SLOVENSKI STANDARD
SIST EN 1998-5:2024/oprA1:2026

01-maj-2026

Evrokod 8 - Projektiranje potresnoodpornih konstrukcij - 5. del: Geotehnični vidiki, temelji, oporne in podzemne konstrukcije

Eurocode 8 - Design of structures for earthquake resistance - Part 5: Geotechnical aspects, foundations, retaining and underground structures

Eurocode 8 - Auslegung von Bauwerken gegen Erdbeben - Teil 5: Geotechnische Aspekte, Gründungen, Stütz- und Untertagebauwerke

Eurocode 8 - Calcul des structures pour leur résistance au séisme - Partie 5 : Aspects géotechniques, fondations, soutènements et structures souterraines

Ta slovenski standard je istoveten z: **EN 1998-5:2024/prA1**

ICS:

91.010.30	Tehnični vidiki	Technical aspects
91.120.25	Zaščita pred potresi in vibracijami	Seismic and vibration protection

SIST EN 1998-5:2024/oprA1:2026 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT EN 1998-5:2024

prA1

March 2026

ICS 91.010.30; 91.120.25

English Version

Eurocode 8 - Design of structures for earthquake resistance - Part 5: Geotechnical aspects, foundations, retaining and underground structures

Eurocode 8 - Calcul des structures pour leur résistance au séisme - Partie 5 : Aspects géotechniques, fondations, soutènements et structures souterraines

Eurocode 8 - Auslegung von Bauwerken gegen Erdbeben - Teil 5: Geotechnische Aspekte, Gründungen, Stütz- und Untertagebauwerke

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

This draft amendment A1, if approved, will modify the European Standard EN 1998-5:2024. 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-CENELEC 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN 1998-5:2024/prA1:2026 E

Contents

Page

European foreword

This document (EN 1998-5:2024/prA1:2026) has been prepared by Technical Committee CEN/TC 250 “Structural Eurocodes”, the secretariat of which is held by BSI. CEN/TC 250 is responsible for all Structural Eurocodes and has been assigned responsibility for structural and geotechnical design matters by CEN.

This document is an amendment to EN 1998-5:2024 and is currently submitted to the CEN Enquiry.

The following main changes to EN 1998-5:2024 are included in the amendment:

— modification of Clause 8.1 to account for radiation damping in the force-based approach, in a similar way as in the displacement-based approach;

— addition of formulas for the variation with frequency of the real part of foundation impedances;

— specification of the domain of validity of pile stiffnesses;

— addition of radiation dashpots for pile foundations.

The first generation of EN Eurocodes was published between 2002 and 2007. This document forms part of the second generation of the Eurocodes, which have been prepared under Mandate M/515 issued to CEN by the European Commission and the European Free Trade Association.

The Eurocodes have been drafted to be used in conjunction with relevant execution, material, product and test standards, and to identify requirements for execution, materials, products and testing that are relied upon by the Eurocodes.

The Eurocodes recognize the responsibility of each Member State and have safeguarded their right to determine values related to regulatory safety matters at national level through the use of National Annexes.