

Eurocode 1: Actions on structures —

Part 1-4: General actions — Wind actions

ICS 91.010.30

National foreword

This British Standard is the UK implementation of EN 1991-1-4:2005+A1:2010, incorporating corrigendum January 2010. It supersedes BS EN 1991-1-4:2005 which is withdrawn. Details of superseded British Standards are given in the table below.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by **A1** **A1**.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags. Text altered by CEN corrigendum January 2010 is indicated in the text by **AC2** **AC2**.

NOTE The content of CEN corrigendum January 2010 replaced the content of CEN corrigendum July 2009.

The structural Eurocodes are divided into packages by grouping Eurocodes for each of the main materials: concrete, steel, composite concrete and steel, timber, masonry and aluminium; this is to enable a common date of withdrawal (DOW) for all the relevant parts that are needed for a particular design. The conflicting national standards will be withdrawn at the end of the coexistence period, after all the EN Eurocodes of a package are available.

Following publication of the EN, there is a period allowed for national calibration during which the National Annex is issued, followed by a co-existence period of a maximum three years. During the co-existence period Member States are encouraged to adapt their national provisions. At the end of this co-existence period, the conflicting parts of national standard(s) will be withdrawn.

In the UK, the following national standards are superseded by the Eurocode 1 series and, based on this transition period, these standards have now been withdrawn.

Eurocode	Superseded British Standards
EN 1991-1-1	BS 6399-1:1996
EN 1991-1-2	none
EN 1991-1-3	BS 6399-3:1988
EN 1991-1-4	BS 6399-2:1997, BS 5400-2:1978*
EN 1991-1-5	BS 5400-2:1978*
EN 1991-1-6	none
EN 1991-1-7	none
EN 1991-2	BS 5400-1:1988, BS 5400-2:1978*
EN 1991-3	none
EN 1991-4	none

* BS 5400-2:1978 will not be fully superseded until publication of Annex A.2 to BS EN 1990:2002.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 25 April 2005

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Amendments/corrigenda issued since publication

Date	Comments
31 December 2009	Implementation of CEN corrigendum July 2009
31 August 2010	Implementation of CEN corrigendum January 2010
31 January 2011	Implementation of CEN amendment A1:2010

ISBN 978 0 580 68497 5

The UK participation in its preparation was entrusted by Technical Committee B/525, Building and civil engineering structures, to Subcommittee B/525/1, Actions (loadings) and basis of design.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Where a normative part of this EN allows for a choice to be made at the national level, the range and possible choice will be given in the normative text, and a note will qualify it as a Nationally Determined Parameter (NDP). NDPs can be a specific value for a factor, a specific level or class, a particular method or a particular application rule if several are proposed in the EN.

To enable EN 1991-1-4 to be used in the UK, the NDPs have now been published in a National Annex.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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 European Standard was approved by CEN on 4 June 2004.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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