



**SLOVENSKI STANDARD**  
**SIST EN 1991-1-2:2004/AC:2013**  
**01-julij-2013**

---

**Evrokod 1: Vplivi na konstrukcije - 1-2. del: Splošni vplivi - Vplivi požara na konstrukcije - Popravek**

Eurocode 1: Actions on structures - Part 1-2: General actions - Actions on structures exposed to fire

Eurocode 1 - Einwirkungen auf Tragwerke - Teil 1-2: Allgemeine Einwirkungen - Brandeinwirkungen auf Tragwerke

Eurocode 1: Actions sur les structures au feu - Partie 1-2: Actions générales - Actions sur les structures exposées

[SIST EN 1991-1-2:2004/AC:2013](https://standards.iteh.ai/catalog/standards/sist/2886c846-4b85-4b1d-bf0e-1a8ed852dd9d/sist-en-1991-1-2-2004-ac-2013)

[https://standards.iteh.ai/catalog/standards/sist/2886c846-4b85-4b1d-bf0e-](https://standards.iteh.ai/catalog/standards/sist/2886c846-4b85-4b1d-bf0e-1a8ed852dd9d/sist-en-1991-1-2-2004-ac-2013)

[1a8ed852dd9d/sist-en-1991-1-2-2004-ac-2013](https://standards.iteh.ai/catalog/standards/sist/2886c846-4b85-4b1d-bf0e-1a8ed852dd9d/sist-en-1991-1-2-2004-ac-2013)

**Ta slovenski standard je istoveten z: EN 1991-1-2:2002/AC:2013**

---

**ICS:**

13.220.50	Požarna odpornost gradbenih materialov in elementov	Fire-resistance of building materials and elements
91.010.30	Tehnični vidiki	Technical aspects

**SIST EN 1991-1-2:2004/AC:2013**      **en,fr,de**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 1991-1-2:2004/AC:2013](https://standards.iteh.ai/catalog/standards/sist/2886c846-4b85-4b1d-bf0e-1a8ed852dd9d/sist-en-1991-1-2-2004-ac-2013)

<https://standards.iteh.ai/catalog/standards/sist/2886c846-4b85-4b1d-bf0e-1a8ed852dd9d/sist-en-1991-1-2-2004-ac-2013>

EUROPEAN STANDARD

**EN 1991-1-2:2002/AC**

NORME EUROPÉENNE

February 2013

EUROPÄISCHE NORM

Février 2013

Februar 2013

ICS 91.010.30; 13.220.50

English version  
Version Française  
Deutsche Fassung

Eurocode 1: Actions on structures - Part 1-2: General actions - Actions on structures exposed to fire

Eurocode 1: Actions sur les structures au feu - Partie 1-2: Actions générales - Actions sur les structures exposées

Eurocode 1 - Einwirkungen auf Tragwerke - Teil 1-2: Allgemeine Einwirkungen - Brandeinwirkungen auf Tragwerke

This corrigendum becomes effective on 6 February 2013 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 6 février 2013 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 6. Februar 2013 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.

**STANDARD PREVIEW**  
(standards.iteh.ai)  
<https://standards.iteh.ai/catalog/standards/sist/2886c846-4b85-4b1d-bf0e-1a8ed852dd9d/sist-en-1991-1-2-2004-ac-2013>



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

© 2013 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.  
Tous droits d'exploitation sous quelque forme et de quelque manière que ce soit réservés dans le monde entier aux membres nationaux du CEN.  
Alle Rechte der Verwertung, gleich in welcher Form und in welchem Verfahren, sind weltweit den nationalen Mitgliedern von CEN vorbehalten.

Ref. No.: EN 1991-1-2:2002/AC:2013 D/E/F

## EN 1991-1-2:2002/AC:2013 (E)

**Modifications due to EN 1991-1-2:2002/AC:2009:****1 Modification to 1.6, "Symbols"**

Page 17, definition of "W", delete: "and  $W_2$ ".

**2 Modification to B.2, "Conditions of use"**

Page 33, Paragraph "(2)", replace Equation "(B.1)":

"

$$D/W = \frac{W_2}{W_t} \quad (\text{B.1})$$

"

with:

"

$$D/W = \frac{W_2}{W_1} \quad (\text{B.1})$$

".

iTeh STANDARD PREVIEW  
(standards.iteh.ai)

**3 Modification to B.4.2, "Forced draught"**

Page 37, Paragraph "(2)", replace Equation "(B.19)":  
<https://standards.iteh.ai/catalog/standards/sist/2886c846-4b85-4b1d-bf0e-1a8ed852dd9d/sist-en-1991-1-2-2004-ac-2013>

"

$$T_f = 1\,200 \left( (A_f \cdot q_{f,d}) / 17,5 - e^{-0,00228 \cdot \Omega} \right) + T_0 \quad (\text{B.19})$$

"

with:

"

$$T_f = 1\,200 \left( 1 - e^{-0,00228 \cdot \Omega} \right) + T_0 \quad (\text{B.19})$$

".

**Modifications due to EN 1991-1-2:2002/AC:2012:****4 Modifications to "National annex for EN 1991-1-2"**

In the 2<sup>nd</sup> paragraph, delete the following list entries:

"

— 3.3.1.1(1)",

“

— 3.3.1.2(2)”; and

“

— 3.3.2(1)”.  
In the 2<sup>nd</sup> paragraph,, add “, NOTE 1” after “3.3.1.2(1)” in the following list entry:

“

— 3.3.1.2(1)”.  
**5 Modification to Annex A**

In Paragraph (7), in the 2<sup>nd</sup> sentence of the NOTE, replace “ $t_{lim}$ ” with “ $t_{max}$ ” as follows: “If  $t_{max}$  is given by  $(0,2 \cdot 10^{-3} \cdot q_{t,d} / O)$ , the fire is ventilation controlled.”.

**6 Modifications to B.4.1**

In Paragraph (3), in the table attached to Figure B.2, in the 1<sup>st</sup> row, in the 1<sup>st</sup> column, replace “ $L_L = \frac{h_{eq}}{3} \Rightarrow$ ” with “ $L_H = \frac{h_{eq}}{3} \Rightarrow$ ”; then, in the 3<sup>rd</sup> row, delete the vertical segment line between the 1<sup>st</sup> and 2<sup>nd</sup> columns and insert “and” between “ $h_{eq} < 1,25 w_t$ ” and “wall above” as below:

SIST EN 1991-1-2:2004/AC:2013  
<https://standards.iteh.ai/catalog/standards/sist/2886c846-4b85-4b1d-bf0e-1a8ed852dd9d/sist-en-1991-1-2-2004-ac-2013>

$L_H = \frac{h_{eq}}{3} \Rightarrow$	$L_1 = \sqrt{L_H^2 + \frac{h_{eq}^2}{9}} \cong \frac{h_{eq}}{2}$	$L_1 \cong \frac{h_{eq}}{2}$
	$L_f = L_L + L_1$	$L_f = \sqrt{L_L^2 + \left(L_H - \frac{h_{eq}}{3}\right)^2} + L_1$
$h_{eq} < 1,25 w_t$ and wall above		no wall above or $h_{eq} > 1,25 w_t$

**Figure B.2 — Flame dimensions, no through draught”.**

In Paragraph (7), on the line of Formula (B.12), replace “or” with “and” as follows:

“ $L_f = L_L + h_{eq} / 2$  if wall exist above window and if  $h_{eq} \leq 1,25 w_t$  (B.12)”.