

EELVORMITUD KIPSPLAADIST KARNIISID.
MÄÄRATLUSED, NÕUDED JA KATSEMEETODID

Preformed plasterboard cornices - Definitions,
requirements and test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

Preformed plasterboard cornices - Definitions, requirements and test methods

Corniches préformées en plâtre revêtues de carton -
Définitions, exigences et méthodes d'essai

Hohlkehlleisten aus kartonummanteltem Gips -
Begriffe, Anforderungen und Prüfverfahren

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

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European foreword

This document (EN 14209:2017) 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of an identical text or by endorsement, at the latest by January 2018, and conflicting national standards shall be withdrawn at the latest by April 2019.

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

This document supersedes EN 14209:2005.

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 14209 are the following:

- a) normative references have been updated;
- b) new clause symbols and abbreviations has been introduced;
- 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.

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Introduction

Preformed plasterboard cornices are composed of gypsum plaster encased in and firmly bonded to strong durable paper liners in the shape of narrow lengths with various face profiles.

The composition and finish is identical to that of gypsum plasterboard which makes them particularly suitable for use in situations where a compatible product is required to aesthetically enhance the junction between gypsum plasterboard lined or gypsum plastered walls and ceilings. As well as concealing unsightly cracks, they can be used to provide a permanent and effective seal. They can also be used for decorative and acoustic purposes.

Preformed plasterboard cornices are installed with gypsum adhesive or mechanically fixed and can be finished with direct surface decoration.

1 Scope

This European Standard specifies the characteristics and performance of preformed plasterboard cornices intended to be used in building construction works either as part of the original specification or subsequently for improved decorative enrichment of the wall/ceiling angle in rooms.

This standard covers the performance characteristics: reaction to fire and flexural strength.

This standard covers also additional technical characteristics that are of importance for the use and acceptance of the product by the Construction Industry and the reference tests for these characteristics.

It provides the assessment and verification of constancy of performance of the products.

This standard does not cover plain plaster and gypsum fibrous plasterwork cornices.

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 520:2004+A1:2009, *Gypsum plasterboards — Definitions, requirements and test methods*

EN 13501-1:2007+A1:2009, *Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests*

EN 13823:2010+A1:2014, *Reaction to fire tests for building products — Building products excluding floorings exposed to the thermal attack by a single burning item*

EN 14496:2017, *Gypsum based adhesives for thermal/acoustic insulation composite panels and gypsum boards — Definitions, requirements and test methods*

3 Terms and definitions, symbols and abbreviations

3.1 Terms and definitions

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

3.1.1

plasterboard cornice

preformed paper covered gypsum section with profiled face supported by shoulders

3.1.2

face

exposed surface usually concave, or partially concave with further contours to add embellishment

3.1.3

edge

boundary between the face and back angle which defines thickness (AC)

Note 1 to entry: See Figure 1.

3.1.4

back angle

return from edge, preset at a nominal 90° to facilitate positioning during application