This is a free page sample. Access the full version online.

NSAI Standards

Irish Standard
I.S. EN 13354:2009

Solid wood panels (SWP) - Bonding quality - Test method

© NSAI 2009 No copying without NSAI permission except as permitted by copyright law.

This is a free page sample. Access the full version online.

I.S. EN 13354:2009

Incorporating amendments/corrigenda issued since publication:

This document replaces:	*This document is based on:*	*Published:*
S.R CEN/TS 13354:2003	EN 13354:2008 CEN/TS 13354:2003	12 September, 2003

This document was published under the authority of the NSAI and comes into effect on: 6 February, 2009	ICS number: 79.060.99

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Price Code:
E

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

I.S. EN 13354:2009

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 13354

November 2008

ICS 79.060.99

Supersedes CEN/TS 13354:2003

English Version

Solid wood panels (SWP) - Bonding quality - Test method

Bois panneautés (SWP) - Qualité du collage - Méthode d'essai

Massivholzplatten (SWP) - Qualität der Verklebung - Prüfverfahren

This European Standard was approved by CEN on 18 October 2008.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, 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

© 2008 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 13354:2008: E

This is a free page sample. Access the full version online.

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Principle 4

4 Test pieces 5
4.1 Sampling 5
4.2 Form and dimensions of test pieces 6

5 Apparatus 7

6 Pre-treatment of test pieces 8
6.1 General 8
6.2 Type and duration of pre-treatment 8

7 Testing procedure 9

8 Calculation and expression of results 9

9 Test report 10

This is a free page sample. Access the full version online.

Foreword

This document (EN 13354:2008) 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 May 2009, and conflicting national standards shall be withdrawn at the latest by May 2009.

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 supersedes CEN/TS 13354:2003.

Compared to CEN/TS 13354:2003 the following changes have been made:

a) deliverability changed from CEN/TS to EN;

b) vacuum impregnation in 6.1 deleted.

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

This is a free page sample. Access the full version online.

1 Scope

This European Standard specifies a test method for determining the bonding quality of single-layer and multi-layer solid wood panels by a shear test.

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 314-1, *Plywood — Bonding quality — Part 1: Test methods*

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

EN 1995-1-1, *Eurocode 5 — Design of timber structures — Part 1-1: General — Common rules and rules for buildings*

EN 13353, *Solid wood panels (SWP) — Requirements*

3 Principle

Test pieces of single and multi-layer solid wood panels are subjected to a pre-treatment, according to the service class as defined in EN 1995-1-1, and then strained to failure by a compressive shear force. The shear strength is calculated and the cohesive wood failure of the shear area is determined.

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation