

**NATIONAL ANNEX
TO
EN 1995 Eurocode 5: Design of Timber Structures
Part 2: Bridges**

Public Enquiry Draft

Period of Enquiry

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Readers are advised that this is a draft document and subject to change

**Prepared by: Eurocodes Committee
Ministry of Interior / Technical Chamber of Cyprus**

INTRODUCTION

This National Annex has been prepared by the Eurocodes Committee of the Technical Chamber of Cyprus which was commissioned by the Ministry of Interior of the Republic of Cyprus

NA 1 SCOPE

This National Annex is to be used together with CYS EN 1995-2:2004

This National Annex gives:

- (a) Nationally determined parameters for the following clauses of CYS EN 1995-2:2004 where National choice is allowed (see Section NA 2)
 - 2.3.1.2(1) Load-duration assignment
 - 2.4.1 Partial factors for material properties
 - 7.2 Limiting values for deflections
 - 7.3.1(2) Damping ratios
- (b) Decisions on the use of the Informative Annexes A and B (see Section NA 3)
- (c) References to non-contradictory complementary information to assist the user to apply CYS EN 1995-2:2004 (see Section NA 4).

NA 2 NATIONALLY DETERMINED PARAMETERS

NA 2.1 Clause 2.3.1.2(1) – Load-duration assignment

Load duration for actions during erection shall be regarded as short term

NA 2.2 Clause 2.4.1. – Partial factors for material properties

- For fundamental combinations the partial factors for material properties γ_M shall be taken from Table 2.1 of CYS EN 1995-2:2004
- For accidental combinations the value of partial factor shall be $\gamma_M = 1.0$

NA 2.3 Clause 7.2 Limiting values for deflections

The limiting values for deflections shall be taken from Table 7.1 (CYS):

Table 7.1 (CYS) – Limiting values for deflections for beams, plates and trusses

Action	Limiting value
Characteristic traffic load	<i>l/400</i>
Pedestrian load and low traffic load	<i>l/200</i>

NA 2.4 Clause 7.3.1(2) Damping ratios

Where no other values have been verified, the damping ratio should be taken as

- $\zeta = 0.010$ for structures without mechanical joints
- $\zeta = 0.015$ for structures with mechanical joints

FINAL DRAFT

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NA 3 DECISION ON USE OF THE INFORMATIVE ANNEXES

NA 3.1 Annex A

Annex A may be used

NA 3.2 Annex B

Annex B may be used

NA 4 REFERENCES TO NON-CONTRADICTORY COMPLEMENTARY INFORMATION

None

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