
Evrokod 5 - Projektiranje lesenih konstrukcij - 2. del: Mostovi

Eurocode 5 - Design of timber structures - Part 2: Bridges

Eurocode 5 - Bemessung und Konstruktion von Holzbauten - Teil 2: Brücken

Eurocode 5 - Calcul des structures en bois - Partie 2 : Ponts

Ta slovenski standard je istoveten z: EN 1995-2:2026/prA1

ICS:

91.010.30	Tehnični vidiki	Technical aspects
91.080.20	Lesene konstrukcije	Timber structures
93.040	Gradnja mostov	Bridge construction

SIST EN 1995-2:2026/oprA1:2026

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Sample Document

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 1995-2:2026
prA1

September 2026

ICS 91.010.30

English Version

Eurocode 5 - Design of timber structures - Part 2: Bridges

Eurocode 5 - Calcul des structures en bois - Partie 2 :
Ponts

Eurocode 5 - Bemessung und Konstruktion von
Holzbauten - Teil 2: Brücken

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 1995-2:2026. 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.

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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.

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European foreword

This document (EN 1995-2:2026/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 currently submitted to the CEN Enquiry.

This document will amend EN 1995-2:2026.

NOTE Some modifications are purely editorial corrections to improve the quality of the document and these will not be tagged in the consolidated publication, as noted after the modification.

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.

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1 Modifications throughout the whole document

Replace “CEN/TS 19103” with “EN 1995-1-3” and update throughout the text when an undated reference is given.

Replace “CEN/TS 19103:2021” with “prEN 1995-1-3:2026” and update throughout the text when a dated reference is given.

Replace “grouting” with “filling”, “national annex” with “National Annex”, “Traffic Classes” with “traffic classes” and “weather-resistant” with “weather-protecting”.

Replace “sealing system” with “waterproofing system” and “sealing”/“sealings” with “sealant”/“sealants”.

Replace “is given” with “can be given” in the note for B.1(1), D.1(1), E.1(1) and F.1(1).

2 Modification to Introduction

In 0.2, replace “CEN/TS 19103 Eurocode 5 — Design of Timber Structures — Structural design of timber-concrete composite structures — Common rules and rules for buildings” with “EN 1995-1-3¹, Eurocode 5 — Design of timber structures — Part 1-3: Timber-concrete composite structures”.

In 0.5, delete “4.3.1.3(1)” from the list of nationally determined parameters. Arrange the list of informative annexes in alphabetical order.

3 Modification to Clause 1, “Scope”

In 1.1(1), delete “, i.e. structural members of importance for the reliability of the whole bridge or major parts of it,”. Add a new paragraph after (1) “The provisions of this document supplement, and in some cases modify or supersede, provisions given EN 1995-1-1.” and renumber the subsequent paragraphs.

In 1.1(3), replace “Systems” with “TCC structures”.

4 Modification to Clause 2, “Normative References”

Replace “CEN/TS 19103:2021, Eurocode 5: Design of Timber Structures - Structural design of timber-concrete composite structures - Common rules and rules for buildings” with “prEN 1995-1-3:2026, Eurocode 5 — Design of timber structures — Part 1-3: Timber-concrete composite structures”.

5 Modification to Clause 3, “Terms, definitions, symbols and abbreviations”

In 3.1.2, in Note 1 to entry, delete “or side faces”.

In 3.1.3, replace “that is partially protected or unprotected from weathering” with “which is partially or fully exposed to direct weathering”.

In 3.1.4, replace “(3.1.2)” with “(3.1.3)”, apply italic type font for “protected bridge” and add “for all main members” to the end of the sentence.

In 3.1.5, replace “layer” with “waterproofing membrane”. Delete the note to entry.

In 3.1.7, add “waterproofing” between “floating” and “system” and replace the definition with “system of layers consisting of a sealant (3.1.5) protected from traffic, not capable of transferring shear stresses between the surface composition and superstructure”.

In 3.1.10, replace “member” with “element” and “comprised” with “comprising”.

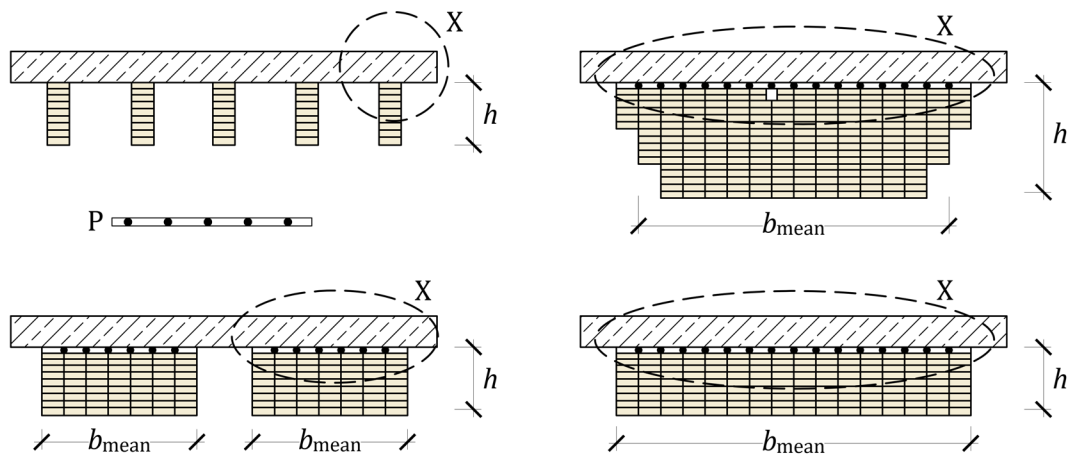
In 3.1.11, replace the definition with “transversally post-tensioned laminated timber deck (3.1.10)”.

¹ In development, currently at Enquiry stage

In 3.1.12, delete “laminated deck plate made of” and add “laminated timber deck (3.1.10)” to the end of the sentence.

In 3.1.13, replace “used in a deck structure” with “directly subjected to traffic”. In the note to entry, replace “Deck planks usually have clearances between each other” with “Usually there is a clearance between adjacent deck planks”.

In Figure 3.2, replace the subfigures with the updated figures and add “P protection against penetration of mixing water from fresh concrete” to the key.



In 3.1.15, in the example, replace “height” with “depth”.

In 3.2.2, for e , replace the definition with “distance between the centres of gravity of the timber and concrete cross-sections”. For $f_{sl,min}$, replace the definition with “minimum long-term residual compressive force due to tensioning between laminations, per unit length”.

In 3.2.4, add “ α inclination of rainfall” to the top of the list. 3.2.4 Replace “ ω ” with “ $\omega_{up,mean}$ ” and add “upper limit of average” before “moisture content”. Replace “ $\Delta\omega$ ” with “ $\Delta\omega_1$ ” and “variation of yearly moisture content averaged over the cross section” with “variation of average moisture to calculate dimensional changes of section”. Move γ_1 after α , $\delta_{(i)}$ after γ_1 and $\sigma_{fat,max,d}$ after $\mu_{(X)}$.

6 Modification to Clause 4, “Basis of design”

In 4.1.2.2(1), add “structural” before two instances of “members” and delete “for protected timber bridges”.

In 4.1.2.2(2), replace “Service Class” with “service class” and delete “and Use Class (UC) 2”. In the note, delete “; for use classes, see EN 335”.

In 4.1.2.2, add “(3) Protected members should be assigned to use class (UC) 2 maximum.”

NOTE 1 For use classes, see EN 335.

NOTE 2 UC 1 can be achieved if sufficient ventilation is ensured, see EN 335:2013, Table A.1.”

In 4.1.2.4(2), delete the second instance of “shall be”.

In 4.1.2.4(3), replace “Further” with “Other”.

In 4.1.3(2), replace “of the bridge should ensure that in case the damage of a component due to accidental actions occurs” with “should ensure that if a component is damaged or fails due to an accidental action”.

In NOTE 2, replace “The National Annex can define” with “Examples of” and “assessments. Examples of such components” with “assessments,”.

Replace Table 4.2 with: