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STANDARD

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ICS 83.180

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**ADHESIVES FOR FLOOR COVERINGS -
REQUIREMENTS FOR MECHANICAL AND
ELECTRICAL PERFORMANCE**

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English version

**Adhesives for floor coverings - Requirements for mechanical
and electrical performance**

Adhésifs pour revêtements du sol - Spécifications

Klebstoffe für Bodenbeläge - Anforderungen an das
mechanische und elektrische Verhalten

This European Standard was approved by CEN on 1 October 2003.

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Foreword

This document EN 14259:2003 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of an identical text or by endorsement, at the latest by June 2004, and conflicting national standards shall be withdrawn at the latest by June 2004.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

Some floor coverings are installed on a sub floor with an adhesive. Producers of both floor coverings and adhesives need to evaluate specific combinations to ensure that they are mutually compatible. It is also important when developing adhesives to ensure that they are suitable for use with one, or a group of floor coverings. Those involved with these products and their installation also need to agree whether a particular combination of an adhesive with a group of floor coverings is capable of giving satisfactory performance during application and in use. Therefore they need a common and accepted guideline of performance for the products when tested together.

1 Scope

This European Standard specifies performance requirements of an adhesive when tested to a standard method with a characteristic type of floor covering. The values defined in this standard are considered to indicate a general suitability for use of an adhesive with the corresponding group of floor coverings. This standard can also be used for the evaluation of a particular floor covering with the corresponding type of adhesive. This standard does not contain criteria or recommendations for the practical installation of floor coverings. The values given in this standard also do not guarantee the complete functionality of combinations of adhesives and floor coverings in practical application.

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 in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 548, *Resilient floor coverings — Specification for plain and decorative linoleum.*

EN 649, *Resilient floor coverings — Homogeneous and heterogeneous polyvinyl chloride floor coverings — Specification.*

EN 923, *Adhesives — Terms and definitions.*

EN 1307, *Textile floor coverings - Classification of pile carpets.*

EN 1372, *Adhesives — Test method for adhesives for floor and wall coverings — Peel test.*

EN 1373, *Adhesives - Test method for adhesives for floor and wall coverings - Shear test.*

EN 1470, *Textile floor coverings — Classification of needled floor coverings except for needled pile floor coverings.*

EN 1817, *Resilient floor coverings — Specification for homogeneous and heterogeneous smooth rubber floor coverings.*

EN 1841, *Adhesives — Test methods for adhesives for floor coverings and wall coverings — Determination of dimensional changes of a linoleum floor covering in contact with an adhesive.*

EN 1903, *Adhesives — Test method for adhesives for plastic or rubber floor coverings or wall coverings — Determination of dimensional changes after accelerated ageing.*

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