

SLOVENSKI STANDARD
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Preskusi požarne odpornosti nenosilnih elementov - 5. del: Zračniki

Fire resistance tests for non-loadbearing elements - Part 5: Air transfer grilles

Feuerwiderstandsprüfungen für nichttragende Bauteile - Teil 5: Lüftungsgitter

Essais de résistance au feu des éléments non porteurs - Partie 5: Grilles de transfert

Ta slovenski standard je istoveten z: prEN 1364-5

ICS:

13.220.50 Požarna odpornost
gradbenih materialov in
elementov

91.060.99 Drugi stavbni elementi

Fire-resistance of building
materials and elements

Other elements of buildings

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Fire resistance tests for non-loadbearing elements - Part 5: Air transfer grilles

Essais de résistance au feu des éléments non porteurs -
Partie 5: Grilles de transfert

Feuerwiderstandsprüfungen für nichttragende Bauteile -
Teil 5: Lüftungsgitter

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

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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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SIST EN 1364-5:2017

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (prEN 1364-5:2014) 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.

EN 1364 ‘Fire resistance tests for non-loadbearing elements’ consists of the following :

Part 1: Walls

Part 2: Ceilings

Part 3: Curtain walls - full configuration (in course of preparation)

Part 4: Curtain walls - part configuration (in course of preparation)

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Introduction

The purpose of this test is to measure the ability of a representative specimen of an air transfer grill to resist the spread of fire from one side to another.

A representative sample of the air transfer grille is exposed to a specified regime of heating and the performance of the test specimen is monitored on the basis of criteria given in this standard. Fire resistance of the test specimen is expressed as the time for which the appropriate criteria have been satisfied. The times so obtained are a measure of the adequacy of the construction in a fire but have no direct relationship with the duration of a real fire.

Caution

The attention of all persons concerned with managing and carrying out this furnace testing 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. Mechanical and operational hazards can 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 shall be made and safety precautions need to be identified and provided. Written safety instructions need to be issued. Appropriate training needs to be given to relevant personnel. Laboratory personnel need to ensure that they follow written safety instructions at all times.

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