cavity wall insulation system available for walls shown due to:				
Wall				construction type of this wall	particular conditions of this wall	other reasons		
Wall 1								
Wall 2								
Wall 3								
Wall 4								
Wall 5								
Wall 6								
Wall 7								
Wall 8								
C: Detailed Technical Assessment 4. Provide full details below in support of the findings at (4) above.			D: Qualifications of Assessor 5. Provide full details below.					
			Assessor name					
			Profession (✓)		Structural engineer	Chartered surveyor		
			Qualification (✓)		AIStructE	MRICS		
					MIStructE	FRICS		
					FIStructE			
			Registration number					
			Name of company					
			Address of company					
			Email address					
			Telephone number					
Signature								
Date								