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Textile floor coverings — Installation practices — General

Revêtements de sol textiles — Pratiques d'installation — Généralités

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee 219, *Floor coverings*.

This first edition of ISO 18167 cancels and replaces ISO/PAS 18167:2014, which has been technically revised.

The main changes compared to the previous edition are as follows:

— update of methods and standards referenced in Annex E.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

The objective of this document is to provide the contractors, manufacturers, suppliers, and purchasers of textile floor coverings and others, for example technical educators, with procedures to enable the provision of correctly installed textile floor coverings.

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Textile floor coverings — Installation practices — General

1 Scope

This document sets out the requirements for installing textile floor coverings (carpets). It gives details of the work necessary in preparing subfloor surfaces together with the procedures that are to be adopted where textile floor coverings are laid over various types of subfloors and underlays and where subfloor heating units are installed.

NOTE This document addresses needle insertion tufted, woven, fusion bonded, fibre bonded, knitted, non-woven, felted, and flocked textile floor coverings.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 139, *Textiles — Standard atmospheres for conditioning and testing*

ISO 1765, *Machine-made textile floor coverings — Determination of thickness*

ISO 1957, *Machine-made textile floor coverings — Selection and cutting of specimens for physical tests*

ISO 2094, *Textile floor coverings — Determination of thickness loss under dynamic loading*

ISO 2424, *Textile floor coverings — Vocabulary*

ISO 3415, *Textile floor coverings — Determination of thickness loss after brief, moderate static loading*

ISO 9073-3, *Textiles — Test methods for nonwovens — Part 3: Determination of tensile strength and elongation*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 2424 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

3.1
adhesive
substance that dries to a film capable of holding materials together by surface attachment

Note 1 to entry: Applying adhesive to the floor is normally accomplished with a *trowel* (3.17), airless spray, or roller

3.2
contractor
firm or person authorized by the *purchaser* (3.9) to carry out the laying of the textile floor covering

3.3
crotch
junction of the lower edge of the riser with the rearmost edge of the stair tread

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