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English version

**Design, preparation and application of internal cement and/or  
lime plastering systems**

Planung, Zubereitung und Ausführung von Kalk-, Zement-  
und Kalkzement-Innenputzsystemen

This Technical Report was approved by CEN on 13 May 2005. It has been drawn up by the Technical Committee CEN/TC 125.

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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 document (CEN/TR 15125:2005) has been prepared by Technical Committee CEN/TC 125 "Masonry", the secretariat of which is held by BSI.

This document has been initially 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.

It is not the function of this document 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.

This TR should be read in conjunction with EN 13914-2.

The following similar Technical Reports are also available:-

CEN/TR 15123:2005 *Design, preparation and application of internal polymer plastering systems*

CEN/TR 15124:2005 *Design, preparation and application of internal gypsum plastering systems.*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Report: 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 the United Kingdom.

## 1 Scope

This document concerns the design, preparation and application of internal plaster and plastering systems based on cement and/or lime for internal plastering on all types of background used under normal conditions. It includes plastering onto both new and old backgrounds and the maintenance and repair of existing work. It concerns materials, backgrounds, preparation of the surface to be plastered, choice of suitable cement and/or lime plastering system, methods of application and inspection and testing of plastering.

Cement and/or lime plastering mixes with special properties intended to enhance thermal insulation, fire resistance, acoustic insulation and to increase radiation absorption are also covered.

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.

## 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 998-1, *Specification for mortar for masonry — Part 1: Rendering and plastering mortar*

EN 13914-2, *Design, preparation and application of external rendering and internal plastering - Part 2: Design considerations and essential principles for internal plastering*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions in EN 13914-2 and the following apply.

### 3.1

#### **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 on the building component

### 3.2

#### **mineral plaster**

mixture of aggregates, additives, admixtures and one or more binders

### 3.3

#### **cement and/or lime plaster coat**

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

### 3.4

#### **cement and/or lime plaster layer**

cement and/or lime plaster applied wet on wet to obtain the final thickness with one or more mixes of the same product, when all operations are completed before the cement and/or lime plaster has set

### 3.5

#### **designed plaster**

plaster designed and manufactured to fulfil stated properties and subjected test requirements (performance concept)