



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 13845:2005

**Resilient floor coverings - Polyvinyl
chloride floor coverings with particle
based enhanced slip resistance -
Specification**

Elastische Bodenbeläge -
Polyvinylchlorid-Bodenbeläge mit
partikelbasiertem erhöhten
Gleitwiderstand - Spezifikation

Revêtements de sol résilients -
Revêtements de sol en chlorure de
polyvinyle à résistance accrue au
glissement - Spécification

08/2005



National Foreword

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This European Standard was approved by CEN on 27 June 2005.

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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
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard (EN 13845:2005) has been prepared by Technical Committee CEN/TC 134 “Resilient, textile and laminate floor coverings”, the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by February 2006, and conflicting national standards shall be withdrawn at the latest by February 2006.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Introduction

The ramp test is a means of assessing the slipperiness of floors under wet conditions. Ramps of different designs exist and CEN/TC 134 therefore decided not to standardise on a ramp design. The aim of this European Standard is to establish and standardise the principle of testing and specify the parameters to be followed when designing a ramp device and when testing with it.

1 Scope

This European Standard specifies the characteristics of floor coverings with sustainable enhanced slip resistant characteristics under specified conditions based on polyvinyl chloride and modifications thereof, supplied in either tile or roll form.

To encourage the consumer to make an informed choice, this European Standard includes a classification system (see EN 685) based on intensity of use, which shows where resilient floor coverings should give satisfactory service.

In addition, this European Standard details the requirements for the information to be included on the packaging labels.

The slip measurements are made in a laboratory on ex-factory floor covering surfaces only. The method described is suitable for testing on wet surfaces.

2 Normative references

The following referenced documents are indispensable for the application of this European Standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 425, *Resilient and laminate floor coverings — Castor chair test*

EN 426, *Resilient floor coverings — Determination of width, length, straightness and flatness of sheet material*

EN 427, *Resilient floor coverings — Determination of the side length, squareness and straightness of tiles*

EN 428:1993, *Resilient floor coverings — Determination of overall thickness*

EN 430:1994, *Resilient floor coverings — Determination of mass per unit area*

EN 433:1994, *Resilient floor coverings — Determination of residual indentation after static loading*

EN 434, *Resilient floor coverings — Determination of dimensional stability and curling after exposure to heat*

EN 435:1994, *Resilient floor coverings — Determination of flexibility*

EN 660-2, *Resilient floor coverings — Determination of wear resistance — Frick-Taber test*

EN 684, *Resilient floor coverings — Determination of seam strength*

EN 685, *Resilient, textile and laminate floor coverings - Classification*

EN 12466:1998, *Resilient floor coverings — Vocabulary*

ISO 105-B02:1994, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*