
**Thermal insulation products — Exterior
insulating systems for foundations —**

Part 2:

Principal responsibilities of installers

*Produits isolants thermiques — Applications externes aux murs des
fondations —*

Partie 2: Principales responsabilités des installateurs



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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 12575-2 was prepared by Technical Committee ISO/TC 163, *Thermal performance and energy use in the built environment*, Subcommittee SC 3, *Thermal insulation products*.

ISO 12575 consists of the following parts, under the general title *Thermal insulation products — Exterior insulating systems for foundations*:

- Part 1: Specification
- Part 2: Principal responsibilities of installers
- Part 3: Test methods

Introduction

ISO 12575 defines a number of types of foundation insulating systems and outlines the different roles the insulation play within each system.

This part of ISO 12575 outlines the responsibilities for the installer to install the material in accordance with the manufacturer's instructions and in accordance with local regulations and to document that this has been done.

The designer has the responsibility for selecting the actual product in accordance with the minimum requirements in this specification for that type of system. The designer is required to consult the appropriate product standard for the product selected.

The manufacturer has the responsibility to produce the product according to any applicable material specification, declare that their product type meets the requirements of this standard, declare the fitness for the intended use and label the product according to this standard.

The installer is required to install the product in accordance with the manufacturer's instructions; assume the responsibilities for installation and be responsible for meeting local government regulations.

Development of this part of ISO 12575 includes a review of applicable CEN documents and CEN material is harmonized where appropriate.

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Thermal insulation products — Exterior insulating systems for foundations —

Part 2:

Principal responsibilities of installers

1 Scope

This part of ISO 12575 specifies the responsibilities of the installers of exterior insulating systems for foundations such that a product that is manufactured and packaged in accordance with ISO 12575-1 is able to provide the properties declared by the manufacturer when installed according to this part of ISO 12575.

This part of ISO 12575 stipulates responsibilities of the installer in the installation of the exterior insulation system, documentation of the installation and a declaration by the installer that all requirements of this part of ISO 12575 have been met.

This part of ISO 12575 does not specify the fitness of the product for the intended use beyond those aspects relating to installation. Many aspects relating to the fitness for use are specified in ISO 12575-1.

The installer can be required to meet additional requirements specified in local regulations or the customer's requirements.

2 Normative references

The following referenced documents are indispensable for the application 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 9229, *Thermal insulation — Vocabulary*

ISO 12575-1, *Thermal insulation — Exterior insulating systems for foundations — Part 1: Specification*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 9229 apply.

4 Requirements

4.1 General requirements

The installer shall ensure that the product for installation be suitable for the application, based on jurisdiction requirements and the manufacturer's recommendations.

The installer shall ensure that the product for installation has been declared by the manufacturer to meet the requirements of ISO 12575-1.

4.2 Detailed requirements

The installer is responsible for obtaining training on the means by which the manufacturer declares conformity to ISO 12575-1 and on how to interpret the manufacturer's marking on the product.

The installer shall ensure that the insulation has a reasonably uniform insulating value over the entire face of the insulated area.

The installer shall ensure that the installed insulation levels can meet or exceed either the minimum jurisdiction requirements or the engineered, energy-efficient design specification.

The installer shall ensure that any insulation that is exposed to the weather or subject to mechanical damage be protected. This protection shall extend far enough into the soil to account for settlement of the soil over time.

The installer shall ensure, when carbon steel connectors, frame or furring are used, that these members are corrosion-resistant.

5 Applications

This part of ISO 12575 applies to perimeter walls, frost walls and load-bearing applications with fastened, adhered, furred, frame or soil-pressure methods of holding insulation and any protection boards or protective surfacing in position.

Applications shall comply with any job specifications, together with building code requirements, manufacturer's installation instructions, or good building practices.

6 Site testing

In case of a dispute between a manufacturer and an installer that cannot be resolved, tests by an accredited third party testing agency to the appropriate material standard shall be accepted.

In case of an application dispute between an installer and an owner or owner's agent that cannot be resolved, opinions by a mutually recognized and qualified professional shall be accepted.

NOTE Installers are not expected to do quality-assurance testing of insulation, fasteners, furring framing or protection materials; this is the responsibility of the material manufacturer prior to shipment.

7 Marking and labelling

7.1 Manufacturer's marking

The Installer shall determine where or by what means the manufacturer declares conformity to ISO 12575-1.

The installer shall identify, verify and record how the material was marked on the daily work record.

7.2 Job-site label

The installer shall attach a job-site label on each complete application, in a prominent location on the site, to identify the application as meeting the requirements of this part of ISO 12575 and the manufacturer's instructions.

8 Documentation

The installer shall obtain the manufacturer's documentation or a third-party certification of compliance to ISO 12575-1 and the applicable material standard.