



SLOVENSKI STANDARD
SIST EN 1991-1-4:2005/kFprA1:2009
01-november-2009

Evrokod 1: Vplivi na konstrukcije - 1-4. del: Splošni vplivi - Obtežbe vetra

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

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

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

Ta slovenski standard je istoveten z: EN 1991-1-4:2005/FprA1

ICS:

91.010.30 V^@ã}ãããã Technical aspects

SIST EN 1991-1-4:2005/kFprA1:2009 en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
EN 1991-1-4:2005

FprA1

September 2009

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 draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 250.

This draft amendment A1, if approved, will modify the European Standard EN 1991-1-4:2005. If this draft becomes an amendment, 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.

This draft amendment was established by CEN 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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<https://standards.iteh.ai/catalog/standards/sist/f5773345-5950-46f9-bd7d-8f4d645dabc4/sist-en-1991-1-4-2005-a1-2010>

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 1991-1-4:2005/FprA1:2009 (E)

Foreword

This document (EN 1991-1-4:2005/FprA1:2009) has been prepared by Technical Committee CEN/TC 250 “Structural Eurocodes”, the secretariat of which is held by BSI.

This document is currently submitted to the Unique Acceptance Procedure.

iTeh STANDARD PREVIEW
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SIST EN 1991-1-4:2005/A1:2010

<https://standards.iteh.ai/catalog/standards/sist/f5773345-5950-46f9-bd7d-8f4d645debc4/sist-en-1991-1-4-2005-a1-2010>

Page 8

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

Replace 7.2.3 (2) with:

[SIST EN 1991-1-4:2005/A1:2010](https://standards.iteh.ai/catalog/standards/sist/f5773345-5950-46f9-bd7d-1-4-2005-a1-2010)

“7.2.3 (2) The roof should be divided in zones. <https://standards.iteh.ai/catalog/standards/sist/f5773345-5950-46f9-bd7d-1-4-2005-a1-2010>”

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

Replace 7.2.3 (4) and (5) 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

Replace title with:

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

EN 1991-1-4:2005/FprA1:2009 (E)

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”.

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7.2.4 Monopitch roofs

Replace 7.2.4 (1) and 7.2.4 (3) with:

“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.”

and

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 and 7.3b

Replace titles of both tables with:

“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

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7.2.5

Replace 7.2.5 (1) and 7.2.5 (3) with:

“7.2.5 (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 7.8.”.

and

7.2.5 (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 7.4a and Table 7.4b.”.

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Table 7.4a

Replace title of table with:

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

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

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Table 7.4b

Replace title of table with:

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

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

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7.2.6 Hipped roofs

Replace 7.2.6 (1) and 7.2.6 (3) with:

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