



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 15307:2007

ICS 83.180

**ADHESIVES FOR LEATHER AND FOOTWEAR
MATERIALS - SOLE-UPPER BONDS
- MINIMUM STRENGTH REQUIREMENTS**

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*This Irish Standard was
published under the authority
of the National Standards
Authority of Ireland and
comes into effect on:
28 June 2007*

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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 an die
Festigkeit

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Contents

Page

Foreword.....3

1 Scope4

2 Normative references4

3 Terms and definitions4

4 Principle.....5

5 Minimum strength requirements.....5

5.1 Specifications.....5

5.1.1 General.....5

5.1.2 Peel resistance after 4 d. at (23 ± 2) ° C.....5

5.1.3 Initial peel resistance at (23 ± 2) ° C.....5

5.1.4 Peel resistance under constant load at (50 ± 2) ° C5

5.1.5 Ageing test5

6 Test methods.....6

6.1 Types of tests.....6

6.2 Material identification.....6

6.3 Adhesive identification6

6.4 Preparation of test pieces6

6.5 Storage of test pieces6

6.6 Procedures and evaluation.....6

7 Test report7

Annex A (informative) Reference test adhesives and reference test materials.....8

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Foreword

This document (EN 15307:2007) 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of an identical text or by endorsement, at the latest by November 2007, and conflicting national standards shall be withdrawn at the latest by November 2007.

This document supersedes EN 1391:1998 and EN 522:1998.

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 United Kingdom.

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.

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 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 923:2005, *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 868:2003)*

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

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

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

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 923:2005 and EN ISO 19952:2005 and the following apply.

3.1

leather

tanned animal skin, usually free of hair

3.2

footwear materials

natural and synthetic materials which are suitable for footwear manufacture or repair and have adequate wear properties as upper or sole materials

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