

NATIONAL ANNEX
TO
CYS EN 1995 Eurocode 5: Design of Timber Structures
Part 1-2: General – Structural fire design

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 1995-1-2:2004/AC:2009

This National Annex gives:

- (a) Nationally determined parameters for the following clauses of CYS EN 1995-1-2:2004/AC:2009 where National choice is allowed (see Section NA 2)
 - 2.1.3(2) Maximum temperature rise for separating function in parametric fire exposure
 - 2.3(1)P Partial safety factor for material properties
 - 2.3(2)P Partial safety factor for material properties
 - 2.4.2(3) Reduction factor for combination of actions
 - 4.2.1(1) Method for determining cross-sectional properties
- (b) Decisions on the use of the Informative Annexes A, B, C, D, E and D (see Section NA 3)
- (c) References to non-contradictory complementary information to assist the user to apply CYS EN 1995-1-2:2004/AC:2009 (see Section NA 4).

NA 2 NATIONALLY DETERMINED PARAMETERS

NA 2.1 Clause 2.1.3(2) Maximum temperature rise for separating function in parametric fire exposure

The values of $\Delta\theta_1 = 200$ K and $\Delta\theta_2 = 240$ K shall be used

NA 2.2 Clause 2.3 Partial safety factor for material properties

(1)P The value for the partial safety factor for material properties shall be specified as $\gamma_{M,fi}=1.00$

(2)P The value for the partial safety factor for material properties shall be specified as $\gamma_{M,fi}=1.00$

NA 2.3 Clause 2.4.2(3) Reduction factor for combination of actions

The reduction factor shall take the value of $\eta_{fi}=0.6$ for all cases except in the case of imposed loads according to category E given in EN 1991-2-1:2002 (areas susceptible to accumulation of goods, including access areas), when it shall be taken as $\eta_{fi}=0.7$.

NA 2.4 Clause 4.2.1(1) Simplified rules for determining cross-sectional properties

The method given in 4.2.2 shall be used

NA 3 DECISION ON USE OF THE INFORMATIVE ANNEXES

NA 3.1 Annex A

Annex A may be used

FINAL DRAFT

National Annex to CYS EN 1995-1-2:2004/AC:2009 Eurocode 1995: Design of Timber Structures
Part 1-2: General – Structural Fire Design

NA 3.2 Annex B

Annex B may be used

NA 3.3 Annex C

Annex C may be used

NA 3.4 Annex D

Annex D may be used

NA 3.5 Annex E

Annex E may be used

NA 3.6 Annex F

Annex F may be used

NA 4 REFERENCES TO NON-CONTRADICTORY COMPLEMENTARY INFORMATION

None