

Gypsum binders and gypsum plasters - Part 2: Test methods

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methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13279-2:2004 sisaldab Euroopa standardi EN 13279-2:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 26.10.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13279-2:2004 consists of the English text of the European standard EN 13279-2:2004.</p> <p>This document is endorsed on 26.10.2004 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>Käsitlusala: This European Standard describes the reference test methods for all gypsum binders and gypsum plasters covered by prEN 13279-1</p>	<p>Scope: This European Standard describes the reference test methods for all gypsum binders and gypsum plasters covered by prEN 13279-1</p>
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Võtmesõnad:

English version

Gypsum binders and gypsum plasters - Part 2: Test methods

Plâtres et enduits à base de plâtre pour le bâtiment - Partie
2: Méthodes d'essai

Gipsbinder und Gips-Trockenmörtel - Teil 2: Prüfverfahren

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN 13279-2:2004) has been prepared by Technical Committee CEN/TC 241 "Gypsum and gypsum based products", the secretariat of which is held by AFNOR.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2005, and conflicting national standards shall be withdrawn at the latest by January 2005.

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

No existing document is superseded.

This document on gypsum binders and gypsum plasters consists of two parts:

- Part 1: *Definitions and requirements.*
- Part 2: *Test methods.*

This document for gypsum binders and gypsum plasters uses European standardised test methods as far as possible and where this was not applicable other appropriate proven test methods have been used.

This document includes an informative Annex concerning water retention.

Introduction

Diagram 1 shows the family of gypsum binders and gypsum plasters

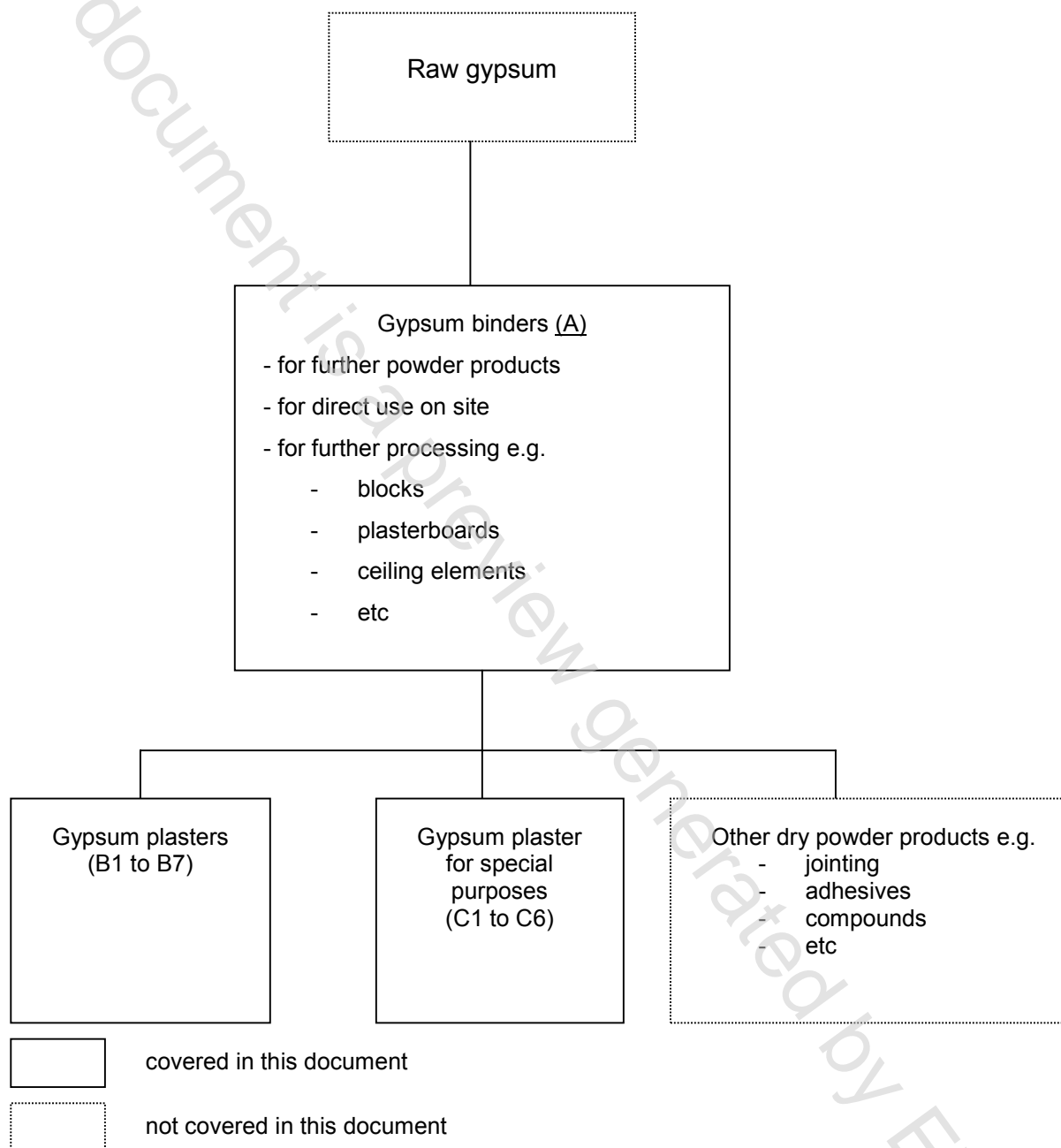


Diagram 1 – Family of gypsum binders and gypsum plasters

1 Scope

This document describes the reference test methods for all gypsum binders and gypsum plasters covered by prEN 13279-1.

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.

EN 196-1:1994, *Methods of testing cement - Part 1: Determination of strength*.

EN 196-7, *Methods of testing cement - Part 7: Methods of taking and preparing samples of cement*.

EN 459-2:2001, *Building lime - Part 2: Test methods*.

EN 932-1, *Tests for general properties of aggregates - Part 1: Methods for sampling*.

prEN 13279-1, *Gypsum binders and gypsum plasters - Part 1: Definitions and requirements*.

ISO 565, *Test sieves - Metal wire cloth, perforated metal plate and electroformed sheet - Nominal sizes of openings*.

3 Test conditions and sampling

3.1 Test atmosphere (reference test)

Temperature of the test room, the equipment and the materials (plaster, water): $(23 \pm 2) ^\circ\text{C}$

Relative humidity of the air: $(50 \pm 5) \%$

3.2 Sampling

Sampling shall be carried out in accordance with EN 196-7.

Sample granular material in accordance with the procedures given in EN 932-1 for aggregates taking into account the need to minimize moisture and carbon dioxide absorption.

The spot sample size shall be $(8 \pm 3) \text{ kg}$.

The test sample prior to testing shall be kept in hermetically sealed containers.

3.3 Preparation of the sample

Before carrying out tests, the mass of the sample shall be homogenized.

Before carrying out chemical analyses, a representative sample of $(50 \pm 5) \text{ g}$ shall be taken and be ground to a particle size of $\leq 0,1 \text{ mm}$.

3.4 Water

The water used for reference tests and chemical analyses shall be distilled or deionised.