

Eurocode 8 — Design of structures for earthquake resistance —

Part 3: Assessment and retrofitting of buildings

ICS 91.120.25

National foreword

This British Standard is the UK implementation of EN 1998-3:2005, incorporating corrigenda March 2010 and August 2013. It supersedes DD ENV 1998-1-4:1996 which is withdrawn.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags. Text altered by CEN corrigendum March 2010 is indicated in the text by $\overline{\text{AC}_1}$ $\langle \text{AC}_1 \rangle$. Text altered by CEN corrigendum August 2013 is indicated in the text by $\overline{\text{AC}_2}$ $\langle \text{AC}_2 \rangle$.

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 The conflicting national standards will be withdrawn at the end of the coexistence period, after all the EN Eurocodes of a package are available.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 of two years allowed for the national calibration period during which the national annex is issued, followed by a three year coexistence period. During the coexistence period Member States will be encouraged to adapt their national provisions to withdraw conflicting national rules before the end of the coexistence period. The Commission in consultation with Member States is expected to agree the end of the coexistence period for each package of Eurocodes.

At the end of the coexistence period, the national standards will be withdrawn. In the UK, there is no corresponding national standard.

The UK participation in its preparation was entrusted by Technical Committee B/525, Building and civil engineering structures, to Subcommittee B/525/8, Structures in seismic regions.

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.

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Amendments/corrigenda issued since publication

Date	Comments
30 April 2010	Implementation of CEN corrigendum March 2010
31 August 2013	Implementation of CEN corrigendum August 2013

To enable EN 1998 to be used in the UK, the NDPs will be published in a National Annex, which will be made available by BSI in due course, after public consultation has taken place.

There are generally no requirements in the UK to consider seismic loading, and the whole of the UK may be considered an area of very low seismicity in which the provisions of EN 1998 need not apply. There is no intention to produce a National Annex to this standard and therefore where it is necessary that seismic assessment and retrofit of a building is performed to the provisions of EN 1998-3, the specifier should confirm the values of the NDPs to be used.

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.