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süttivustundlikkus kokkupuutel otsese leegiga. Osa 2:
Väikese leegi katse**

**Reaction to fire tests - Ignitability of products subjected
to direct impingement of flame - Part 2: Single-flame
source test**

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NATIONAL FOREWORD

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English Version

Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test (ISO 11925-2:2010)

Essais de réaction au feu - Allumabilité de produits soumis à l'incidence directe de la flamme - Partie 2: Essai à l'aide d'une source à flamme unique (ISO 11925-2:2010)

Prüfungen zum Brandverhalten - Entzündbarkeit von Produkten bei direkter Flammeneinwirkung - Teil 2: Einzel-Flammentest (ISO 11925-2:2010)

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Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN ISO 11925-2:2010) has been prepared by Technical Committee ISO/TC 92 "Fire safety" in collaboration with 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of an identical text or by endorsement, at the latest by May 2011, and conflicting national standards shall be withdrawn at the latest by May 2011.

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Endorsement notice

The text of ISO 11925-2:2010 has been approved by CEN as a EN ISO 11925-2:2010 without any modification.

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Introduction

This fire test method has been developed to define reaction to the fire performance of products. The method specifies a test for determining the ignitability of products by direct small-flame impingement under zero impressed irradiance using vertically oriented test specimens.

Although the method is designed to assess ignitability, this is addressed by measuring the spread of a small flame up the vertical surface of a specimen following application of a small (match-sized) flame to either the surface or edge of a specimen for either 15 s or 30 s. The determination of the production of flaming droplets depends on whether or not the filter paper placed beneath the specimen ignites.

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Reaction to fire tests — Ignitability of products subjected to direct impingement of flame —

Part 2: Single-flame source test

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

Adequate means of extinguishing the specimen should be provided, bearing in mind that some specimens can produce severe flaming during the test. A hand water spray or an inert gas suppression system, e.g. compressed nitrogen, which can be directed to the burning area, should be available together with other means, such as fire extinguishers.

In some cases, smouldering can be difficult to extinguish completely and immersion in water can be necessary.

1 Scope

This part of ISO 11925 specifies a method of test for determining the ignitability of products by direct small flame impingement under zero impressed irradiance using vertically oriented test specimens.

Information on the precision of the test method is given in Annex A.

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 13238, *Reaction to fire tests for building products — Conditioning procedures and general rules for selection of substrates*

ISO 13943, *Fire safety — Vocabulary*

ISO 14697, *Reaction-to-fire tests — Guidance on the choice of substrates for building and transport products*