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**GUIDANCE ON DIRECT AND EXTENDED  
APPLICATION**

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**CEN/TS 15117**

August 2005

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English Version

## Guidance on direct and extended application

Guide pour l'établissement des applications directes et des applications étendues

Leitfaden zum direkten und erweiterten Anwendungsbereich zum Brandverhalten von Bauprodukten

This Technical Specification (CEN/TS) was approved by CEN on 3 April 2005 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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## **Foreword**

This Technical Specification (CEN/TS 15117:2005) has been prepared by Technical Committee CEN/TC 127 “Fire safety in buildings”, the secretariat of which is held by BSI.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this CEN Technical Specification: 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.

## CEN/TS 15117:2005 (E)

### 1 Scope

This Technical Specification gives guidance for the direct and extended application instructions, in order to fulfil the instructions from the EU Commission to evaluate the reaction to fire performance of products as placed on the market and of its end-use application(s), where relevant.

### 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.*

EN 13501(all parts), *Fire classification of construction products and building elements.*

EN 13823, *Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item.*

EN ISO 1182, *Reaction to fire tests for building products – Non-combustibility test (ISO 1182:2002).*

EN ISO 1716, *Reaction to fire tests for building products – Determination of the heat of combustion (ISO 1716:2002).*

EN ISO 9239-1, *Reaction to fire tests for floorings – Part 1: Determination of the burning behaviour using a radiant heat source (ISO 9239-1:2002).*

EN ISO 11925-2, *Reaction to fire tests - Ignitability of building products subjected to direct impingement of flame - Part 2: Single-flame source test (ISO 11925-2:2002).*

### 3 Terms and definitions

For the purposes of this Technical Specification, the following terms and definitions apply.

#### 3.1

##### **test result**

outcome of a testing process and its associated procedures detailed within a specific test standard (which may include some processing of the results from the testing of a number of specimens). A test result is expressed in terms of one or more fire performance parameter(s)

#### 3.2

##### **direct field of application of test results**

outcome of a process (involving the application of defined rules) whereby a test result is deemed to be equally valid for variations in one or more of the product properties and/or intended end use applications

#### 3.3

##### **extended field of application of test results**

outcome of a process (involving the application of defined rules that may incorporate calculation procedures) that predicts, for a variation of a product property and/or its intended end use application(s), a test result on the basis of one or more test results to the same test standard

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