



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 12785:2000

ICS 61.060

National Standards
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**FOOTWEAR - TEST METHODS FOR WHOLE
SHOE - HEEL ATTACHMENT**

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English version

Footwear - Test methods for whole shoe - Heel attachment

Chaussures - Méthodes d'essai applicables à la chaussure
entière - Fixation du talon

Schuhe - Prüfverfahren für den ganzen Schuh -
Absatzbefestigung

This European Standard was approved by CEN on 1 January 2000.

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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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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 309 "Footwear", 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of an identical text or by endorsement, at the latest by August 2000, and conflicting national standards shall be withdrawn at the latest by August 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard specifies a method for the determination of the heel attachment of footwear. It applies to woman's medium and high heeled footwear.

This test method measures three related wear properties:

- the rigidity of the shoe backpart during normal walking
- the amount of permanent deformation of the backpart caused by a fairly large force applied to the heel in a backward direction
- the force required to detach the heel.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to, or revisions of, any of these publications apply to this European Standard only when incorporated into it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 10002-2 *Metallic materials – Tensile testing – Part 2: Verification of the force measuring system of the tensile testing machines.*

EN 12222 *Footwear – Standard atmospheres for conditioning and testing of footwear and components for footwear.*

3 Definitions

For the purposes of this standard the following definitions apply:

3.1

heel attachment strength

the maximum force in newtons measured under these testing condition required to detach the heel from the sole/insole assembly

3.2

rigidity

back part deformation measured under these test conditions under a force of 200 N

3.3

permanent deformation

the permanent set of the backpart measured under these test conditions at a force of 400 N

4 Apparatus and material

The following apparatus and material shall be used:

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