

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 1994-1-1:2004/AC

April 2009

Avril 2009

April 2009

ICS 91.080.10; 91.080.40; 91.010.30

English version
Version Française
Deutsche Fassung

Eurocode 4: Design of composite steel and concrete structures - Part 1-1:
General rules and rules for buildings

Eurocode 4: Calcul des structures mixtes
acier-béton - Partie 1-1: Règles générales
et règles pour les bâtiments

Eurocode 4: Bemessung und Konstruktion
von Verbundtragwerken aus Stahl und
Beton - Teil 1-1: Allgemeine
Bemessungsregeln und Anwendungsregeln
für den Hochbau

This corrigendum becomes effective on 15 April 2009 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 15 avril 2009 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 15. April 2009 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



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

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Ref. No.: EN 1994-1-1:2004/AC:2009 D/E/F

1) Modification to “Contents”

Page 5, line for Subclause “6.8.7.1”, replace “reinforcement, and concrete” with: “reinforcement and concrete”.

2) Modification to “National Annex for EN 1994-1-1”

2nd paragraph, page 11, list entries, replace “2.4.1.2(5)” with: “2.4.1.2(5)P”.

2nd paragraph, page 11, list entries, replace “2.4.1.2(6)” with: “2.4.1.2(6)P”.

2nd paragraph, page 11, list entries, replace “2.4.1.2(7)” with: “2.4.1.2(7)P”.

2nd paragraph, page 11, list entries, replace “9.1.1(2)” with: “9.1.1(2)P”.

2nd paragraph, page 11, list entries, replace “9.7.3 (4)” with: “9.7.3 (4), Note 1”.

2nd paragraph, page 11, list entries, replace “9.7.3 (8)” with: “9.7.3 (8), Note 1”.

3) Modification to 1.2.2

Page 13, replace “EN 1992-1-1¹” with: “EN 1992-1-1:2004”.

Page 13, replace “EN 1993-1-1¹” with: “EN 1993-1-1:2005”.

Page 13, replace “EN 1993-1-3¹” with: “EN 1993-1-3:2006”.

Page 13, replace “EN 1993-1-5¹” with: “EN 1993-1-5:2006”.

Page 13, replace “EN 1993-1-8¹” with: “EN 1993-1-8: 2005”.

Page 13, replace “EN 1993-1-9¹” with: “EN 1993-1-9:2005”.

Delete footnote at the bottom of page 13:

”

¹ To be published

”.

Page 13, replace “EN 10025-1: 2002” with: “EN 10025-1:2004”.

Page 13, replace “EN 10025-2: 2002” with: “EN 10025-2:2004”.

Page 13, replace “EN 10025-3: 2002” with: “EN 10025-3:2004”.

Page 13, replace “EN 10025-4: 2002” with: “EN 10025-4:2004”.

Page 13, replace “EN 10025-5: 2002” with: “EN 10025-5:2004”.

Page 14, replace “EN 10025-6: 2002” with: “EN 10025-6:2004”.

Page 14, replace:

“

EN 10147: 2000 Continuously hot-dip zinc coated structural steels strip and sheet: Technical delivery conditions

“

with:

“

EN 10326:2004 Continuously hot dip coated strip and sheet of structural steels – Technical delivery conditions

“

4) Modification to 3.5

Page 25, paragraph “(2)”, replace “EN 10147” with: “EN 10326”.

5) Modification to 4.2

Page 26, paragraph “(2)”, replace “EN 10147” with: “EN 10326”.

6) Modification to 5.3.2.1

Page 28, paragraph “(2)”, 2nd line, replace “5.2.1(2)” with: “5.2.1(3)”.

7) Modification to 5.4.2.2

Page 31, paragraph “(2)”, definition of “ ψ_L ”, add: “should” between “which” and “be”.

8) Modification to 5.4.3

Page 34, paragraph “3(P)”, replace “should” with: “shall”.

9) Modification to 6.2.1.3

Page 43, paragraph “(5)”, Equation “(6.1)”, replace “ N_{cf} ” with: “ $N_{c,f}$ ”.

10) Modification to 6.2.2.4

Page 45, paragraph “(3)”, replace the existing paragraph with the following one:

“

(3) For cross-sections in Class 3 and 4, EN 1993-1-5, 7.1 is applicable using as M_{Ed} the total bending moment in the considered cross section and both $M_{pl,Rd}$ and $M_{f,Rd}$ for the composite cross section.

”

11) Modification to 6.6.1.2

Page 54, paragraph “(1)”, page 54, replace “ n_f ” with: “ n_f ”.

12) Modification to 6.6.3.1

Page 56, paragraph “(1)”, replace “ f_{ck} ” with: “ f_{ck} ”.

13) Modification to 6.6.4.2

Page 57, paragraph "(1)", replace the definition for " n_r " with the following one:

"

n_r is the number of stud connectors in one rib at the beam intersection, not to exceed two in calculation of the reduction factor k_t and of the longitudinal shear resistance of the connection. Other symbols are as defined in Figure 6.13.

"

14) Modification to 6.6.5.5

Page 60, paragraph "(2)", 1st line, replace "a lower class" with: "Class 3 or Class 4".

15) Modification to 6.6.6.4

Page 63, paragraph "(5)", replace two times " A_p " with: " A_{pe} ".

16) Modification to 6.7.4.2

Page 75, paragraph "(6)", Equation "(6.48)", delete the comma: ",",.

17) Modification to 9.1.2.1

Page 95, 1st paragraph, at the beginning of the paragraph, add: "(1)P".

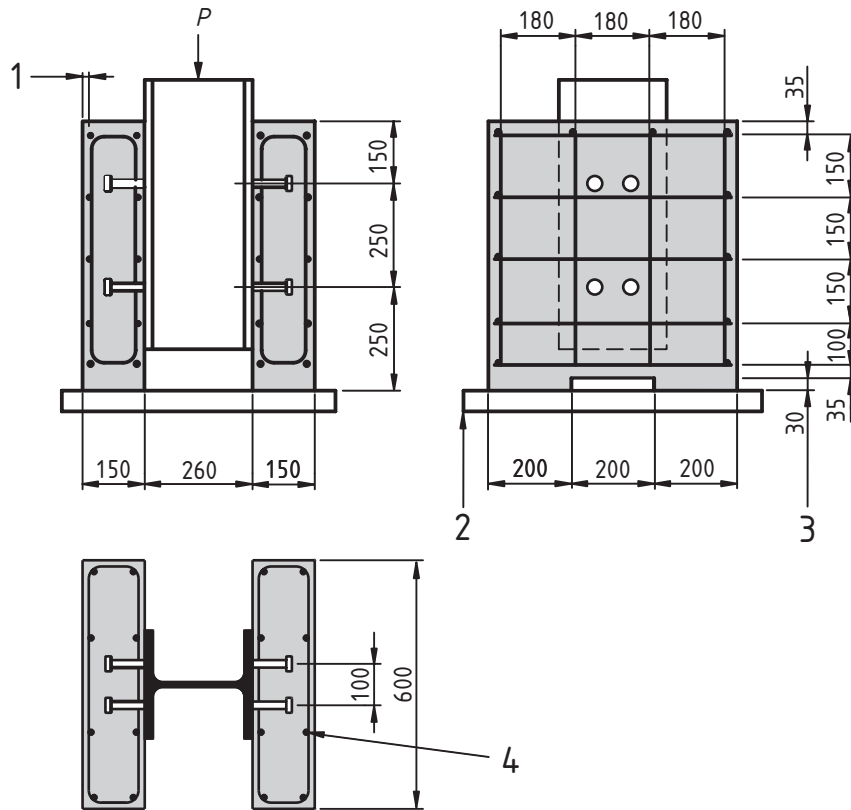
18) Modification to 9.1.2.2

Page 95, 1st paragraph, at the beginning of the paragraph, add: "(1)".

19) Modification to B.2.2

Page 111, "Figure B.1", replace the figure with the following one:

"



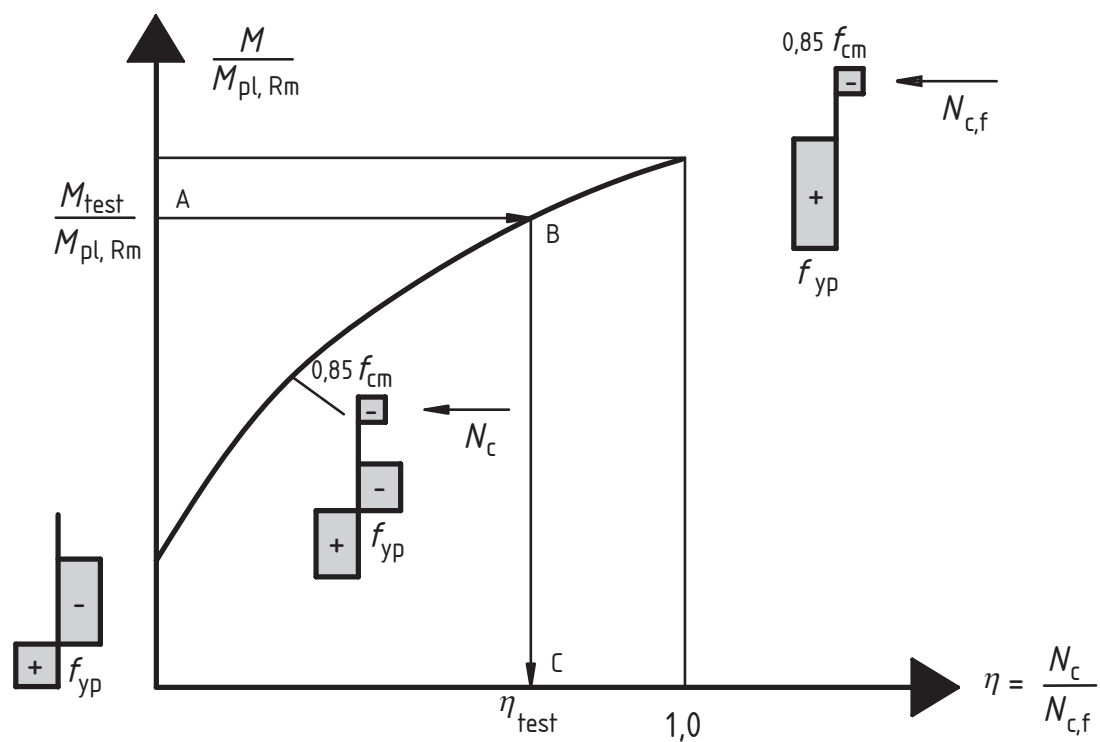
".

20) Modifications to B.3.6

Page 117, paragraph "(2)", Equation "(B.2)", change " N_{cf} " into: " $N_{c,f}$ ".

Page 117, paragraph "(2)", "Figure B.5", replace the left part of the Figure with the following one (in which " N_{cf} " is replaced with: " $N_{c,f}$ ", " $M_{p,Rm}$ " with: " $M_{pl,Rm}$ ", and " f_{cm} " with: " $0,85 f_{cm}$ "): "

"



".

Page 117, paragraph "(2)", Equation "(B.3)", replace " N_{cf} " with: " $N_{c,f}$ ".