

**Plywood - Biological durability - Guidance for the  
assessment of plywood for use in different hazard  
classes**

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-ENV 1099:1999 sisaldab Euroopa standardi ENV 1099:1997 ingliskeelset teksti.	This Estonian standard EVS-ENV 1099:1999 consists of the English text of the European standard ENV 1099:1997.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 22.10.1997.	Date of Availability of the European standard is 22.10.1997.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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Võtmesõnad: biodegradability, classifications, durability, estimation, operating requirements, plywood, wood products,

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Descriptors: wood products, plywood, durability, biodegradability, estimation, classifications, operating requirements

English version

## Plywood - Biological durability - Guidance for the assessment of plywood for use in different hazard classes

Contreplaqué - Durabilité biologique - Guide pour  
l'évaluation du contreplaqué pour emploi dans les  
différentes classes de risques

Sperrholz - Biologische Dauerhaftigkeit - Leitfaden zur  
Beurteilung von Sperrholz zur Verwendung in  
verschiedenen Gefährungsklassen

This European Prestandard (ENV) was approved by CEN on 11 September 1997 as a prospective standard for provisional application.

The period of validity of this ENV is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the ENV can be converted into a European Standard.

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## Foreword

This European Prestandard has been prepared by Technical Committee CEN/TC 112 "Wood-based panels", the secretariat of which is held by DIN.

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

## 1 Scope

This European Pre-standard gives guidances on the selection of plywood for use in the different hazard classes of biological attack as defined in EN 335-1.

The guidance given takes into account the natural durability classification for solid timber (see EN 350-2) together with other factors specific for plywood.

It does not consider durability against chemico-physical factors, such as weathering, nor does it consider the biological durability of the adhesive.

Guidance on precautionary measures for use is also given.

## 2 Normative references

This European Pre-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 Pre-standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

EN 313-2

Plywood – Classification and terminology – Part 2: Terminology

EN 335-1

Durability of wood and wood-based products – Definitions of hazard classes of biological attack – Part 1: General

EN 335-3 : 1995

Durability of wood and wood-based products – Definitions of hazard classes of biological attack – Part 3: Application to wood-based panels

EN 350-2 : 1994

Durability of wood and wood-based products – Natural durability of solid wood – Part 2: Guide to natural durability and treatability of selected wood species of importance in Europe

EN 460 : 1994

Durability of wood and wood-based products – Natural durability of solid wood – Guide to the natural durability requirements for wood to be used in hazard classes

## 3 Definitions

For the purposes of this standard, the definitions given in EN 313-2 apply.

## 4 Precautionary measures for use

### 4.1 Rules for selection

Plywood should be selected according to the relevant hazard classes of its end use situation and taking into account any risk from perceived hazards likely to occur.