

Coverings - Determination of fire protection ability

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English version

Coverings - Determination of fire protection ability

Revêtements - Détermination de la capacité de protection
contre l'incendie

Brandschutzbekleidungen - Bestimmung der
Brandschutzwirkung

This European Standard was approved by CEN on 10 December 2003.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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.

CEN members are the national standards bodies of 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.



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 document (EN 14135:2004) has been prepared by Technical Committee CEN/TC 127 "Fire safety in buildings", 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of an identical text or by endorsement, at the latest by February 2005, and conflicting national standards shall be withdrawn at the latest by February 2005.

This European Standard has been prepared under a Mandate given to CEN by the Commission of the European Communities and the European Free Trade Association, and supports essential requirements of the Construction Products Directive.

Safety warning

The attention of all persons concerned with managing and carrying out this test is drawn to the fact that fire testing may be hazardous and that there is a possibility that toxic and/or harmful smoke and gases may be evolved during the test. Operational hazards may also arise during the testing of specimens and the disposal of test residues.

An assessment of all potential hazards and risks to health should be made and safety precautions should be identified and provided. Written safety instructions should be issued. Appropriate training should be given to relevant personnel. Laboratory personnel should ensure that they follow written safety instructions at all times.

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.

1 Scope

This document specifies a method for determining the ability of a covering to protect underlying products against damage during a specified fire exposure.

2 Normative references

The following referenced documents are indispensable for the application 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.

EN 1363-1:1999, *Fire resistance tests — Part 1: General requirements*.

EN ISO 13943:2000, *Fire safety — Vocabulary (ISO 13943:2000)*.

3 Terms and definitions

For the purposes of this document the terms and definitions given in EN 1363-1:1999, EN ISO 13943:2000 and the following apply.

3.1

covering

product which is intended to protect underlying products against damage during a specified fire exposure

3.2

product

material, element or component about which information is required

3.3

material

basic single substance or a uniformly dispersed mixture of substances, e.g. metal, stone, timber, concrete, mineral wool with dispersed binder, polymers

3.4

damaged material

material which has been burnt, charred, melted, shrunk or otherwise visually changed. Discoloration and soot deposits are not regarded as damage

3.5

burnt material

material which has been destroyed by combustion or pyrolysis

3.6

charred material

material which has formed carbonaceous residue resulting from pyrolysis or combustion

3.7

melted material

material which has melted under the influence of heat

3.8

shrunk material

material which has become smaller in size