

STN	Lepidlá na useň a obuvnícke materiály. Lepené spoje podošva-zvršok. Minimálne požiadavky na pevnosť.	STN EN 15307 66 8702
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Adhesives for leather and footwear materials - Sole-upper bonds - Minimum strength requirements

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/15

Obsahuje: EN 15307:2014

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2015
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

English Version

Adhesives for leather and footwear materials - Sole-upper bonds - Minimum strength requirements

Colles pour cuir et matériaux de la chaussure - Collages
tige-semelle - Exigences minimales en matière de
résistance

Klebstoffe für Leder und Schuhwerkstoffe - Sohlen-
Obermaterial-Klebungen - Mindestanforderungen

This European Standard was approved by CEN on 23 November 2014.

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.

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

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Contents

	Page
Foreword.....	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Principle.....	5
5 Minimum strength requirements.....	6
5.1 Classification.....	6
5.2 Specifications.....	6
5.2.1 Peel resistance after 4 d at (23 ± 2) °C.....	6
5.2.2 Initial peel resistance at (23 ± 2) ° C.....	6
5.2.3 Creep resistance under constant load at (50 ± 2) °C.....	6
5.2.4 Ageing test	6
6 Test methods.....	7
6.1 Types of tests.....	7
6.1.1 Peel tests at (23 ± 2) °C	7
6.1.2 Peel test at (50 ± 2) °C for 10 min at a constant load of 1,5 kg ("creep test").....	7
6.1.3 Ageing test	7
6.2 Material identification.....	7
6.3 Adhesive identification	7
6.4 Preparation of test pieces	7
6.5 Storage of test pieces	7
6.6 Procedures and evaluation.....	7
7 Test report	8
Annex A (informative) Reference test adhesives and reference test materials.....	9

Foreword

This document (EN 15307:2014) 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 June 2015, and conflicting national standards shall be withdrawn at the latest by June 2015.

This document supersedes EN 15307:2007.

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.

With respect to the previous version of EN 15307, the following main changes have been made:

1. In order to clarify, the test in 5.2.1 has been reworded as follows:

“The peel resistance after 4 d storage in the standard atmosphere 23/50 according to ISO 554 shall be for sole-upper bonds of:

Class A: at least 2,5 N/mm;

Class B: at least 3,0 N/mm, or at least 2,5 N/mm with material failure;

Class C: at least 4,0 N/m or at least 3,0 N/mm with material failure;

Class D: at least 5,0 N/mm or at least 3,5 N/mm with material failure.

Definition of “material failure” is included in EN ISO 10365.”

2. In order to clarify 5.2.3, the sentence “(separation distance of the bonding)” has been added before the comma.

3. In order to clarify, the test in 6.5 has been reworded as follows:

“Before starting peel tests specified in 6.1 store the test pieces in the standard atmosphere of 23/50 according to ISO 554 for 4 d in case of test described in (5.2.1), for 2 min in case of test described in (5.2.2) and before warming up to (50 ± 2) °C for 6 d in case of test described in (5.2.3).”

4. In Annex A, the full name of the abbreviations NBR, SBR, SBSR and PVC have been added between parentheses in the test.

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 should take care to carry out an appropriate disposal of the wastes, according to local regulation.

EN 15307:2014 (E)

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, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard defines for four main types of footwear minimum strength requirements for their sole-upper bonds produced with solvent-based or dispersion adhesives under specified conditions.

2 Normative references

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

EN 923:2005+A1:2008, *Adhesives - Terms and definitions*

EN 1392, *Adhesives for leather and footwear materials-Solvent-based and dispersion adhesives-Testing of bond strength under specified conditions*

EN 15062, *Adhesives for leather and footwear materials - Solvent-based and dispersion adhesives - Testing ageing of bonds under specified conditions*

EN ISO 868, *Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness) (ISO 868)*

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

EN ISO 19952:2005, *Footwear - Vocabulary (ISO 19952:2005)*

ISO 554, *Standard atmospheres for conditioning and/or testing - Specifications*

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