

Liimid. Jäik jäigal ülestikku liimühendusel nihketugevuse määramine tõmbel

Adhesives - Determination of tensile lap-shear strength
of rigid-to-rigid bonded assemblies

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1465:2009 sisaldab Euroopa standardi EN 1465:2009 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 27.03.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 11.02.2009.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 1465:2009 consists of the English text of the European standard EN 1465:2009.

This standard is ratified with the order of Estonian Centre for Standardisation dated 27.03.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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English Version

Adhesives - Determination of tensile lap-shear strength of bonded assemblies

Adhésifs - Détermination de la résistance au cisaillement en traction d'assemblages collés à recouvrement simple

Klebstoffe - Bestimmung der Zugscherfestigkeit von Überlappungsklebungen

This European Standard was approved by CEN on 27 December 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.

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Contents

Page

Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Principle.....	5
4 Apparatus	5
5 Specimens	6
6 Conditioning and testing atmosphere.....	6
7 Procedure	6
8 Expression of results	7
9 Test report	7
Bibliography	9

Foreword

This document (EN 1465:2009) has been prepared by Technical Committee CEN/TC 193 “Adhesives”, the secretariat of which is held by AENOR.

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of an identical text or by endorsement, at the latest by August 2009, and conflicting national standards shall be withdrawn at the latest by August 2009.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 EN 1465:1994.

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Introduction

Safety statement

Persons using this document should be familiar with the normal laboratory practice, if applicable. This document does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any regulatory conditions.

ENVIRONMENTAL STATEMENT — It is understood that some of the material permitted in this standard may have negative environmental impact. As technological advantages lead to acceptable alternatives for these materials, they will be eliminated from this standard to the extent possible.

At the end of the test, the user of the standard shall take care to carry out an appropriate disposal of the wastes, according to local regulation.

1 Scope

This European Standard specifies a method for determining the tensile lap-shear strength of bonded assemblies when tested on a standard specimen and under specified conditions of preparation and testing.

NOTE 1 This test procedure is not applicable for calculations needed for bond design in structural joints.

NOTE 2 This test Test methods for the determination of tensile lap-shear strength of bonded assemblies with wood adhesives are also specified in EN 205 and EN 302-1

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 13887, *Structural Adhesives - Guidelines for surface preparation of metals and plastics prior to adhesive bonding*

EN ISO 291, *Plastics - Standard atmospheres for conditioning and testing (ISO 291:2005)*

EN ISO 527-1, *Plastics - Determination of tensile properties - Part 1: General principles (ISO 527-1:1993 including Corr 1:1994)*

EN ISO 10365, *Adhesives - Designation of main failure patterns (ISO 10365:1992)*