



SLOVENSKI STANDARD

SIST EN 12369-2:2025

01-november-2025

Lesne plošče - Karakteristične vrednosti za projektiranje - 2. del: Vezane plošče

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 des structures - Partie 2: Contreplaqué

Ta slovenski standard je istoveten z: EN 12369-2:2025

<https://standards.iteh.ai/catalog/standards/sist/21a08ccc-96ad-4e29-a842-b384853aad2c/sist-en-12369-2-2025>

ICS:

79.060.10 Vezan les Plywood

SIST EN 12369-2:2025

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 12369-2

September 2025

ICS 79.060.10

Supersedes EN 12369-2:2011

English Version

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

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

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

This European Standard was approved by CEN on 6 July 2025.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

SIST EN 12369-2:2025

<https://standards.iteh.ai/catalog/standards/sist/21a08ccc-96ad-4e29-a842-b384853aad2c/sist-en-12369-2-2025>



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents

Page

European foreword	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 Symbols	6
4.1 Main symbols.....	6
4.2 Subscripts	6
5 General.....	7
6 Characteristic values for plywood	7
6.1 Introduction.....	7
6.2 Bending, tension and compression	8
6.2.1 General.....	8
6.2.2 Strength.....	8
6.2.3 Modulus of elasticity.....	9
6.3 Shear properties.....	11
6.4 Characteristic density and mean density	11
7 Material property values to be used for the structural design according to EN 1995-1-1	12
7.1 General.....	12
7.2 Additional supplementary material properties for Eurocode 5 (EN 1995-1-1, EN 1995-1-2, EN 1995-2)	13
7.2.1 Mean density (ρ_{mean}) and characteristic density (ρ_k).....	13
7.2.2 Characteristic modulus of elasticity and rigidity values	14
7.2.3 Compressive strength ($f_{c,\text{flat},k}$) bearing and compressive and tensile stiffness ($E_{ct,\text{flat},\text{mean}}$ and $E_{ct,\text{flat},k}$), out of plane	14
7.2.4 Tensile strength ($f_{t,\text{flat},k}$) perpendicular to the face of the panel, out of plane.....	14
7.2.5 Bending strength ($f_{m,0,\text{edge},k}$ and $f_{m,90,\text{edge},k}$) in edgewise loading in plane	15
Annex A (informative) Format for the presentation of characteristic values.....	16
Annex B (informative) Information about the conversion factors	18
Bibliography	20