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BS EN 14195:2014



BSI Standards Publication

Metal framing components for gypsum board systems — Definitions, requirements and test methods

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

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Metal framing components for gypsum board systems - Definitions, requirements and test methods

Éléments d'ossature métalliques pour systèmes en plaques
de plâtre - Définitions, spécifications et méthodes d'essai

Metall-Unterkonstruktionsbauteile für Gipsplatten-Systeme -
Begriffe, Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 16 August 2014.

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.

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Foreword

This document (EN 14195:2014) 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of an identical text or by endorsement, at the latest by June 2015, and conflicting national standards shall be withdrawn at the latest by September 2016.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 14195:2005.

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.

The main technical changes that have been made in this new edition of EN 14195 are the following:

- a) Normative references have been updated;
- b) Clause 1, Scope, has been enlarged to include profiles, hangers and connectors and boards according to EN 520, EN 14190, EN 15283-1 and EN 15283-2;
- c) Annex ZA and Clause 6 have been revised to be in line with the Construction Products Regulation (CPR);
- d) document has been editorially revised.

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.

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1 Scope

This European Standard specifies the characteristics of metal framing components (e.g. profiles, hangers and connectors) intended to be used in building construction works in conjunction with gypsum boards manufactured according to EN 520, EN 15283-1 and EN 15283-2 and gypsum board products from reprocessing conforming to EN 14190 where the assembly is non-loadbearing. Such assemblies include, for example, partitions, wall and ceiling linings, ceilings with mechanically fixed boards and the cladding of beams, columns, ducts and shafts.

It covers the following performance characteristics: reaction to fire, flexural (yield) strength and loadbearing capacity of suspension components to be measured according to the relevant test methods as specified or cited in this European Standard.

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 10132 (all parts), *Cold-rolled narrow steel strip for heat-treatment*

EN 10244-2, *Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 2: Zinc or zinc alloy coatings*

EN 10346, *Continuously hot-dip coated steel flat products - Technical delivery conditions*

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

EN 13964:2014, *Suspended ceilings - Requirements and test methods*

EN ISO 6892-1, *Metallic materials - Tensile testing - Part 1: Method of test at room temperature (ISO 6892-1)*

EN ISO 9227, *Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227)*

EN ISO 16120-2, *Non-alloy steel wire rod for conversion to wire - Part 2: Specific requirements for general-purpose wire rod (ISO 16120-2)*

3 Terms and definitions

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

3.1 General terms

3.1.1

non-loadbearing element

element which does not transfer vertical forces and whose contribution to the stability of the building is not taken into account