

ICS: 55.180.20

Geregistreeerde Belgische norm

NBN EN 13626

1e uitg., mei 2003

Normklasse : H 02

Verpakking - Boxpallets - Algemene eisen en beproevingsmethoden

Emballage - Caisses palettes - Exigences générales et méthodes d'essai

Packaging - Box pallets - General requirements and test methods

Toelating tot publicatie : 26 mei 2003

Deze Europese norm EN 13626 : 2003 heeft de status van een Belgische norm.

Deze Europese norm bestaat in drie officiële versies (Duits, Engels, Frans).



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***norme belge
enregistrée***

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Autorisation de publication : 26 mai 2003

La présente norme européenne EN 13626 : 2003 a le statut d'une norme belge.

La présente norme européenne existe en trois versions officielles (allemand, anglais, français).



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ICS 55.180.20

English version

Packaging - Box pallets - General requirements and test methods

Emballage - Caisses palettes - Exigences générales et méthodes d'essai

Verpackung - Boxpaletten - Allgemeine Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 2 January 2003.

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 Management Centre 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 Management Centre 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This document (EN 13626:2003) has been prepared by Technical Committee CEN/TC 261, "Packaging", 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 October 2003, and conflicting national standards shall be withdrawn at the latest by October 2003.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

Box pallets are intended for repeated use while maintaining their service ability and their safe handling.

They may be used for:

- Mechanical handling by fork-lift and hand-pallet trucks.
- Bulk storage in stacks storage where, for safety reasons, it is not advisable to stack box pallets to a height exceeding seven times the smaller horizontal dimension of the box pallet.
- Transport:

This standard is performance-based, i.e. no minimum values are fixed. It reflects ISO 8611-1 in this respect. Box pallets should be tested in accordance with the claimed performances. The standard evaluates performances in relation to the load capacity of a box pallet carrying a uniformly distributed load used as test load and called the nominal load. However, it is recognised that the actual safe working load for a box pallet could vary with the type of load carried and that, for a specific type of load, the maximum working load may be smaller or larger than the nominal load of a box pallet. Therefore, the allowable maximum load for a given design of box pallet vary according to the characteristics of the type of load carried.

1 Scope

This European Standard sets out definitions and specifies general requirements and test methods regarding the use of reusable box pallets.

This draft European Standard applies to box pallets, post pallets and cage pallets, but excludes tank or silo pallets, as defined in EN ISO 445. They can be fixed, collapsible or demountable. This European Standard only applies to the above mentioned products which are handled with fork lift trucks or pallet trucks and no other lifting devices.

Tests for storage in racks and specific transportation conditions are not addressed by this European Standard.

NOTE For the purposes of this standard, the term box pallet covers box pallets, post pallets and cage pallets, as defined in 3.1.1.

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 (including amendments).

EN 13183-1. *Moisture content of a piece of sawn timber - Part 1: Determination by oven dry method*

EN 13183-2 *Moisture content of a piece of sawn timber - Part 2: Estimation by electrical resistance method*

EN 13382, *Flat pallets for materials handling — Principal dimension.*

EN 22206, *Packaging - Complete, filled transport packages - Identification of parts when testing (ISO 2206:1987).*

EN 22248, *Packaging - Complete, filled transport packages - Vertical impact test by dropping (ISO 2248:1985).*

EN ISO 445, *Pallets for materials handling – Vocabulary (ISO 445:1996).*

EN ISO 2233, *Packaging - Complete, filled transport packages and unit loads - Conditioning for testing (ISO 2233:2000)*

EN ISO 2234, *Packaging - Complete, filled transport packages and unit loads - Stacking tests using a static load (ISO 2234:2000)*

EN ISO 2244, *Packaging - Complete, filled transport packages and unit loads - Horizontal impact tests (ISO 2244:2000)*

EN ISO 2247, *Packaging - Complete, filled transport packages and unit loads - Vibration tests at fixed low frequency (ISO 2247:2000)*

3 Terms, definitions, symbols and abbreviations

3.1 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply: