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I.S. EN 14566:2008+A1:2009

# Mechanical fasteners for gypsum plasterboard systems - Definitions, requirements and test methods

## I.S. EN 14566:2008+A1:2009

*Incorporating amendments/corrigenda issued since publication:*

EN 14566:2008/A1:2009

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English Version

## Mechanical fasteners for gypsum plasterboard systems - Definitions, requirements and test methods

Fixations mécaniques pour systèmes en plaques de plâtre -  
Définitions, spécifications et méthodes d'essai

Mechanische Befestigungsmittel für Gipsplattensysteme -  
Begriffe, Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 30 January 2008 and includes Amendment 1 approved by CEN on 6 July 2009.

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## Foreword

This document (EN 14566:2008+A1:2009) 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of an identical text or by endorsement, at the latest by February 2010, and conflicting national standards shall be withdrawn at the latest by February 2010.

This document includes Amendment 1, approved by CEN on 2009-07-06.

This document supersedes EN 14566:2008.

The start and finish of text introduced or altered by amendment is indicated in the text by tags  $\boxed{A_1}$   $\boxed{A_1}$ .

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For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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## Introduction

Figures 1 and 2 show the relationship between this European Standard and the package of standards prepared to support the family of gypsum and ancillary products.

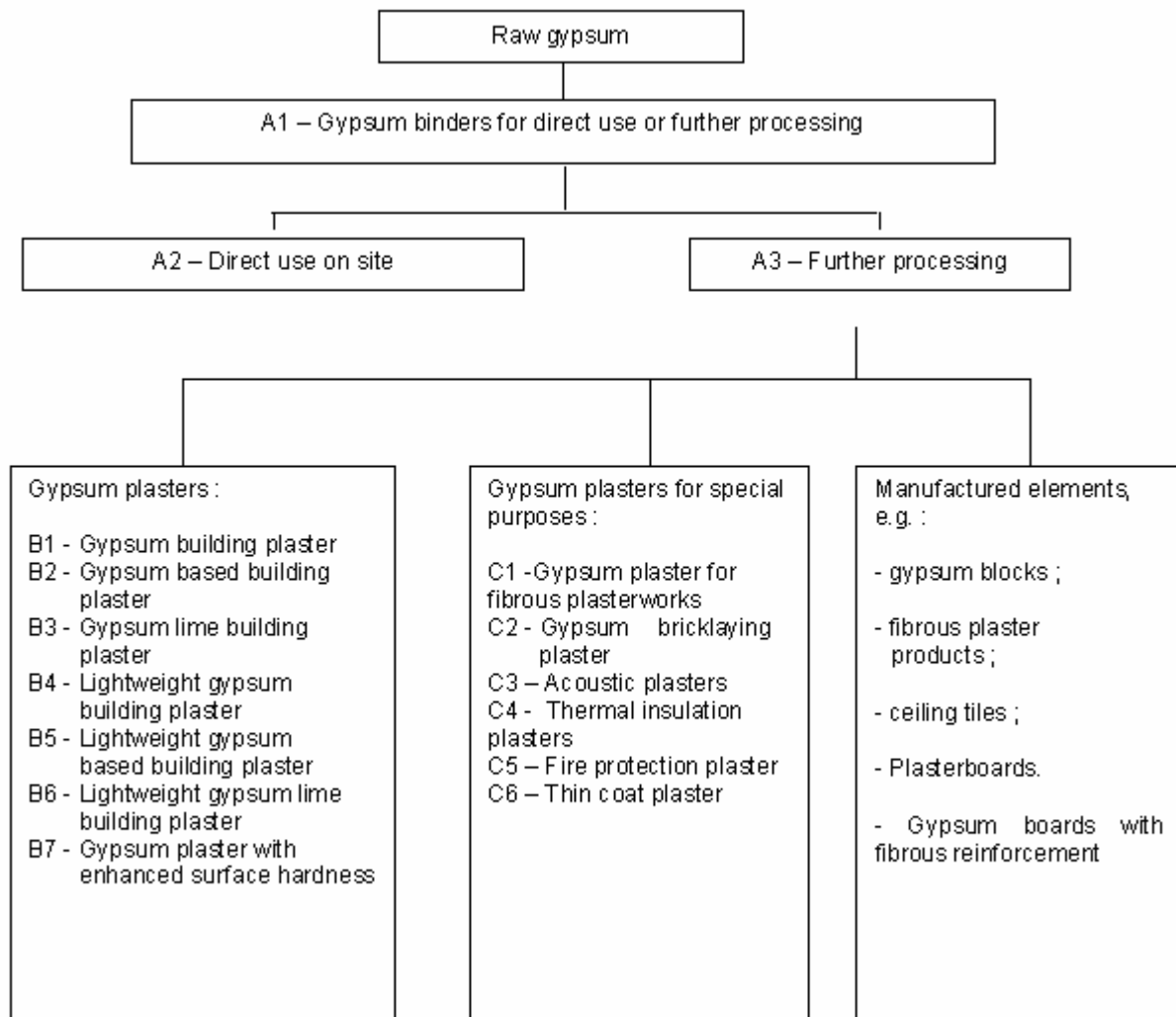
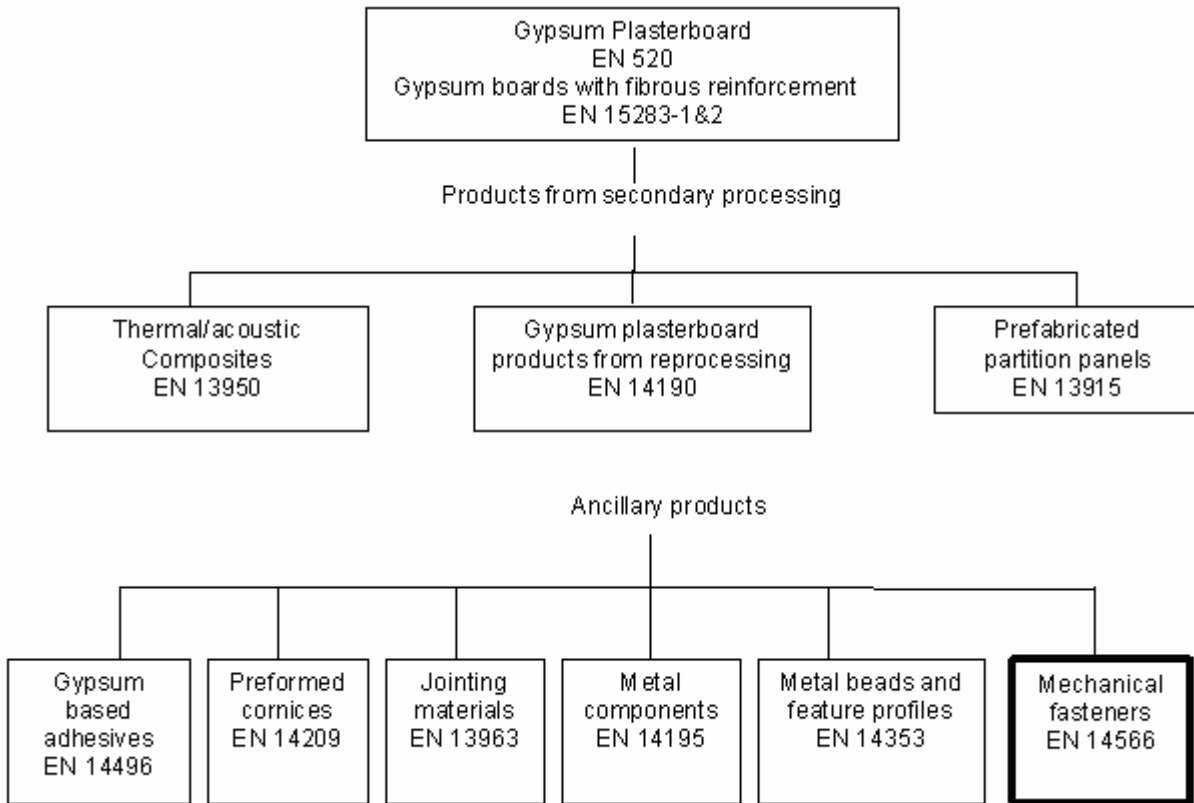


Figure 1 — Family of gypsum products

A1



A1

Figure 2 — Family of ancillary products

## 1 Scope

This European Standard specifies the characteristics and performance of mechanical fasteners, including nails, screws and staples, intended to be used for the fixing of gypsum plasterboard, gypsum boards with fibrous reinforcement, products from secondary processing and suitable ancillary products as shown in Figure 2, to timber and metal, as appropriate, in building construction works. The fasteners secure the board to the framing enabling its surface to be finished by jointing or plastering to receive decoration. They can also be used for the construction of the framing and for the connection between substructure and load bearing components and for fixing boards together. Mechanical fasteners contribute to the stability of the assembly.

This European Standard covers the following product performance characteristics: reaction to fire and flexural strength to be measured according to the corresponding European test methods.

It provides for the evaluation of conformity of the product to this European Standard.

This European Standard also covers the additional technical characteristics that are of importance for the use and acceptance of the products by the construction industry and the reference tests for these characteristics.

This European Standard does not cover nails, screws and staples intended for use with materials other than plasterboard and the plasterboard based products referred to above and their associated system components.

## 2 Normative references

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

EN 338, *Structural timber — Strength classes*

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

EN 10016 (all parts), *Non-alloy steel rod for drawing and/or cold rolling*

**A1** EN 10083, *Steels for quenching and tempering*

EN 10084, *Case hardening steels — Technical delivery conditions **A1***

EN 10230-1, *Steel wire nails — Part 1: Loose nails for general applications*

EN 10327, *Continuously hot-dip coated strip and sheet of low carbon steels for cold forming — Technical delivery conditions*

EN 14195, *Metal framing components for gypsum plasterboard systems — Definitions, requirements and test methods*

EN ISO 6508-1, *Metallic materials — Rockwell hardness test — Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T) (ISO 6508-1:2005)*

**A1** *deleted text **A1***

EN ISO 9001:2000, *Quality management system — Requirements (ISO 9001:2000)*

EN ISO 9227, *Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227:2006)*

EN ISO 12777-3:2002, *Methods of test for pallet joints — Part 3: Determination of strength of pallet joints (ISO 12777-3:2002)*



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