

BS EN 13963:2014



BSI Standards Publication

Jointing materials for gypsum boards — Definitions, requirements and test methods

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National foreword

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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.

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Jointing materials for gypsum boards - Definitions, requirements and test methods

Matériaux de jointoiment pour plaques de plâtre -
Définitions, spécifications et méthodes d'essai

Materialien für das Verspachteln von Gipsplattenfugen -
Begriffe, Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 22 May 2014.

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

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Foreword

This document (EN 13963:2014) 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of an identical text or by endorsement, at the latest by January 2015 and conflicting national standards shall be withdrawn at the latest by April 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13963:2005.

The main technical changes that have been made in this new edition of EN 13963 are the following:

- a) normative references have been updated;
- b) Commission Decision 2010/83/EU on classes of reaction to fire performance for air drying jointing compounds included in Annex B;
- c) new clause symbols, abbreviations and classification has been introduced;
- d) Annex ZA and Clause 6 have been revised to be in line with the Construction Products Regulation (CPR)
- e) document has been editorially revised.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of Regulation (EU) No. 305/2011.

For relationship with Regulation (EU) No. 305/2011, see informative Annex ZA, which is an integral part of this document.

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, 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

The European Standard specifies the requirements for jointing compounds and paper tapes used to fill and finish the joints formed at the edges and ends of gypsum plasterboards complying with EN 520, products from secondary processing complying with EN 14190, prefabricated gypsum plasterboard panels with a cellular paperboard core complying with EN 13915, thermal/acoustic composite panels complying with EN 13950, preformed plasterboard cornices complying with EN 14209 and gypsum boards with fibrous reinforcement complying with EN 15283-1 and EN 15283-2.

This European Standard does not cover tapes which are made from materials other than paper.

This European Standard covers the following characteristics: reaction to fire and flexural strength, to be measured according to the relevant test methods in this document.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 196-3, *Methods of testing cement — Part 3: Determination of setting time and soundness*

EN 520, *Gypsum plasterboards — Definitions, requirements and test methods*

EN 13501-1, *Fire classification of construction products and building elements — Part 1: Classification using test data from reaction to fire tests*

EN 13823, *Reaction to fire tests for building products — Building products excluding floorings exposed to the thermal attack by a single burning item*

EN ISO 535, *Paper and board — Determination of water absorptiveness — Cobb method (ISO 535)*

EN ISO 1924-2, *Paper and board — Determination of tensile properties — Part 2: Constant rate of elongation method (20 mm/min) (ISO 1924-2)*

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

3 Terms and definitions, symbols, abbreviations and classification

3.1 Terms and definitions

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

3.1.1

jointing system

combination of jointing compound or compounds with or without jointing tape to form a seamless joint between two gypsum boards

3.1.2

tapeless jointing compound

compound for use without tape for jointing gypsum boards with suitable edge profiles