

SVENSK STANDARD

SS-EN 1991-1-4:2005/A1:2010

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Eurokod 1: Laster på bärverk – Del 1-4: Allmänna laster – Vindlast

Eurocode 1: Actions on structures – Part 1-4: General actions – Wind actions

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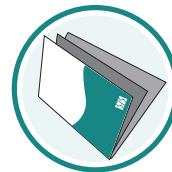
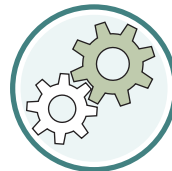
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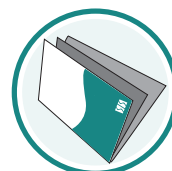
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The European Standard EN 1991-1-4:2005/A1:2010 has the status of a Swedish Standard. This document contains the official English version of EN 1991-1-4:2005/A1:2010.

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Denna standard är framtagen av kommittén för Eurokoder, SIS/TK 203.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1991-1-4:2005/A1

April 2010

ICS 91.010.30

English Version

Eurocode 1: Actions on structures - Part 1-4: General actions - Wind actions

Eurocode 1: Actions sur les structures - Partie 1-4 : Actions
générales - Actions du vent

Eurocode 1: Einwirkungen auf Tragwerke - Teil 1-4:
Allgemeine Einwirkungen - Windlasten

This amendment A1 modifies the European Standard EN 1991-1-4:2005; it was approved by CEN on 18 February 2010.

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.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN 1991-1-4:2005/A1:2010) has been prepared by Technical Committee CEN/TC 250 “Structural Eurocodes”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2011, and conflicting national standards shall be withdrawn at the latest by October 2010.

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Page 7

National annex for EN 1991-1-4 - add the following:

“7.2.3(2)”
“7.2.3(4)”
“7.2.4(1)”
“7.2.4(3)”
“7.2.5(1)”
“7.2.5(3)”
“7.2.6(1)”
“7.2.6(3)”
“7.2.7”
“7.3(6)”
“7.9.2(2)”
“Table 7.14”

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7.2.3 Flat roofs

Delete 7.2.3(2) and replace with:

“7.2.3(2) The roof should be divided in zones.

NOTE The zones may be defined by the National Annex.
The recommended zones are given in Figure 7.6.”

Delete 7.2.3(4) and (5) and replace with:

“7.2.3(4) Pressure coefficients should be defined for each zone.

NOTE 1 The pressure coefficients may be set by the National Annex.
The recommended values are given in Table 7.2

NOTE 2 The resulting pressure coefficient on the parapet should be determined using 7.4.”

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Table 7.2 – Delete title and replace with the following:

“Recommended values of external pressure coefficients for flat roofs.”

In NOTE 3 delete “shall” and replace with “should”.

Editing Note – The Table is now moved to a NOTE and therefore the font size used should be reduced accordingly. The Table should be repositioned at the first revision

Add the following new NOTE 6:

“NOTE 6 For mansard eaves with horizontal dimension less than $e/10$, the values for sharp eaves should be used. For the definition of e see Figure 7.6”

Page 40

7.2.4 Monopitch roofs - delete 7.2.4(1) and 7.2.4(3) and replace the text as follows:

“7.2.4(1) The roof, including its protruding parts, should be divided in zones.

NOTE The zones may be defined by the National Annex. The recommended zones are given in Figure 7.7.

7.2.4(3) Pressure coefficients should be defined for each zone.

NOTE The pressure coefficients may be set by the National Annex. The recommended values are given in Table 7.3a and Table 7.3b.”

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Tables 7.3a & 7.3b, change titles of both tables to:

“Recommended values of external pressure coefficients for monopitch roofs”

Editing Note – The Tables are now moved to a NOTE and the font size used should be reduced accordingly. The Tables should be repositioned at the first revision
