

**Plastics piping systems - Systems within the building structure - Mounting and fixing of components in the test apparatus to thermal attack by a single burning item**

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 16000:2010 sisaldab Euroopa standardi EN 16000:2010 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.08.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 26.05.2010.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 16000:2010 consists of the English text of the European standard EN 16000:2010.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.08.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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The standard is available from Estonian standardisation organisation.

ICS 13.220.50, 23.040.20

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English Version

**Plastics piping systems - Systems within the building structure -  
Mounting and fixing of components in the test apparatus to  
thermal attack by a single burning item**

Systèmes de canalisations en plastique - Systèmes à  
l'intérieur de la structure des bâtiments - Montage et  
fixation des composants dans l'appareillage d'essai à une  
solicitation thermique provoquée par un objet isolé en feu

Kunststoff-Rohrleitungssysteme - Systeme innerhalb der  
Gebäudestruktur - Montage und Befestigung von Bauteilen  
im Prüfgerät für thermische Beanspruchung durch einen  
einzelnen brennenden Gegenstand

This European Standard was approved by CEN on 23 April 2010.

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COMITÉ EUROPÉEN DE NORMALISATION  
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## Foreword

This document (EN 16000:2010) has been prepared by Technical Committee CEN/TC 155 “Plastics piping systems and ducting systems”, the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by November 2010, and conflicting national standards shall be withdrawn at the latest by November 2010.

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## 1 Scope

This European Standard specifies the mounting and fixing of components in the test apparatus to thermal attack by a single burning item (SBI) according to EN 13823.

This document is applicable to non-pressure plastics pipes, fittings and their joints intended for soil and waste applications:

- inside the building (application area code "B");
- buried in ground within the building structure (application area code "BD") and with a diameter greater than or equal to 75 mm.

It is also applicable to pressure plastics pipes, fittings and their joints within the building structure:

- intended for water for general purposes, drainage, sewerage, as well as for any other pressure application with other fluids covered by the Construction Products Directive;
- hot and cold water installations for the conveyance of water and for heating systems.

## 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 13823:2002, *Reaction to fire tests for building products — Building products excluding floorings exposed to the thermal attack by a single burning item*

## 3 Mounting and fixing of components

Mounting and fixing of components in the test apparatus according to EN 13823:2002 shall conform to Figure 1 and Figure 2.

If no pipes are available, testing of fittings may be done in form of a linear assembly, e.g. couplers.

NOTE In case where e.g. the given dimensions do not exist the choice of dimensions and the mounting and fixing should be agreed between the manufacturer and the laboratory.