

Liimpuitkilbid (SWP). Nõuded

Solid wood panels (SWP) - Requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13353:2008+A1:2011 sisaldab Euroopa standardi EN 13353:2008+A1:2011 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 31.05.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 04.05.2011.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13353:2008+A1:2011 consists of the English text of the European standard EN 13353:2008+A1:2011.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 31.05.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 04.05.2011.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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English Version

Solid wood panels (SWP) - Requirements

Bois panneaux (SWP) - Exigences

Massivholzplatten (SWP) - Anforderungen

This European Standard was approved by CEN on 18 October 2008 and includes Amendment 1 approved by CEN on 9 March 2011.

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Foreword

This document (EN 13353:2008+A1:2011) 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of an identical text or by endorsement, at the latest by November 2011, and conflicting national standards shall be withdrawn at the latest by November 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 9 March 2011.

This document supersedes A1 EN 13353:2008 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

Compared to EN 13353:2003 the following changes have been made:

- a) classification introduced according to non-structural use, structural use and declared values;
- b) information on moisture content of chemically or thermally treated wood added in 4.2;
- c) relationship between shear strength and wood failure percentage in introduced in 4.3.3;
- d) provisions for adhesives other than thermosetting for structural applications added in 4.3.4;
- e) different requirements for single and multi layer solid wood panels for structural applications specified in 4.5.2;
- f) footnote regarding alternative test methods for the determination of the bonding quality added in Table 5.

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1 Scope

This European Standard specifies requirements for solid wood panels as defined in EN 12775 ^{A1} with a maximum thickness of 80 mm ^{A1} for use in dry, humid and exterior conditions as defined in service classes 1, 2 and 3 of EN 1995-1-1.

Additional information on supplementary properties for certain applications is also given.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 301:2006, *Adhesives, phenolic and aminoplastic, for load-bearing timber structures — Classification and performance requirements*

EN 310, *Wood-based panels — Determination of modulus of elasticity in bending and of bending strength*

EN 318, *Wood-based panels — Determination of dimensional changes associated with changes in relative humidity*

EN 322, *Wood-based panels — Determination of moisture content*

EN 323, *Wood-based panels — Determination of density*

EN 324-1, *Wood-based panels — Determination of dimensions of boards — Part 1: Determination of thickness, width and length*

EN 324-2, *Wood-based panels — Determination of dimensions of boards — Part 2: Determination of squareness and edge straightness*

EN 326-1, *Wood-based panels — Sampling, cutting and inspection — Part 1: Sampling and cutting of test pieces and expression of test results*

EN 326-2, *Wood-based panels — Sampling, cutting and inspection — Part 2: Quality control in the factory*

EN 335-2, *Durability of wood and wood-based products — Definition of use classes — Part 2: Application to solid wood*

EN 594, *Timber structures — Test methods — Racking strength and stiffness of timber frame wall panels*

EN 596, *Timber structures — Test methods — Soft body impact test of timber framed walls*

CEN/TS 635-4, *Plywood — Classification by surface appearance — Part 4: Parameters of ability for finishing, guideline*

EN 717-2, *Wood-based panels — Determination of formaldehyde release — Part 2: Formaldehyde release by the gas analysis method*

EN 789, *Timber structures — Test methods — Determination of mechanical properties of wood-based panels*

EN 1058, *Wood-based panels — Determination of characteristic values of mechanical properties and density*

ENV 1156, *Wood-based panels — Determination of duration of load and creep factors*

EN 1195, *Timber structures — Test methods — Performance of structural floor decking*