

**DIN EN 1991-1-3**

ICS 91.010.30

Supersedes: see below

**Eurocode 1: Actions on structures –  
Part 1-3: General actions – Snow loads  
(includes Corrigendum AC:2009)  
English translation of DIN EN 1991-1-3:2010-12**

Eurocode 1: Einwirkungen auf Tragwerke –  
Teil 1-3: Allgemeine Einwirkungen, Schneelasten  
(enthält Berichtigung AC:2009)  
Englische Übersetzung von DIN EN 1991-1-3:2010-12

Eurocode 1: Actions sur les structures –  
Partie 1-3: Actions générales – Charges de neige  
(Corrigendum AC:2009 inclus)  
Traduction anglaise de DIN EN 1991-1-3:2010-12

Supersedes DIN EN 1991-1-3:2004-09;  
together with DIN EN 1991-1-3/NA:2010-12, supersedes DIN 1055-5:2005-07;  
supersedes DIN EN 1991-1-3 Corrigendum 1:2009-09

Document comprises 58 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



*A comma is used as the decimal marker.*

## National foreword

This standard has been prepared by Technical Committee CEN/TC 250 “Structural Eurocodes” (Secretariat: BSI, United Kingdom).



The responsible German body involved in its preparation was the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee), Working Committee NA 005-51-02 AA *Einwirkungen auf Bauten* (Sp CEN/TC 250/SC 1).

This document includes Corrigendum AC:2009, approved by CEN on 11 March 2009.

This European Standard is part of a series of standards dealing with structural design (Eurocodes) which are intended to be used as a ‘package’. In Guidance Paper L on the application and use of Eurocodes, issued by the EU Commission, reference is made to compulsory transitional periods for the introduction of the Eurocodes in the member states. The transitional periods are given in the Foreword of this standard.

In Germany, this standard is to be applied in conjunction with the National Annex.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. DIN [and/or DKE] shall not be held responsible for identifying any or all such patent rights.

The start and finish of text introduced or altered by amendment is indicated in the text by tags  .

## Amendments

This standard differs from DIN V ENV 1991-1-3:1996-01 as follows:

- a) the prestandard status has been changed to that of a full standard;
- b) the comments received from the national standards bodies have been taken into account and the text of the standard has been completely revised.

Compared with DIN EN 1991-1-3:2004-09, DIN EN 1991-1-3 Corrigendum 1:2009-09 and DIN 1055-5:2005-07, the following corrections have been made:

- a) the standard has been based on European design rules;
- b) superseding notes have been corrected;
- c) this standard is the consolidated version of the previous 2003 edition with Corrigendum AC:2009;
- d) the standard has been editorially revised.

## Previous editions

DIN 1055: 1936xx-12, 1975-06

DIN 1055-5: 2005-07

DIN 1055-5/A1: 1994-04

DIN V EN V 1991-1-3: 1996-01

DIN EN 1991-1-3: 2004-09

DIN EN 1991-1-3 Corrigendum 1: 2009-09

ICS 91.010.30

English version

**Eurocode 1: Actions on structures —  
Part 1-3: General actions — Snow loads**

Eurocode 1: Actions sur les structures —  
Partie 1-3: Actions générales — Charges de neige

Eurocode 1: Einwirkungen auf Tragwerke —  
Teil 1-3: Allgemeine Einwirkungen — Schneelasten

EN 1991-1-3:2003 was approved by CEN on 2002-10-09 and Corrigendum AC:2009 on 2009-03-11.

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 Management Centre or to any CEN member.

The European Standards exist 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 Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
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## **Foreword to EN 1991-1-3:2003 + AC:2009**

This document (EN 1991-1-3:2003 + AC:2009) 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 January 2004, and conflicting national standards shall be withdrawn at the latest by March 2010.

This document supersedes ENV 1991-2-3:1995.

CEN/TC 250 is responsible for all Structural Eurocodes.

Annexes A and B are normative, Annexes C, D and E are informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom. 

### **Background of the Eurocode programme**

In 1975, the Commission of the European Community decided on an action programme in the field of construction, based on article 95 of the Treaty. The objective of the programme was the elimination of technical obstacles to trade and the harmonisation of technical specifications.

Within this action programme, the Commission took the initiative to establish a set of harmonised technical rules for the design of construction works which, in a first stage, would serve as an alternative to the national rules in force in the Member States and, ultimately, would replace them.

For fifteen years, the Commission, with the help of a Steering Committee with Representatives of Member States, conducted the development of the Eurocodes programme, which led to the first generation of European codes in the 1980's.

In 1989, the Commission and the Member States of the EU and EFTA decided, on the basis of an agreement<sup>1</sup> between the Commission and CEN, to transfer the preparation and the publication of the Eurocodes to the CEN through a series of Mandates, in order to provide them with a future status of European Standard (EN). This links *de facto* the Eurocodes with the provisions of all the Council's Directives and/or Commission's Decisions dealing with European

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<sup>1</sup> Agreement between the Commission of the European Communities and the European Committee for Standardisation (CEN) concerning the work on EUROCODES for the design of building and civil engineering works (BC/CEN/03/89).