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**GYPSUM PLASTERBOARDS - DEFINITIONS,
REQUIREMENTS AND TEST METHODS**

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Gypsum plasterboards - Definitions, requirements and test methods

Plaques de plâtre - Définitions, exigences et méthodes d'essai

Gipsplatten - Begriffe, Anforderungen und Prüfverfahren

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Foreword

This document (EN 520:2004) 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of an identical text or by endorsement, at the latest by February 2005, and conflicting national standards shall be withdrawn at the latest by August 2006.

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 EU Directive(s).

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

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EN 520:2004 (E)

Introduction

Gypsum plasterboards are composed of a plaster core encased in, and firmly bonded to paper liners to form flat rectangular boards. This composition allows them properties which make gypsum plasterboards particularly suitable for use in situation where fire protection, sound and thermal insulation are required.

Gypsum plasterboards may be fixed by various methods e.g. nailing, screwing or sticking with gypsum based or other adhesives. They may also be inserted in a suspended ceiling system.

Gypsum plasterboards are selected for use according to their type, size, thickness and edge profile. The boards may be used for example to provide dry lining finishes to walls, to fixed and suspended ceilings, to partitions, or as cladding to structural columns and beams. Other uses may be for flooring and sheathing application.

Diagrams 1 and 2 show the relationship between this standard and the package of standards prepared to support the families of gypsum and ancillary products.

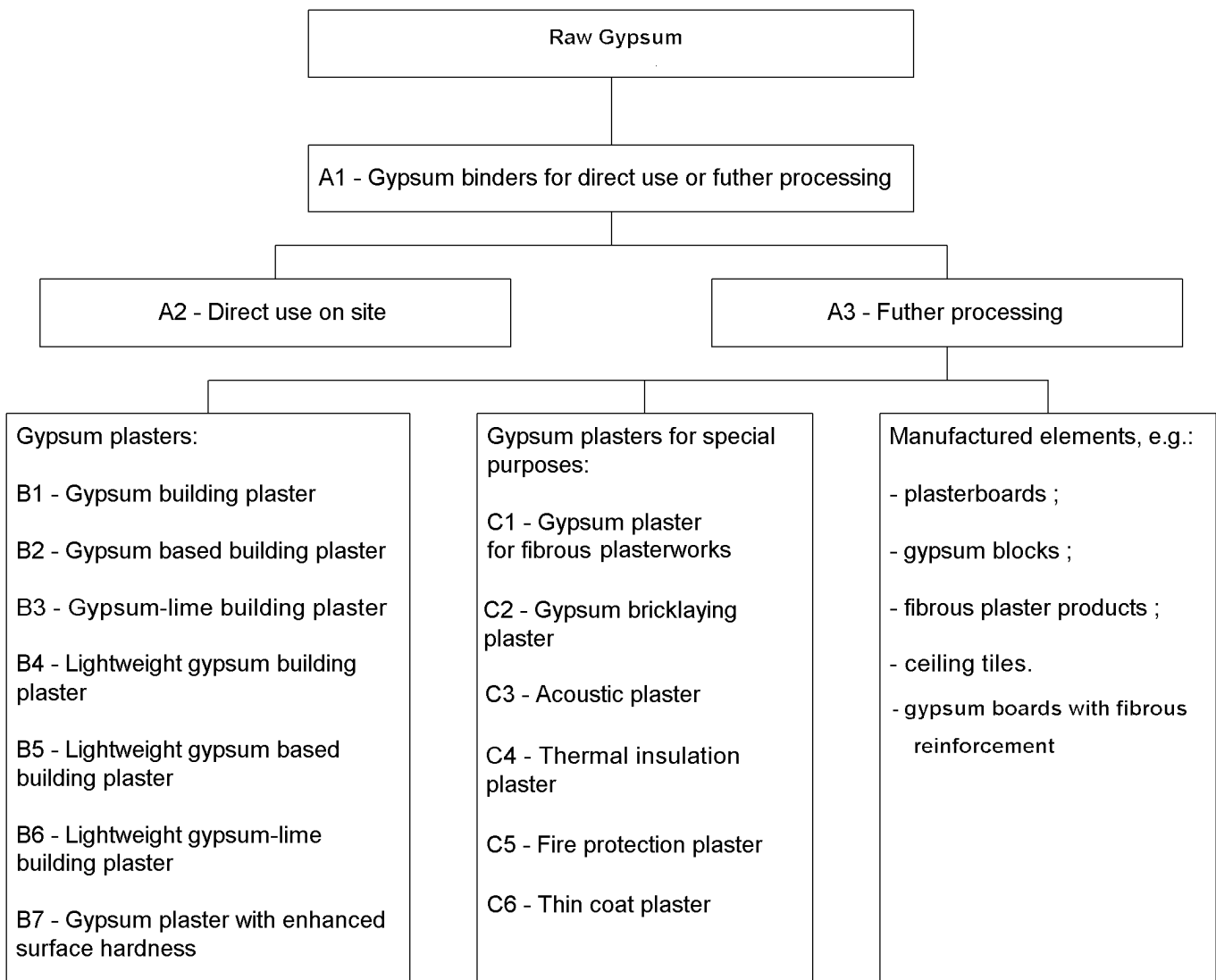


Diagram 1 — Family of gypsum products

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