

Repair of flat wooden pallets

The European Standard EN ISO 18613:2003 has the status of a
British Standard

ICS 55.180.20

National foreword

This British Standard is the official English language version of EN ISO 18613:2003. It is identical with ISO 18613:2003.

The UK participation in its preparation was entrusted by Technical Committee PKW/5, Primary and transport packaging, to Subcommittee PKW/5/34, Pallets, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

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Summary of pages

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English version

Repair of flat wooden pallets (ISO 18613:2003)

Réparation des palettes plates en bois (ISO 18613:2003)

Reparatur von Flachpaletten aus Holz (ISO 18613:2003)

This European Standard was approved by CEN on 6 December 2002.

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Foreword

This document (EN ISO 18613:2003) has been prepared by Technical Committee CEN/TC 261 "Packaging", the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 51 "Pallets for unit load method of materials handling".

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of an identical text or by endorsement, at the latest by November 2003, and conflicting national standards shall be withdrawn at the latest by November 2003.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

Mandatory requirements for recycling of packaging materials have led to an expansion of reuse, repair and recycling of wooden pallets. This European Standard is intended to assist this process, in that, through its implementation, the safety and longevity of repaired pallets will be maximised. The standard also refers particularly to new pallet standards and prescriptive pallet specifications in wide use.

There is no requirement in this standard for pallet repairers to undertake tests, since, if guidance given in this standard is followed and systematic repair and inspection systems are used, then a successful repair is recognised to follow.

1 Scope

This European Standard specifies the maximum defects and damage allowed before a flat wooden pallet shall be repaired, and defines the minimum repair criteria that shall be used.

This European Standard is applicable to wooden flat pallets repaired with wood based components.

NOTE The maximum allowed defects and damage for pallets are described in this standard and the annexes A to D show examples of defects and damage which make the widely used pallets unacceptable for use. For other pallet types similar criteria should be set up. The repair criteria for pool and rental pallets are controlled by their respective controlling operators/owners, and may be subject to a licence.

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 1087-1:1994, *Particleboards – Determination of moisture resistance – Boil test*.

EN ISO 445:1998, *Pallets for materials handling – Vocabulary (ISO 445:1996)*.

ISO/DIS 15629:2000, *Pallets for material handling – Quality of fasteners for assembly of new and repair of wooden flat pallets*.

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN ISO 445:1998 (some of which are repeated below for convenience) apply, together with the following:

3.1

board

top deck board, bottom deck board, or stringer board

3.2

deckboard

individual member of a top or bottom deck

3.3

bottom deck board

individual member of bottom deck

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