SLOVENSKI STANDARD
SIST EN 1994-1-2:2006/A1:2014

01-maj-2014

Evrokod 4: Projektiranje sovprežnih konstrukcij iz jekla in betona - 1-2. del: Splošna pravila - Požarnoodporno projektiranje

Eurocode 4 - Design of composite steel and concrete structures - Part 1-2: General rules - Structural fire design

Eurocode 4: Bemessung und Konstruktion von Verbundtragwerken aus Stahl und Beton - Teil 1-2: Allgemeine Regeln Tragwerksbemessung für den Brandfall

Eurocode 4 - Calcul des structures mixtes acier-béton - Partie 1-2: Règles générales - Calcul du comportement au feu

Ta slovenski standard je istoveten z: **EN 1994-1-2:2005/A1:2014**

ICS:

13.220.50	Požarna odpornost gradbenih materialov in elementov	Fire-resistance of building materials and elements
91.010.30	Tehnični vidiki	Technical aspects
91.080.10	Kovinske konstrukcije	Metal structures
91.080.40	Betonske konstrukcije	Concrete structures

SIST EN 1994-1-2:2006/A1:2014 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 1994-1-2:2005/A1

February 2014

ICS 13.220.50; 91.010.30; 91.080.10; 91.080.40

English Version

Eurocode 4 - Design of composite steel and concrete structures - Part 1-2: General rules - Structural fire design

Eurocode 4 - Calcul des structures mixtes acier-béton - Partie 1-2 : Règles générales - Calcul du comportement au feu

Eurocode 4: Bemessung und Konstruktion von Verbundtragwerken aus Stahl und Beton - Teil 1-2: Allgemeine Regeln - Tragwerksbemessung für den Brandfall

This amendment A1 modifies the European Standard EN 1994-1-2:2005; it was approved by CEN on 17 November 2013.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No. EN 1994-1-2:2005/A1:2014 E

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Foreword

This document (EN 1994-1-2:2005/A1:2014) has been prepared by Technical Committee CEN/TC 250 “Structural Eurocodes”, the secretariat of which is held by BSI.

This Amendment to the European Standard EN 1994-1-2:2005 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2015, and conflicting national standards shall be withdrawn at the latest by February 2015.

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

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1 Modification to H.5, Field of application (page 105)

Delete the following text:

"(1) This calculation model may only be applied for square or circular sections in the following conditions:

buckling length $l_\theta \leq 4{,}5$ m

140 mm ≤ depth *b* or diameter *d* of cross-section ≤ 400 mm

C20/25 ≤ concrete grades ≤ C40/50

0 % ≤ percentage of reinforcing steel ≤ 5 %

Standard fire resistance ≤ 120 min.".

and replace with the following:

"(1) This calculation model may only be applied for square or circular sections in the following conditions:

buckling length $l_\theta \leq 4{,}5$ m

relative slenderness, $\overline{\lambda} \leq 0{,}5$

140 mm ≤ depth *b* or diameter *d* of cross-section ≤ 400 mm

C20/25 ≤ concrete grades ≤ C40/50

0 % ≤ percentage of reinforcing steel ≤ 5 %

Standard fire resistance ≤ 120 min."