### **DIN EN 15319**



ICS 91.100.10

# General principles of design of fibrous (gypsum) plaster works English version of DIN EN 15319:2007-10

Allgemeine Grundsätze der Planung von Arbeiten aus Formteilen aus faserverstärktem Gips

Englische Fassung DIN EN 15319:2007-10

Document comprises 49 pages



has the exclusive right of s

## **National foreword**

This standard has been prepared by Technical Committee CEN/TC 241 "Gypsum and gypsum based products" (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee), Technical Committee NA 005-09-10 AA *Gips und Gipsprodukte*.

# EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 15319

July 2007

ICS 91.100.10

#### **English Version**

## General principles of design of fibrous (gypsum) plaster works

Principes généraux de conception des ouvrages en staff

Allgemeine Grundsätze der Planung von Arbeiten aus Formteilen aus faserverstärktem Gips

This European Standard was approved by CEN on 7 June 2007.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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

© 2007 CEN

All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 15319:2007: E

This is a preview. Click here to purchase the full publication.

Contents		Page
Forew	vord	3
Introduction		4
1	Scope	
2	Normative references	
		_
3 3.1	Terms, definitions, symbols and abbreviations	7 7
3.1 3.2	Technical definitions	
3.3	Symbols and abbreviations	
4	Design	
<del>4</del> 4.1	General	
4.2	Functions	
4.3	Technical requirements	
4.4	Essential requirements	34
5	Setting up on site and arrangements	36
5.1	Conditions required prior to commencing the installation of fibrous plaster works	
5.2	Materials, equipment, accessories and other devices	39
6	Characteristics of the completed works	40
6.1	Surface appearance of the works	
6.2	Flatness of work surfaces	
6.3	Verticality of flat work surfaces	42
7	Maintenance and repair	42
Annex	x A (informative) Separations at abutments and within the area of the works	43
<b>A</b> .1	Examples of situations likely to require separation at edges of work	
<b>A.2</b>	Examples of situations likely to require sub-division	44
Annex	x B (informative) Design values of thermal conductivity of gypsum plaster	45
Anne	x C (informative) Painting works	46
Biblio	graphy	47
	<del>- · ·</del>	

### **Foreword**

This document (EN 15319:2007) 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 January 2008, and conflicting national standards shall be withdrawn at the latest by January 2008.

This European Standard is one of a series of European standardization documents including:

- construction products standards, concerning gypsum and gypsum based products;
- works design standards, providing general principles for the design of works to realise with these products;
- technical reports, providing rules and recommendations for installation of works on site realised with these same products.
- NOTE 1 The fibrous plaster products are the subject of EN 13815.
- NOTE 2 The rules and recommendations for installation of fibrous (gypsum) plaster works on site are the subject of the European Technical Report "Installation rules of fibrous (gypsum) plaster works".

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