



**SLOVENSKI STANDARD**  
**SIST EN 1992-1-2:2005/AC:2008**  
**01-november-2008**

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**Evrokod 2: Projektiranje betonskih konstrukcij - 1-2. del: Splošna pravila - Projektiranje požarnovarnih konstrukcij**

Eurocode 2: Design of concrete structures - Part 1-2: General rules - Structural fire design

Eurocode 2: Bemessung und Konstruktion von Stahlbeton- und Spannbetontragwerken - Teil 1-2: Allgemeine Regeln - Tragwerksbemessung für den Brandfall

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

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**Ta slovenski standard je istoveten z: EN 1992-1-2:2004/AC:2008**

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**ICS:**

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

**SIST EN 1992-1-2:2005/AC:2008** en,de

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EUROPEAN STANDARD

EN 1992-1-2:2004/AC

NORME EUROPÉENNE

July 2008

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ICS 91.010.30; 91.080.10

English version  
Version Française  
Deutsche Fassung

Eurocode 2: Design of concrete structures - Part 1-2: General rules -  
Structural fire design

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

Eurocode 2: Bemessung und Konstruktion  
von Stahlbeton- und  
Spannbetontragwerken - Teil 1-2:  
Allgemeine Regeln - Tragwerksbemessung  
für den Brandfall

This corrigendum becomes effective on 30 July 2008 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 30 juillet 2008 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 30. Juli 2008 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.

<http://standards.iteh.ai>  
SIST EN 1992-1-2:2005/AC:2008  
4bb24cdd2572/sist-en-1992-1-2-2005-ac-2008



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Ref. No.: EN 1992-1-2:2004/AC:2008 D/E/F

**EN 1992-1-2:2004/AC:2008 (E)****Introduction****Page 3**

*In the **Content List**, replace:*

“5.3.2 Method A for assessing fire resistance of columns”

*with the following:*

“5.3.2 Method A”.

*In the **Content List**, replace:*

“5.3.3 Method B for assessing fire resistance of columns”

*with the following:*

“5.3.3 Method B”.

*In the **Content List**, replace:*

“5.4.1 Non load bearing walls (partitions)”

*with the following:*

“5.4.1 Non load bearing compartmentation walls”

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**Page 9**

*In **Figure 1**, replace:*

“Simple Calculation Models” <https://standards.iteh.ai/catalog/standards/sist/421a1361-3a19-45e9-a50c-4bb24cdd2572/sist-en-1992-1-2-2005-ac-2008>

*with the following:*

“Simplified Calculation Models”

(4 occurrences).

*In **Table 0.1** replace in 3<sup>rd</sup> row 1<sup>st</sup> column:*

**“Analysis of parts of the structure**

Analysis of parts of the structure Indirect fire actions within the subassembly are considered...”

*with the following:*

**“Analysis of part of the structure**

Indirect fire actions within the subassembly are considered...”.

## SECTION 1 GENERAL

### Page 11

*In 1.3 replace:*

“The general assumptions given in EN 1990 and EN 1992-1-2 apply.”

*with the following:*

“The general assumptions given in EN 1990 and EN 1992-1-1 apply.”.

### Page 12

*In 1.5.6 replace:*

“...It is obtained from the residual cross section by removing parts of the...”

*with the following:*

“...It is obtained by removing parts of the...”.

### Page 13

*In 1.6.1 replace:*

“*t* time of fire exposure (min)”

*with the following:*

“*t* time in fire exposure (min)”.

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## SECTION 2 BASIS OF DESIGN

### Page 14

*In 2.1.1 (1)P replace:*

“...during the relevant fire exposure.”

*with the following:*

“...during the required time of fire exposure.”.

*In 2.1.1 (2)P replace:*

“...during the relevant fire exposure.”

*with the following:*

“...during the required time of fire exposure.”.

**EN 1992-1-2:2004/AC:2008 (E)**

*In 2.1.2 (4) replace:*

“With the external fire exposure curve the same criteria (R, E, I) should apply, however the reference to this specific curve should be identified by the letters "ef" (see EN 1991-1-2).”

*with the following:*

“With the external fire exposure curve (see EN 1991-1-2) the same criteria (R, E, I) should apply, however the reference to this specific curve should be identified by the letters "ef".”.

*In 2.1.2(5) replace:*

“With the hydrocarbon fire exposure curve the same criteria (R, E, I) should apply, however the reference to this specific curve should be identified by the letters "HC", see EN 1991-1-2.”

*with the following:*

“With the hydrocarbon fire exposure curve (see EN 1991-1-2) the same criteria (R, E, I) should apply, however the reference to this specific curve should be identified by the letters "HC".”.

**Page 15**

*Change 2.1.3 (1):*

“(1) The load bearing function should...”

*to a principle:*

“(1)P The load bearing function shall...”

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**Page 16**

*In 2.4.1 (2)P replace:*

“It shall be verified for the relevant duration of fire exposure  $t$  :”

*with the following:*

“It shall be verified for the specified duration of fire exposure  $t$  :”.

**SECTION 3 MATERIAL PROPERTIES****Page 25**

*In 3.2.4 (1) replace:*

“...properties of prestressing steel at elevated temperatures may be obtained by the same...”

*with the following:*

“...properties of prestressing steel at elevated temperatures should be obtained by the same...”.

**Page 28**

In 3.4 (1) replace:

“for  $860^{\circ}\text{C} < \theta \leq 120^{\circ}\text{C}$ ”

with the following:

“for  $860^{\circ}\text{C} < \theta \leq 1\ 200^{\circ}\text{C}$ ”.

**SECTION 4 DESIGN PROCEDURES****Page 31**

In 4.2.3 (1) in the Note replace:

“...The method described in Annex B.2 is based on the principle that the fire damaged cross-section is reduced by ignoring a damaged zone at the fire-exposed surfaces.”

with the following:

“...The method described in Annex B.2 is based on the principle that cross-section is reduced by ignoring an ineffective zone at the fire-exposed surfaces.”.

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**Page 34**

In 4.3.1 (2)P replace:

“...(e.g. insufficient rotational capacity,...”

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with the following:

“...(e.g. insufficient rotation capacity,...”.

**Page 35**

In 4.3.3 (6) replace:

“...sub-assemblies...”

with the following:

“...parts of the structure...”.

In 4.3.3 (9) replace:

“...sub-assemblies...”

with the following:

“...parts of the structure...”.

**Page 37**

In 4.6 (4) replace:

“...(see 4.2)...”

with the following:

“...(see 5)...”.

## EN 1992-1-2:2004/AC:2008 (E)

## SECTION 5 TABULATED DATA

**Page 42**

In 5.3.2 (2) in the Note 1 replace:

“The value of  $e_{\max}$ , within limits  $0,15h$  (or  $b$ )  $\leq e_{\max} \leq 0,4h$  (and  $b$ ), ...The recommended value is  $0,15h$  (and  $b$ ).”

with the following:

“The value of  $e_{\max}$ , within limits  $0,15h$  (or  $b$ )  $\leq e_{\max} \leq 0,4h$  (or  $b$ ), ...The recommended value is  $0,15h$  (or  $b$ ).”

**Page 43**

In 5.3.2 (3) replace:

“A reduction factor for the design load level in the fire situation,  $\mu_{fi}$ , has been introduced.”

with the following:

“Degree of utilization in the fire situation,  $\mu_{fi}$ , has been introduced in Table 5.2a.”

In 5.3.2 (3) in Table 5.2a in the last row replace:

“For prestressed columns the increase of axis distance according to 4.2.2. (4) should be noted.”

with the following:

“For prestressed columns the increase of axis distance according to 5.2 (5) should be noted.”

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**Page 46**

Replace the title of sub-clause 5.4.1:

“5.4.1 Non load-bearing walls (partitions)”

with the following:

“5.4.1 Non load-bearing compartmentation walls”.

In 5.4.1 (1) replace:

“Where the fire resistance of a partition...”

with the following:

“Where the fire resistance of a wall...”.

In 5.4.2 (3) add the following note:

“NOTE Ratio of clear height of wall to wall thickness is limited to 40 in 5.4.1 (3). Clear height of wall includes limitation that Tabulated data for walls is valid for braced structures only, see corresponding limitation for columns in 5.3.1.”.

**Page 47**

In 5.4.2 (3) replace the title of Table 5.4:

“Table 5.4: Minimum dimensions and axis distances for load-bearing reinforced concrete walls”

with the following:

“Table 5.4 - Minimum dimensions and axis distances for load-bearing concrete walls”.



**Page 48**

*In 5.6.1 (5) replace:*

“...of I-shaped beams with varying webs (Figure 5.4c) should not be less than:”

*with the following:*

“...of I-shaped beams (Figure 5.4c) should not be less than:”.

*In 5.6.1 (5) replace:*

“where  $b_{\min}$  is the minimum value of beam width according to Table 5.7.”

*with the following:*

“where  $b_{\min}$  is the minimum value of beam width according to Table 5.5.”.

**Page 55**

*In 5.7.3 (2) replace:*

“Table 5.8 and the following rules apply for slabs where the longitudinal moment redistribution...”

*with the following:*

“Table 5.8 and the following rules apply for slabs where the moment redistribution...”.

**Page 56**

*In 5.7.4 (1) replace:*

“...according to Section 2 of EN 1992-1-1...”

*with the following:*

“...according to Section 5 of EN 1992-1-1,...”.

**Page 57**

*In 5.7.5 (7) in Table 5.10 and in Table 5.11 replace:*

“For prestressed ribbed slabs, the axis-distance  $a$  should be increased in accordance with 5.2(4).”

*with the following:*

“For prestressed ribbed slabs, the axis-distance  $a$  should be increased in accordance with 5.2 (5).”.

**SECTION 6 HIGH STRENGTH CONCRETE (HSC)****Page 59**

*In 6.2 (2) replace:*

“For concrete grades  $80/95 < C \leq 90/105$  spalling can occur in any situation for concrete exposed directly to the fire and at least one of the following methods should be provided:”

*with the following:*

“For concrete grades  $80/95 < C \leq 90/105$  at least one of the following methods should be provided:”.