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Interested committees:

Title: Draft BS EN ISO 17738-4 Thermal insulation products. Exterior insulation and finish systems (EIFS). Part 4: Site Verification.

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- iii) requires additional national guidance or information

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



DRAFT International Standard

ISO/DIS 17738-4

Thermal insulation products — Exterior insulation and finish systems (EIFS) —

Part 4: Site Verification

ICS: 91.100.60

ISO/TC 163/SC 3

Secretariat: **SCC**

Voting begins on:
2025-06-09

Voting terminates on:
2025-09-01

This document is circulated as received from the committee secretariat.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee *[or Project Committee]* ISO/TC 163, *Thermal performance and energy use in the built environment*, Subcommittee SC 03, *Thermal insulation products, components and systems*.

A list of all parts in the ISO 17738 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

EIFS are wall cladding assemblies designed to provide integrated air, thermal, vapour, and moisture control functions in addition to providing a range of aesthetic finishes.

As integrated assemblies, EIFS are installed as tested by the system manufacturer, detailed by the building design professional, and installed according to manufacturer and standard requirements. Where required, confirmation of proper installation and a standardized process for conducting verification is needed to eliminate bias.

This document provides a standardized process for verification that the EIFS installed on a building complies with ISO 17738 -1, EIFS Materials and System; is designed in accordance with ISO 17738-3, EIFS Design; and is installed in compliance with ISO 17738-2, EIFS Installation.

Thermal insulation products — Exterior insulation and finish systems (EIFS) —

Part 4: Site Verification

1 Scope

This document provides the requirements for site verification of an exterior insulation and finish system (EIFS) that complies with ISO 17738-1, is installed in compliance with ISO 17738-2 and designed in compliance with ISO 17738-3.

Verification personnel verify and document that the EIFS installation comprises materials and products in accordance with ISO 17738-1, is being installed as per ISO 17738-2, with details that comply with ISO 17738-3 and all in accordance with manufacturer's printed installation instructions.

The document further covers EIFS installed on prefabricated panels being produced offsite and then installed on site.

The site verification documentation can be used as part of a building envelope commissioning process. In connection with ISO 21105-1, Performance of buildings — Building enclosure thermal performance verification and commissioning — Part 1: General requirements, the level of review determined for each project shall form the basis of the site verification personnel's schedule for site visits and reporting. Factors affecting the level of site review (as outlined in [section 5](#)) include:

1. The owner's budget for compensating the entity that employs the site verification personnel,
2. The complexity of the scope of work, and
3. The associated risk tolerance with which the design professional(s), general contractor, and owner are comfortable.

Note it is common to increase the frequency of site verification when there is a higher incidence of deficiencies, however, this is decided by the owner as part of their contract administration.

This document does not purport to address all the safety concerns, if any, associated with its use. It is the responsibility of the user of this document to establish appropriate health and safety practices and to determine the applicability of regulatory limitations prior to use.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 17738-1, *Thermal insulation products — Exterior insulation finish systems — Part 1: Materials*

ISO 17738-2, *Thermal insulation products — Exterior insulation and finish systems (EIFS) — Part 2: Installation*

ISO 17738-3, *Thermal insulation products — Exterior insulation and finish systems (EIFS) — Part 3: Design requirements*