



SLOVENSKI STANDARD
SIST EN 1999-1-4:2007/AC:2010
01-maj-2010

Evrokod 9 - Projektiranje konstrukcij iz aluminijevih zlitin - 1-4. del: Hladno oblikovane konstrukcijske pločevine

Eurocode 9 - Design of aluminium structures - Part 1-4: Cold-formed structural sheeting

Eurocode 9 - Bemessung und Konstruktion von Aluminiumtragwerken -Teil 1-4: Kaltgeformte Profiltafeln

Eurocode 9 - Calcul des structures en aluminium - Partie 1-4: Tôles de structure formées à froid

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Ta slovenski standard je istoveten z: **EN 1999-1-4:2007/AC:2009**

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ICS:

91.010.30	Tehnični vidiki	Technical aspects
91.080.10	Kovinske konstrukcije	Metal structures

SIST EN 1999-1-4:2007/AC:2010 **en,fr,de**

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EUROPEAN STANDARD

EN 1999-1-4:2007/AC

NORME EUROPÉENNE

November 2009

EUROPÄISCHE NORM

Novembre 2009

November 2009

ICS 91.010.30; 93.020

English version
Version Française
Deutsche FassungEurocode 9 - Design of aluminium structures - Part 1-4: Cold-formed
structural sheetingEurocode 9 - Calcul des structures en
aluminium - Partie 1-4: Tôles de structure
formées à froidEurocode 9 - Bemessung und Konstruktion
von Aluminiumtragwerken -Teil 1-4:
Kaltgeformte Profiltafeln

This corrigendum becomes effective on 4 November 2009 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 4 novembre 2009 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 4. November 2009 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.

[SIST EN 1999-1-4:2007/AC:2010](https://standards.iteh.ai/catalog/standards/sist/ecc2ad8c-bf7f-4193-8c3c-da1024b63298/sist-en-1999-1-4-2007-ac-2010)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG**Management Centre: Avenue Marnix 17, B-1000 Brussels**

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Ref. No.: EN 1999-1-4:2007/AC:2009 D/E/F

EN 1999-1-4:2007/AC:2009 (E)

1) Modifications to 1.2.3

Replace "EN 485-2:1994" with "EN 485-2:2008".

Replace "EN 508-2:2000" with "EN 508-2".

Replace "EN 1396:1996" with "EN 1396:2007".

Delete the whole reference to "EN 10088".

2) Modifications to 3.2.1

"Table 3.1", footnote "1)", replace "EN 485-2:1994-11" with "EN 485-2:2008".

"Table 3.1", footnote "2)", replace "EN 1396:1997-2" with "EN 1396:2007".

"Table 3.1", 9th row (for "EN AW-5251"), 2nd column, replace "AlMg2" with "AlMg2Mn0,3".

3) Modification to 5.5.4.3

"Table 5.5", replace the whole table with the following one:

"

Table 5.5 - Slenderness $\bar{\lambda}_p$ and stress relation factor ψ for a web with stiffeners

Web part location	Web part	Slenderness $\bar{\lambda}_p$	Stress relation factor ψ
No stiffeners, Figure 5.7 (a)			
Between compression flange and centroidal axis	s_n	$\bar{\lambda}_p = 1,052 \frac{s_n}{t} \sqrt{\frac{f_o}{E k_\sigma}}$	$\psi = -\frac{e_t}{e_c}$
One stiffener, Figure 5.7 (b)			
Adjacent to compression flange	s_a	$\bar{\lambda}_p = 1,052 \frac{s_a}{t} \sqrt{\frac{f_o}{E k_\sigma}}$	$\psi = \frac{e_c - h_a}{e_c}$
Adjacent to centroidal axis	s_n	$\bar{\lambda}_p = 1,052 \frac{s_c}{t} \sqrt{\frac{f_o}{E k_\sigma} \cdot \frac{(e_c - h_a - h_{sa})}{e_c}}$	$\psi = -\frac{e_t}{s_n \cdot \sin \phi}$
Two stiffeners, Figure 5.7 (c)			
Adjacent to compression flange	s_a	$\bar{\lambda}_p = 1,052 \frac{s_a}{t} \sqrt{\frac{f_o}{E k_\sigma}}$	$\psi = \frac{e_c - h_a}{e_c}$
Between stiffeners	s_b	$\bar{\lambda}_p = 1,052 \frac{s_b}{t} \sqrt{\frac{f_o}{E k_\sigma} \cdot \frac{(e_c - h_a - h_{sa})}{e_c}}$	$\psi = \frac{e_c - h_b}{e_c - h_a - h_{sa}}$
Adjacent to centroidal axis	s_n	$\bar{\lambda}_p = 1,052 \frac{s_c}{t} \sqrt{\frac{f_o}{E k_\sigma} \cdot \frac{(e_c - h_b - h_{sb})}{e_c}}$	$\psi = -\frac{e_t}{s_n \cdot \sin \phi}$

"

4) Modification to A.1

Paragraph "(1)", "NOTE 2", replace "The National Annex may give further information on testing" with

"The National Annex may give further information on testing and on the evaluation of test results".

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