

PD CEN/TR 15990:2010
Incorporating corrigendum November 2010



BSI Standards Publication

Data Sheets — Footwear Tests Materials and Test Adhesives

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National foreword

This Published Document is the UK implementation of CEN/TR 15990:2010, incorporating corrigendum November 2010.

The start and finish of text introduced or altered by CEN corrigendum November 2010 is indicated in the text by tags AC1 AC1.

The UK participation in its preparation was entrusted to Technical Committee PRI/52, Adhesives.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

Data Sheets - Footwear Tests Materials and Test Adhesives

Fiches techniques - Matériaux et colles pour essais des
articles chaussants

Datenblätter - Schuh-Testwerkstoffe und Schuh-
Testklebstoffe

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Foreword

This document (CEN/TR 15990:2010) has been prepared by Technical Committee CEN/TC 193 “Adhesives”, the secretariat of which is held by AENOR.

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.

Introduction

For testing adhesive bonds some important European Standards have been developed by CEN/TC 193/Working Group 5 "Adhesives for Leather and Footwear" in close cooperation with European Shoe Institutes and the "Association of European Adhesive and Sealant Manufacturers (FEICA)":

EN 1392:2006, *Adhesives for leather and footwear materials — Solvent-based and dispersion adhesives — Testing of bond strength under specified conditions*

EN 15062:2006, *Adhesives for leather and footwear materials — Solvent-based and dispersion adhesives — Testing ageing of bonds under specified conditions*

EN 15307:2007, *Adhesives for leather and footwear materials — Sole-upper bonds — Minimum strength requirement*

These European Standards intend to serve:

- the manufactures of shoe materials for testing the bondability of their products;
- the adhesive manufactures to determine the bond properties of their adhesives;
- the shoe industry to test the suitability of the materials and/or adhesives before applying in their production line and for quality control.

In the footwear industry a large number of different solvent or dispersion adhesives are applied for sole-upper bonding offering a broad range of technical effects. The most important and most often adhesives used are based on polyurethane and polychloroprene. For research, development and quality certification purposes some simply formulated 1- and 2-part "reference test adhesives" have been developed which can be considered as typical adhesives of these types. In footwear manufacture also a great number of the different sole and upper materials are used. From the most important and most often applied some materials have been selected as "reference test materials".

The annexed data sheets offer for each of these reference test adhesives and reference test materials some information and specify some properties. CEN/TC193 Working Group 5 takes care for a continuous updating of these data sheets. For further information on a reference test adhesive or a reference test material (e.g. on availability and supply) please contact the European Shoe Institute mentioned in its data sheet:

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