

## **Kipsil põhinevad liimained kipsplokkidele. Määratlused, nõuded ja katsemeetodid**

Gypsum based adhesives for gypsum blocks -  
Definitions, requirements and test methods

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12860:2002 sisaldab Euroopa standardi EN 12860 + AC:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.01.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12860:2002 consists of the English text of the European standard EN 12860 + AC:2001.</p> <p>This document is endorsed on 16.01.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> This European Standard specifies the characteristics and performance of gypsum based adhesives used for assembling gypsum blocks or other gypsum units.</p>	<p><b>Scope:</b> This European Standard specifies the characteristics and performance of gypsum based adhesives used for assembling gypsum blocks or other gypsum units.</p>
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**ICS 83.180**

**Võtmesõnad:** material, mortars, mouldings, non-loadbearing walls, parting walls, partition panels, partitions, plaster of paris, plasterboard, plates, properties, specification (approval), specifications, staff products, testing, thermal resistance, wall plates, walls

ICS 83.180

**English version**

**Gypsum-based adhesives for gypsum blocks**

Definitions, requirements and test methods

(includes Corrigendum AC : 2002)

Liants-colles à base de plâtre pour  
carreaux de plâtre – Définitions,  
spécifications et méthodes d'essai  
(corrigendum AC : 2002 inclus)

Gipskleber für Gips-Wandbauplatten –  
Begriffe, Anforderungen und  
Prüfverfahren  
(einschließlich Berichtigung AC : 2002)

This European Standard was approved by CEN on 2001-04-16 and Corrigendum AC : 2002 on 2002-02-27.

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 Management Centre or to any CEN member.

The European Standards exist 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

**Management Centre: rue de Stassart 36, B-1050 Brussels**

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## Foreword

This European Standard has been prepared by Technical Committee CEN/TC 241 "Gypsum and gypsum based products", the secretariat of which is held by AFNOR.

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 December 2001, and conflicting national standards shall be withdrawn at the latest by March 2003.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this standard.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## Introduction

Figure 1 shows the relationship between this standard and the package of standards prepared to support the family of gypsum products.

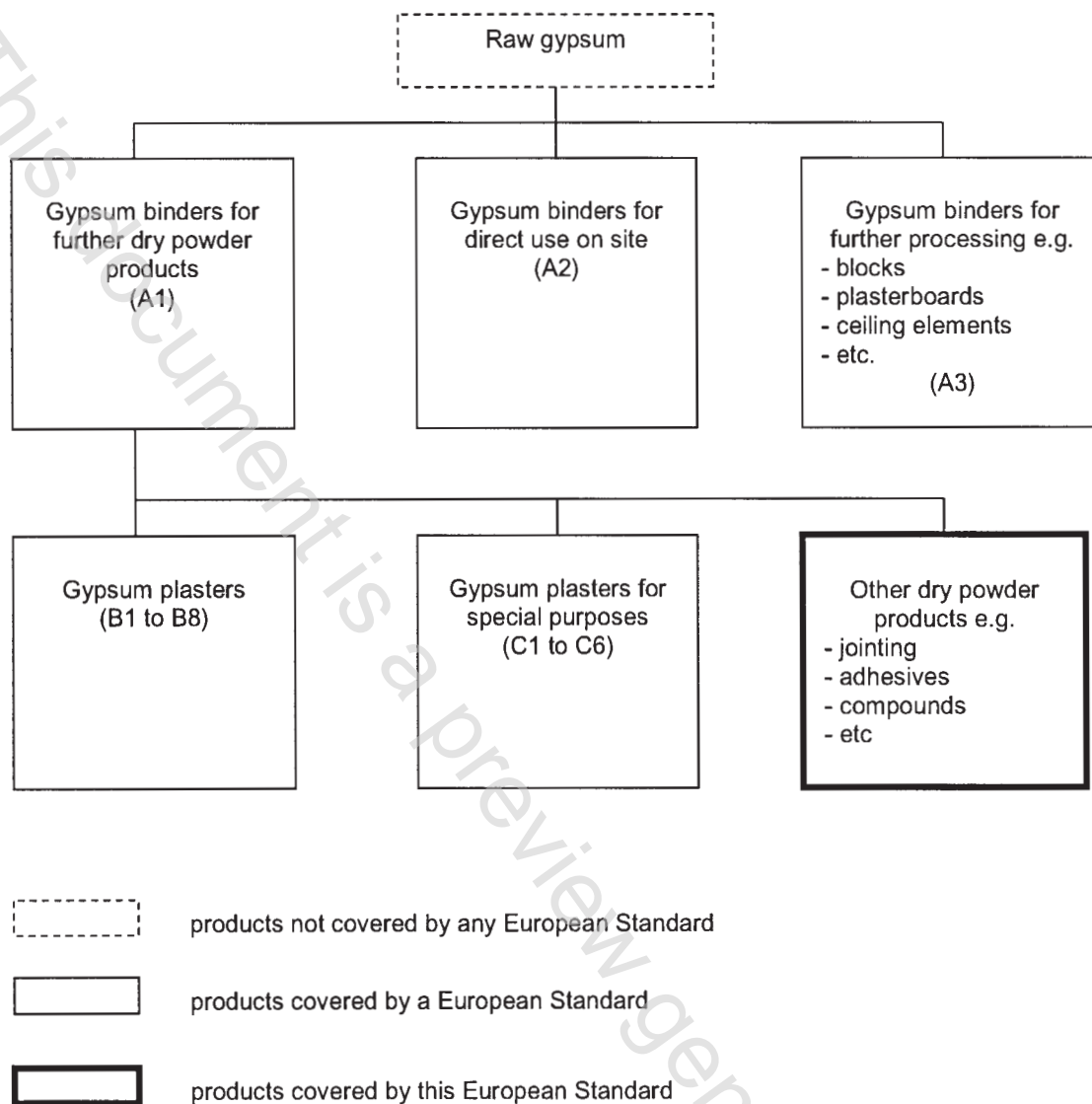


Figure 1 - Family of gypsum binders and gypsum products

## 1 Scope

This European Standard specifies the characteristics and performance of gypsum based adhesives used for assembling gypsum blocks or other gypsum units. It covers the following performance characteristics related to the essential requirements :

- reaction to fire ;
- release of dangerous substances ;

measured according to the corresponding European test methods.

It defines the reference tests for technical specifications.

It provides for the evaluation of conformity of the product to this European Standard.

This European Standard covers also additional technical characteristics that are of importance for the use and acceptance of the product by the Building Industry :

- direct airborne sound insulation ;
- bond strength ;
- thermal resistance calculated with thermal conductivity values from the Table 1 (see 5.3.2).

## 2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 12524, *Building materials and products – Hygrothermal properties – Tabulated design values.*

EN ISO 140-3, *Acoustics – Measurement of sound insulation in buildings and of building elements – Part 3 : Laboratory measurements of airborne sound insulation of building elements (ISO 140-3:1995).*

EN ISO 717-1, *Acoustics – Rating of sound insulation in buildings and of building elements – Part 1 : Airborne sound insulation (ISO 717-1:1996).*

EN ISO 6946, *Building components and building elements – Thermal resistance and thermal transmittance – Calculation method (ISO 6946:1996).*

prEN 12859 : 2000, *Gypsum blocks – Definitions, requirements and test methods.*

prEN 13279-2 : 1998, *Gypsum and gypsum based building plasters – Part 2 : Test methods.*

prEN 13501-1 : 2000, *Fire classification of construction products and building elements – Part 1 : Classification using data from reaction to fire tests.*

EN ISO 10456, *Building materials and products — Procedure for determining declared and design thermal values. (ISO 10456:1999)*