

Design, preparation and application of external rendering and internal plastering - Part 2: Design considerations and essential principles for internal plastering

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13914-2:2005 sisaldab Euroopa standardi EN 13914-2:2005 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 22.06.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13914-2:2005 consists of the English text of the European standard EN 13914-2:2005.</p> <p>This document is endorsed on 22.06.2005 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 standard concerns the design considerations and essential principles for internal plastering systems and application of plastering systems.</p>	<p>Scope: This standard concerns the design considerations and essential principles for internal plastering systems and application of plastering systems.</p>
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ICS 91.100.10

Võtmesõnad: interior finishes, maintenance, management, masonry cements, materials, mending, planning, plaster systems, plastering, preparation, preparations, properties, reurbishing, specification (approval), specifications, stuffs, subsoil, workmanship

English version

**Design, preparation and application of external rendering and
internal plastering - Part 2: Design considerations and essential
principles for internal plastering**

Conception, préparation et mise en oeuvre des enduits
intérieurs et extérieurs - Partie 2: enduits intérieurs

Planung, Zubereitung und Ausführung von Innen- und
Außenputzen - Teil 2: Planung und wesentliche Grundsätze
für Innenputz

This European Standard was approved by CEN on 3 March 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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Foreword

This document (EN 13914-2:2005) has been prepared by Technical Committee CEN/TC 125 "Masonry", the secretariat of which is held by BSI.

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 October 2005, and conflicting national standards shall be withdrawn at the latest by October 2005.

The initial draft of this document was prepared by the European section of International Union of Contractors of Plastering, Dry Lining, Stucco and Related Activities (UIEP) at the request of the CEN Technical Sector Board (Resolution No.BTS1/56/1991). It has been revised by CEN/TC125/JWG5 in conjunction with CEN/TC 241. Relevant data are summarized in a series of tables. This part of EN 13914 applies to design for plaster made of mortars containing inorganic and organic binders and mineral aggregate¹⁾, applied on internal vertical and soffit surfaces of structures.

Aspects of this document where basic recommendations may need to be complemented by additional recommendations are indicated by a footnote referencing the Foreword.

Because this standard is a code-like document as opposed to the more conventional EN product standard, it is appropriate to mention that, as with product standards, the use of the verbal form 'shall' denotes a requirement for which verification of compliance has to be able to be demonstrated. Recommendations are denoted by the verbal form 'should' and should be followed unless there is a justifiable reason for not doing so.

It is not the function of this standard to assign responsibility for the design and application of any work or actions mentioned within to any specific party. Such responsibility is a matter for other documentation associated with the work, e.g. the contract.

It has been assumed in the drafting of this document that the application of its provisions is entrusted to appropriately qualified and experienced people, for whose guidance it has been prepared.

Separate CEN Technical Reports containing guidance relating to the design, preparation and application of plaster and plastering systems for gypsum, cement and/or lime (CEN/TR 15125) and polymer plasters (CEN/TR 15123) are available.

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.

¹⁾ The aggregate can be omitted from mortars made from gypsum plaster or anhydrite binders.

1 Scope

This standard concerns the design considerations and essential principles for internal plastering systems and application of plastering systems.

The standard gives in different parts requirements and recommendations for building details, design and materials considerations, the selection of mixes and the application of gypsum plasters; gypsum/lime plasters; premixed lightweight plasters; anhydrite plasters; lime/gypsum; cement and cement/lime based plasters; lime based plasters, silicate plasters, polymer plasters and polymer modified plasters.

This standard does not deal with the following:

- external finishes;
- painting and or preparation;
- impregnations;
- structural repair of concrete;
- fibrous plasterwork

Because of the many and varied materials and practices in Europe it is not possible for certain aspects of the standard to enter into sufficient detail to be fully usable to practitioners in each country. Such guidance to complement, but not alter any basic European recommendations are given in documentation prepared by each country. Aspects of this European Standard whose basic recommendations may need to be complemented are indicated where they occur by a footnote referencing this clause. Further information is given in Technical Reports as follows:

CEN/TR 15124 'Design, preparation and application of internal gypsum plastering systems';

CEN/TR 15125 'Design, preparation and application of internal cement and/or lime plastering systems';

CEN/TR 15123 'Design, preparation and application of internal polymer plastering systems'.

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1

plaster

mixture based on one or more binders, that is applied while plastic and that hardens after application, used to obtain an internal surface finish. It does not acquire its final characteristics until it has set and/or hardened on the building component

2.2

plastering

the application of plaster

2.3

plaster coat

obtained by application of one or more layers with one or more mixes of the same product