

Nederlandse norm

NEN-EN 16724

(en)

Thermische isolatieproducten voor gebouwen -
Instructies voor bevestigen en vastmaken van
buitenisolatie gevelsystemen voor de bepaling
van het brandgedrag (ETICS)

Thermal insulation products for building
applications - instructions for mounting and fixing
for determination of the reaction to fire testing of
external thermal insulation composite systems
(ETICS)

Vervangt NEN-EN 16724:2014 Ontw.

ICS 91.100.60
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EUROPEAN STANDARD

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EUROPÄISCHE NORM

December 2015

ICS 91.100.60

English Version

Thermal insulation products for building applications - Instructions for mounting and fixing for determination of the reaction to fire testing of external thermal Insulation composite systems (ETICS)

Produits isolants thermiques pour le bâtiment -
Instructions de montage et de fixation pour l'essai de
réaction au feu des systèmes composites d'isolation
thermique par l'extérieur (ITE)

Wärmedämmstoffe für Gebäude - Einbau- und
Befestigungsbedingungen für die Prüfung des
Brandverhaltens von außenseitigen Wärmedämm-
Verbundsystemen (WDVS)

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European foreword

This document (EN 16724:2015) has been prepared by Technical Committee CEN/TC 88 “Thermal insulating materials and products”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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Preview

1 Scope

This European Standard specifies instructions for mounting and fixing for reaction to fire testing for External Thermal Insulation Composite Systems (ETICS) and gives rules for the field of application of test results.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13238, *Reaction to fire tests for building products - Conditioning procedures and general rules for selection of substrates*

EN 13501-1:2007+A1:2009, *Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests*

EN 13823, *Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item*

EN 15725, *Extended application reports on the fire performance of construction products and building elements*

EN ISO 1182, *Reaction to fire tests for products - Non-combustibility test (ISO 1182)*

EN ISO 1716, *Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value) (ISO 1716)*

EN ISO 9229, *Thermal insulation - Vocabulary (ISO 9229)*

EN ISO 11925-2, *Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test (ISO 11925-2)*

3 Terms and definitions

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

3.1 gross heat of combustion

Q_{PCS}

heat of combustion of a substance when the combustion is complete and any produced water is entirely condensed under specified conditions

Note 1 to entry: The gross heat of combustion is expressed in mega joules per kilogram.

3.2 adhesive

component used for bonding the thermal insulation product to the substrate

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