საქართველოს სტანდარტი

სსკ: 13.220.50; 79.060.20

სტრუქტურული ელემენტების ცეცხლმედეგობის წვლილის განსაზღვრისათვის გამოცდის მეთოდები - ნაწილი 1: ჰორიზონტალური დამცავი გარსები

სსტ ენ 13381-1:2020/2023

საინფორმაციო მონაცემები

1 მიღებულია და დაშვებულია სამოქმედოდ: სსიპ-საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს გენერალური დირექტორის 01/05/2023 წლის № 47 განკარგულებით

2 მიღებულია „თავფურცლის“ თარგმნის მეთოდით: სტანდარტიზაციის ევროპული კომიტეტის (ენ) სტანდარტი ენ 13381-1:2020 ,, სტრუქტურული ელემენტების ცეცხლმედეგობის წვლილის განსაზღვრისათვის გამოცდის მეთოდები - ნაწილი 1: ჰორიზონტალური დამცავი გარსები”

3 პირველად

4 რეგისტრირებულია: სსიპ-საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 01/05/2023 წლის №268-1.3-028922

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13381-1

July 2020

ICS 13.220.50; 79.060.20

Supersedes EN 13381-1:2014

English Version

Test methods for determining the contribution to the fire resistance of structural members - Part 1: Horizontal protective membranes

Méthodes d'essai pour déterminer la contribution à la résistance au feu des éléments de construction - Partie 1 : Membranes de protection horizontales

Prüfverfahren zur Bestimmung des Beitrages zum Feuerwiderstand von tragenden Bauteilen - Teil 1: Horizontal angeordnete Brandschutzbekleidungen

This European Standard was approved by CEN on 7 May 2020.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

EUROPEAN COMMITTEE FOR STANDARDIZATION
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EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN 13381-1:2020 E

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European foreword

This document (EN 13381-1:2020) has been prepared by 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 January 2021, and conflicting national standards shall be withdrawn at the latest by January 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13381-1:2014.

The main changes with respect to the previous edition are listed below:

Clarifications regarding the following items:

a) determination of the characteristic surface temperature curve;

b) limits of applicability (addition of integrity and insulation performances in the tables);

c) assessment when the semi-natural fire test is performed (Annex A).

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This document is one of a series of standards for evaluating the contribution to the fire resistance of structural members by applied fire protection materials. The other parts of this series are:

— *Part 2: Vertical protective membranes*,

— *Part 3: Applied protection to concrete members*,

— *Part 4: Applied passive protection to steel members*,

— *Part 5: Applied protection to concrete/profiled sheet steel composite members*,

— *Part 6: Applied protection to concrete filled hollow steel columns*,

— *Part 7: Applied protection to timber members*,

— *Part 8: Applied reactive protection to steel members*,

— *Part 9: Applied fire protection systems to steel beams with web openings.*

The fire protection capacity of the horizontal protective membrane can be nullified by the presence of combustible materials in the cavity above the membrane. The applicability of the results of the assessment is limited according to the quantity and position of such combustible materials within that cavity. The amount of combustible material permissible in the cavity is typically given in national regulations.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.