

SLOVENIAN STANDARD

SIST EN 1992-1-2:2005/oA101

January 2009

Evrokod 2: Projektiranje betonskih konstrukcij – 1-2. del: Splošna pravila – Projektiranje požarnovarnih konstrukcij – Nacionalni dodatek

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

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

ICS 13.220.50; 91.010.30; 91.080.40 Reference
SIST EN 1992-1-2:2005/oA101:2009 (sl)

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NATIONAL INTRODUCTION

Supplement SIST EN 1992-1-2:2005/A101, Eurocode 2: Design of concrete structures – Part 1-2: General rules – Structural fire design – National annex, 2009, has the status of supplement to standard SIST EN 1992-1-2:2005.

NATIONAL PREFACE

The Slovenian national standard SIST EN 1992-1-2:2005 is an adapted version of European standard EN 1992-1-2:2004, prepared by the European Committee for Standardization Technical Committee CEN/TC 250 - Structural Eurocodes, with its secretariat at the BSI.

The supplement SIST EN 1992-1-2:2005/A101:2009 was prepared by the SIST/TC KON Technical Working Party (Construction).

This supplement may be used together with standard SIST EN 1992-1-2:2005 and/or EN 1992-1-2:2004, which under National Annex stipulates items where the national option may be exercised.

National options are permitted for the following items of EN 1992-1-2:2004:

- 2.1.3 (2)
- 2.3 (2)P
- 3.2.3 (5)
- 3.2.4 (2)
- 3.3.3 (1)P
- 4.1 (1)P
- 4.5.1 (2)
- 5.2 (3)
- 5.3.2 (2)
- 5.7.3 (2)
- 6.1 (5)
- 6.2 (2)
- 6.3 (1)P
- 6.4.2.1 (3)
- 6.4.2.2 (2)

The national annex contains alternative procedures, values and recommendations for the classes with notes indicating where the European standard stipulates that national options may be exercised. The national annex SIST EN 1992-1-2:2005/A101:2009 therefore contains the nationally agreed parameters that must be applied when designing construction works to be built in the Republic of Slovenia.

The decision to issue this supplement was adopted on _____ [date] by the SIST/TC KON Technical Working Party (Construction).

REFERENCE TO NATIONAL STANDARDS

SIST EN 1992-1-2:2005 Eurocode 2: Design of concrete structures – Part 1-2:
General rules – Structural fire design

NOTE

- The national introduction and the national preface do not form part of the standard.

National annex to SIST EN 1991-1-2:2005

(normative)

N.1 Content of the annex

- (1) P The national annex contains instructions addressing the points on page 8 of SIST EN 1992-1-2 enabling the selection of parameters at the national level.

N.2 Instructions in respect of individual points**2.1.3 (2)**

- (1) P For $\Delta\theta_1$ and $\Delta\theta_2$ the recommended values in the note must be respected.

2.3 (2)P

- (2) P For $\gamma_{M,fi}$ the recommended value in the note must be respected.

3.2.3 (5)

- (3) P For the choice of class N or X the recommendations in the note are applicable.

3.2.4 (2)

- (4) P Class B must be selected.

3.3.3 (1)

- (5) P For thermal conductivity the lower limit given in paragraph 3.3.3 (2) may be taken.

4.1 (1)P

- 6 (P) Advanced calculation methods may be used.

4.5.1 (2)

- (7) P For k the recommended value in the note must be respected.

5.2 (3)

- (8) P The value $\eta_{fi} = 0.7$ must be respected for η_{fi} .

5.3.2 (2)

- (9) P For e_{max} the recommended value in note 1 must be respected.

5.6.1 (1)

- (10) P Class WB must be selected.

5.7.3 (2)

- (11) P There are no additional rules regarding rotation capacity.

6.1 (5)

(12) P The classes recommended in the note must be respected.

6.2 (2)

(13) P All four methods mentioned (methods A, B, C and D) may be used.

6.3.1 (1)

(14) P For the thermal conductivity of high-strength concrete, the lower limit given in paragraph 3.3.3 (2) may be taken.

6.4.2.1 (3)

(15) P For factor k the recommendations in the note must be respected.

6.4.2.2 (2)

(16) P For factor k_m the recommendations in the note must be respected.