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

**Part 1:
Material specification**

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

Partie 1: Spécification des matériaux

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO 12575-1:2012

<https://standards.iteh.ai/catalog/standards/iso/eb6088af-efc8-43bc-b355-46a5c1234c3f/iso-12575-1-2012>



iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO 12575-1:2012

<https://standards.iteh.ai/catalog/standards/iso/eb6088af-efc8-43bc-b355-46a5c1234c3f/iso-12575-1-2012>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
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

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Exterior-foundation insulation system applications	2
5 Requirements	5
5.1 General	5
5.2 Specific requirements	5
5.3 Optional requirements	6
6 Testing requirements	7
6.1 Sampling	7
6.2 Conditioning	7
6.3 Test methods	8
7 Test report	9
8 Preparation for delivery — Packaging	9
9 Sampling and conformity control	9
10 Product manufacturer's documentation	9
Bibliography	11

Document Preview

ISO 12575-1:2012

<https://standards.itech.ai/catalog/standards/iso/eb6088af-efc8-43bc-b355-46a5c1234c3f/iso-12575-1-2012>

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.

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 12575-1 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: *Material specification*
- Part 2: *Principal responsibilities of installers*

iTeh Standards
(<https://standards.itih.ai>)
Document Preview

[ISO 12575-1:2012](https://standards.itih.ai/catalog/standards/iso/eb6088af-efc8-43bc-b355-46a5c1234c3f/iso-12575-1-2012)

<https://standards.itih.ai/catalog/standards/iso/eb6088af-efc8-43bc-b355-46a5c1234c3f/iso-12575-1-2012>

Introduction

ISO 12575 (all parts) defines a number of types of foundation insulating systems and outlines the different roles the insulation plays within each system.

This part of ISO 12575 provides specifiers, designers and engineers of insulation systems with guidelines on what properties are to be considered for the thermal insulating materials for a building foundation insulating system where the insulation is in direct contact with ground soils. The designer shall consult the appropriate national regulations and application specifications for minimum requirements.

The designer selects the actual material in accordance with this part of ISO 12575 for the type of system to be used in a specific application. The designer also consults the appropriate material standard and national regulations for the material selected for added characteristics not specified in this part of ISO 12575.

The manufacturer produces the material according to any applicable material standards, declares that their material type meets the requirements of this part of ISO 12575, declares the fitness for the intended use, and labels the material according to this part of ISO 12575.

The installer follows the requirements of the designer, the manufacturer, local government regulations, ISO 12575-2 and assumes responsibility for installation.

Included as part of the development of ISO 12575 (all parts) is the review of applicable CEN documents; CEN standards were harmonized where appropriate.

Moisture control for this application is only partially addressed in the optional requirements in this part of ISO 12575.

Calculation methods are addressed in ISO 13793 and ISO 13370.

iteh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO 12575-1:2012](https://standards.iteh.ai/catalog/standards/iso/eb6088af-efc8-43bc-b355-46a5c1234c3f/iso-12575-1-2012)

<https://standards.iteh.ai/catalog/standards/iso/eb6088af-efc8-43bc-b355-46a5c1234c3f/iso-12575-1-2012>

