

**Thermal and/ or sound insulating products in building
construction - Bound EPS ballastings - Part 2:
Processing of the factory premixed EPS dry plaster**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

**Thermal and/ or sound insulating products in building
construction - Bound EPS ballastings - Part 2: Processing of the
factory premixed EPS dry plaster**

Produits isolants thermiques et/ou acoustiques utilisés
dans la construction des bâtiments - Empierrements en
PSE lié - Partie 2: Fabrication du pré-mélange plâtre sec
PSE

Wärmedämmstoffe für den Wärme- und/oder Schallschutz
im Hochbau - Gebundene EPS-Schüttungen - Teil 2:
Verarbeitung des werkmäßig vorgemischten EPS-
Trockenmörtels

This European Standard was approved by CEN on 16 February 2013.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Foreword

This document (EN 16025-2:2013) 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of an identical text or by endorsement, at the latest by November 2013, and conflicting national standards shall be withdrawn at the latest by November 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This document consists of two parts which form a package:

- EN 16025-1, *Thermal and/or sound insulating products in building construction — Bound EPS ballastings — Part 1: Requirements for factory premixed EPS dry plaster*
- EN 16025-2, *Thermal and/or sound insulating products in building construction — Bound EPS ballastings — Part 2: Processing of the factory premixed EPS dry plaster*

The first part is the harmonised part satisfying the mandate and the CPD and is the basis for the CE marking covering the products, which are placed on the market. The second part, which is the non-harmonised part, covers the specification for the installed products. Both parts need to be used for the application of the insulation product in the end-use applications covered by the standard.

Attention is drawn to the need to take into account any complementary member state rules (e.g. installation rules) which together with this document ensure the fitness for purpose of the installed product.

This document is one of a series for mineral wool, expanded clay, expanded perlite, exfoliated vermiculite, polyurethane/polyisocyanurate, cellulose, bound EPS and expanded polystyrene in-situ formed insulation products used in buildings, but this document may be used in other areas where appropriate.

The reduction in energy used and emissions produced during the installed life of insulation products exceeds by far the energy used and emissions made during the production and disposal processes.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies the requirements for in-situ formed bound EPS products (BEPS) for the thermal insulation of buildings when applied to walls, ceilings, roofs and floors.

This document is a specification for the installed insulation products.

This document describes, when taken together with EN 16025-1, the product characteristics that are linked to the essential requirements of the EU Construction Products Directive. It also specifies the checks and tests to be used for the declaration made by the installer of the products.

This document does not specify the required level of all properties to be achieved by a product to demonstrate fitness for purpose in a particular application. The required levels are to be found in regulations or non-conflicting standards.

This document does not cover factory made bound EPS insulation products.

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 823:2013, *Thermal insulating products for building applications — Determination of thickness*

EN 16025-1:2013, *Thermal and/ or sound insulating products in building construction — Bound EPS ballastings — Part 1: Requirements for factory premixed EPS dry plaster*

EN ISO 9229:2007, *Thermal insulation — Vocabulary (ISO 9229:2007)*

EN ISO 12570, *Hygrothermal performance of building materials and products — Determination of moisture content by drying at elevated temperature*

3 Terms and definitions and symbols

For the purposes of this document, the terms and definitions given in EN ISO 9229:2007 and the following apply.

3.1 Terms and definitions

3.1.1

installed thickness of the bound EPS

thickness of the bound EPS as installed by the installer

3.1.2

nominal thickness of the bound EPS

thickness of the bound EPS as specified by the specifier

3.1.3

specifier

person responsible for defining the volume and thickness of thermal and/or impact sound insulation and the type of product to be used in a given situation

3.1.4

installer

person, company or organisation which is responsible for the process of installation of the thermal and/or impact sound insulation