



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 15062:2006

ICS 83.180

**ADHESIVES FOR LEATHER AND FOOTWEAR
MATERIALS - SOLVENT-BASED AND
DISPERSION ADHESIVES - TESTING AGEING
OF BONDS UNDER SPECIFIED CONDITIONS**

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English Version

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

Adhésifs pour cuir et matériaux de la chaussure - Adhésifs
à base de solvant et en dispersion - Essai de vieillissement
des collages dans des conditions spécifiées

Klebstoffe für Leder und Schuhwerkstoffe - Lösemittel- und
Dispersionsklebstoffe - Prüfung der Alterung von
Klebungen unter festgelegten Bedingungen

This European Standard was approved by CEN on 23 March 2006.

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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 Central Secretariat has the same status as the official versions.

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Foreword

This document (EN 15062:2006) 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of an identical text or by endorsement, at the latest by November 2006, and conflicting national standards shall be withdrawn at the latest by November 2006.

This document, together with EN 1392:2006, supersedes EN 1392:1998.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard Austria, Belgium, 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.

EN 15062:2006 (E)

Introduction

The performance of adhesive bonds in footwear may deteriorate in storage or in wear. Such deterioration may be caused or influenced either by internal factors like specific material properties (e.g. water absorption) and/or material constituents (e.g. plasticizers) and/or external factors like heat, moisture, oil or aggressive liquids.

Therefore one single standard cannot cover all the various detrimental influences met in practice. This standard describes laboratory test methods applying specified ageing conditions to simulate and to assess the deterioration of adhesive bonds which may occur as part of usual footwear worn and stored in normal practice by natural ageing.

For adhesive bonds which are parts of footwear intended to be exposed e.g. to extreme external ageing conditions (e.g. shoes for specific work, sport shoes) specific tests have to be worked out and agreed taking into account the conditions given.

For the determination of a deterioration of adhesive bonds caused by ageing in this standard the peel resistance measured according to EN 1392 is used. For a more comprehensive evaluation of ageing effects found, e.g. in research or development work, another test like the creep test may be additionally applied.

Safety statement

Persons using this document should be familiar with the normal laboratory practice, in principle. 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.

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