SLOVENSKI STANDARD
oSIST prEN 1364-1:2025

01-julij-2025

Preskusi požarne odpornosti nenosilnih elementov - 1. del: Stene

Fire resistance tests for non-loadbearing elements - Part 1: Walls

Feuerwiderstandsprüfungen für nichttragende Bauteile - Teil 1: Wände

Essais de résistance au feu des éléments non porteurs - Partie 1: Murs

Ta slovenski standard je istoveten z: **prEN 1364-1**

ICS:

13.220.50	Požarna odpornost gradbenih materialov in elementov	Fire-resistance of building materials and elements
91.060.10	Stene. Predelne stene. Fasade	Walls. Partitions. Facades

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EUROPEAN STANDARD

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ICS 91.060.10

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English Version

Fire resistance tests for non-loadbearing elements - Part 1: Walls

Essais de résistance au feu des éléments non porteurs - Partie 1 : Murs

Feuerwiderstandsprüfungen für nichttragende Bauteile - Teil 1: Wände

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 127.

If this draft becomes a European Standard, 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (prEN 1364-1:2025) has been prepared by Technical Committee CEN/TC 127 "Fire safety in buildings", the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 1364-1:2015.

prEN 1364-1:2025 includes the following significant technical changes with respect to EN 1364-1:2015:

a) Definitions updated and added;

b) Design with board / panels and joints defined, figures added;

c) Direct field of application (DIAP)for glazed constructions (Annex A) updated based on rules given in EN 15254-4.

The EN 1364 series, *Fire resistance tests for non-loadbearing elements* consists of the following parts:

— *Part 1: Walls;*

— *Part 2: Ceilings;*

— *Part 3: Curtain walling - Full configuration (complete assembly);*

— *Part 4: Curtain walling - Part configuration;*

— *Part 5: Air transfer grilles.*

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Introduction

The purpose of this test is to measure the ability of a representative test specimen of a non-loadbearing wall to resist the spread of fire from one side to another.

It is applicable to non-loadbearing walls, with and without glazing, non-loadbearing walls consisting almost wholly of glazing and other non-loadbearing internal and external non-loadbearing walls.

It is not applicable to curtain walls (external non-loadbearing walls suspended in front of the floor slab), unless explicitly permitted under EN 1364-3 or EN 1364-4 which should contain details of the methodology to be used.

For external fire exposure to a non-loadbearing external wall, the external fire exposure curve given in EN 1363-2 is used.

CAUTION — The attention of all persons concerned with managing and carrying out this fire resistance 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 involved during the test. Mechanical and operational hazards might also arise during the construction of the test elements or structures, their testing and 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.