

## **BSI Standards Publication**

Prefabricated gypsum plasterboard panels with a cellular paperboard core — Definitions, requirements and test methods



BS EN 13915:2017 BRITISH STANDARD

### **National foreword**

This British Standard is the UK implementation of EN 13915:2017. It supersedes BS EN 13915:2007, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/544, Plastering, rendering, dry lining.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2017 Published by BSI Standards Limited 2017

ISBN 978 0 580 92280 0

ICS 91.100.10

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2017.

Amendments/corrigenda issued since publication

Date Text affected

# **EUROPEAN STANDARD** NORME EUROPÉENNE **EUROPÄISCHE NORM**

EN 13915

July 2017

ICS 91.100.10

Supersedes EN 13915:2007

#### **English Version**

### Prefabricated gypsum plasterboard panels with a cellular paperboard core - Definitions, requirements and test methods

Panneaux de cloison préfabriqués en plaques de plâtre à âme cellulaire en carton - Définitions, exigences et méthodes d'essai

Gipsplatten-Wandbaufertigtafeln mit einem Kartonwabenkern - Begriffe, Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 29 July 2016.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

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



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

© 2017 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 13915:2017 E

Cont	ents	Page
Europ	ean foreword	4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Requirements	
4.1	Fire behaviour	
4.1.1	Reaction to fire	_
4.1.2	Fire resistance	
4.2	Impact resistance	
4.3	Water vapour permeability (expressed as water vapour resistance factor)	
4.4	Flexural strength (expressed as deflection under a defined load)	
4.5	Direct airborne sound insulation	
4.6	Acoustic absorption	7
4.7	Thermal resistance (expressed as thermal conductivity)	8
4.8	Dimensions and tolerances	8
4.9	Alignment	8
4.10	Core adhesion	8
4.11	Release of dangerous substance	8
4.12	Flatness of panels	9
5	Test methods	
5.1	Sampling	
5.2	Dimensional measurements	
5.2.1	Width	
5.2.2	Length	
5.2.3	Thickness	
5.3	Determination of alignment	
5.3.1	Principle	
5.3.2	Apparatus	
5.3.3	Procedure	
5.3.4	Expression of results	
5.4	Determination of deflection	
5.4.1 5.4.2	Principle	
5.4.2 5.4.3	ApparatusProcedure	
5.4.3 5.4.4	Expression of results	
5.4.4 5.5	Determination of the core adhesion	
5.5.1	Principle	
5.5.1 5.5.2	Apparatus	
5.5.2 5.5.3	Procedure	
5.5.4	Expression of results	
5.6	Determination of surface hardness of the panel	
5.6.1	Principle	
5.6.2	Apparatus	
5.6.3	Procedure	
5.6.4	Expression of results	
5.7	Determination of the panel's flatness	