



NSAI
Standards

Irish Standard
I.S. EN 1998-2:2006

Eurocode 8 - Design of structures for earthquake resistance - Part 2: Bridges

I.S. EN 1998-2:2006

Incorporating amendments/corrigenda issued since publication:

EN 1998-2:2005/A1:2009

EN 1998-2:2005/AC:2010

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

<i>This document replaces:</i> ENV 1998-2:1994	<i>This document is based on:</i> EN 1998-2:2005	<i>Published:</i> 23 November, 2005
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NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie
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Údarás um Chaighdeáin Náisiúnta na hÉireann

English version
Version Française
Deutsche Fassung

Eurocode 8 - Design of structures for earthquake resistance - Part 2:
Bridges

Eurocode 8 - Calcul des structures pour
leur résistance aux séismes - Partie 2:
Ponts

Eurocode 8 - Auslegung von Bauwerken
gegen Erdbeben - Teil 2: Brücken

This corrigendum becomes effective on 10 February 2010 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 10 février 2010 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 10. Februar 2010 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

1) Modifications to "National annex for EN 1998-2"

In second paragraph, grid lines, 2nd column, 2nd line (for the Item related to the reference 1.1.1(8)), replace "Informative Annexes A, B, C, D, E, F, H and JJ" with "Informative Annexes A, B, C, D, E, F, H, JJ and K".

In second paragraph, grid lines, 2nd column, 2nd line (for the Item related to the reference 7.7.1(2)), replace "Values of factors δ_w and δ_b for the lateral restoring capability of the isolation system" with "Value of the ratio δ for the evaluation of the lateral restoring capability".

In second paragraph, grid lines, just after the row dedicated to reference 7.7.1(2), add the following row:

"

7.7.1(4)	Value of γ_{da} reflecting uncertainties in the estimation of design displacements
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"

2) Modification to 4.2.4.4

Paragraph (2), subparagraph (a), replace "Such an identification should be based" with "Such identification should be based".

3) Modification to 5.6.2

Paragraph (2)P, list entry b), NOTE, replace "ascribed to γ_{bd1} for use in a country" with "ascribed to γ_{bd1} for use in a country".

4) Modifications to 6.2.2

Paragraph (3), replace "acheived in either one" with "achieved in either one".

Paragraph (4)P, Equation (6.10), replace $\min\left(\frac{A_t}{s_T}\right) = \frac{\Sigma A_s f_{ys}}{1,6 f_{yt}} (mm^2/m)$ with

$$\min\left(\frac{A_t}{s_L}\right) = \frac{\Sigma A_s f_{ys}}{1,6 f_{yt}} (mm^2/m)$$

Paragraph (4)P, after Equation (6.10), replace:

" s_T is the transverse distance between tie legs, in m;"

with:

" s_L is the spacing of the legs along the axis of the member, in m;"

ICS 91.120.25; 93.040

English Version

Eurocode 8: Design of structures for earthquake resistance - Part 2: Bridges

Eurocode 8: Calcul des structures pour leur résistance aux
séismes - Partie 2: Ponts

Eurocode 8: Auslegung von Bauwerken gegen Erdbeben -
Teil 2: Brücken

This amendment A1 modifies the European Standard EN 1998-2:2005; it was approved by CEN on 12 February 2009.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

This amendment 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 Management Centre has the same status as the official versions.

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Foreword

This document (EN 1998-2:2005/A1:2009) 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 1998-2:2005 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2009, and conflicting national standards shall be withdrawn at the latest by March 2010.

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