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National Standards
Authority of Ireland
Dublin 9
Ireland

Tel. (01) 807 3800
Tel: (01) 807 3838

**QUALITY CLASSIFICATION OF TIMBER
USED IN PALLETS AND PACKAGING**

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EUROPEAN STANDARD

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NORME EUROPÉENNE

EUROPÄISCHE NORM

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English version

Quality classification of timber used in pallets and packaging

Classes de qualité du bois utilisé dans les palettes et les emballages

Qualitäts-Sortierung von Holz zur Verwendung in Paletten und Packmitteln

This European Standard was approved by CEN on 2 May 1999.

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 Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 175 "Round and sawn timber ", 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of an identical text or by endorsement, at the latest by december 1999, and conflicting national standards shall be withdrawn at the latest by december 1999.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

Pallets and packaging, of whatever material, fulfil some functional requirements. These requirements can be verified either through tests or through appropriate means.

For pallets and packaging, the characteristics linked with the use of the timber are checked either through functional verifications or through more traditional systems such as strength grading of structural timber or appearance grading of sawn timber. The classes in this standard are based on the latter system.

It will be possible to improve the grading of timber through new systems.

This standard should be used as a reference document in product standards or contracts to specify the class of timber used in the product.

All the criteria are the results of long experience in pallets and packaging.

1 Scope

This standard defines quality classes of timber used in industrial packaging and reusable pallets.

Two classes P1 and P2 are defined with minimum requirements based on visual classification.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 844-1		Round and sawn timber - Terminology - Part 1 : General terms common to round timber and sawn timber
EN 844-3		Round and sawn timber - Terminology - Part 3 : General terms relating to sawn timber
EN 844-4		Round and sawn timber - Terminology - Part 4 : Terms relating to moisture content
EN 844-6		Round and sawn timber - Terminology - Part 6 : Terms relating to dimensions of sawn timber
EN 844-7		Round and sawn timber - Terminology - Part 7 : Terms relating to anatomical structure of timber
EN 844-9		Round and sawn timber - Terminology - Part 9 : Terms relating to features of sawn timber
EN 844-10		Round and sawn timber - Terminology - Part 10 : Terms relating to stain and fungal attack
EN 844-11		Round and sawn timber - Terminology - Part 11: Terms relating to degrade by insects
EN 1309-1		Round and sawn timber - Method of measurement of dimensions - Part 1 : Sawn timber
EN 1310	1997	Round and sawn timber - Method of measurement of features
EN 1311		Round and sawn timber - Method of measurement of biological degrade

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