

# ILNAS

Institut luxembourgeois de la normalisation  
de l'accréditation, de la sécurité et qualité  
des produits et services

## ILNAS-EN 12369-2:2004

### Wood-based panels - Characteristic values for structural design - Part 2: Plywood

Holzwerkstoffe - Charakteristische Werte  
für die Berechnung und Bemessung von  
Holzbauwerken - Teil 2: Sperrholz

Panneaux à base de bois - Valeurs  
caractéristiques pour la conception  
structurelle - Partie 2: Contreplaqué

## National Foreword

This European Standard EN 12369-2:2004 was adopted as Luxembourgish Standard ILNAS-EN 12369-2:2004.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

<https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html>

### THIS PUBLICATION IS COPYRIGHT PROTECTED

Nothing from this publication may be reproduced or utilized in any form or by any mean - electronic, mechanical, photocopying or any other data carries without prior permission!

English version

**Wood-based panels - Characteristic values for structural design  
- Part 2: Plywood**

Panneaux à base de bois - Valeurs caractéristiques pour la conception structurelle - Partie 2: Contreplaqué

Holzwerkstoffe - Charakteristische Werte für die Berechnung und Bemessung von Holzbauwerken - Teil 2: Sperrholz

This European Standard was approved by CEN on 2 January 2004.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

## Contents

	Page
<b>Foreword</b>	3
<b>1 Scope</b>	4
<b>2 Normative references</b>	4
<b>3 Terms and definitions and symbols</b>	4
<b>3.1 Terms and definitions</b>	4
<b>3.2 Symbols</b>	6
<b>4 General</b>	6
<b>5 Characteristic values for plywood</b>	7
<b>5.1 Introduction</b>	7
<b>5.2 EN 636: Plywood: Loadbearing panels for use in bending in all conditions</b>	7
<b>5.3 Characteristic values for tension and compression</b>	8
<b>5.4 Characteristic values for both panel and planar shear</b>	8
<b>Annex A (informative) Format for the presentation of characteristic values</b>	10
<b>Bibliography</b>	11

## **Foreword**

This document (EN 12369-2:2004) has been prepared by Technical Committee CEN/TC 112 "Wood-based panels", the secretariat of which is held by DIN.

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 August 2004, and conflicting national standards shall be withdrawn at the latest by August 2004.

This standard is intended to be used in conjunction with ENV 1995-1-1.

NOTE prEN 1995-1-1 is in preparation.

Annex A is informative.

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