

***NATIONAL ANNEX
TO
CYS EN 1999-1-2:2007
(Including AC:2009)***

***Eurocode 9: Design of
Aluminium structures***

***Part 1-2: Structural
fire design***



NATIONAL ANNEX
TO
CYS EN 1999-1-2:2007
(Including AC:2009)
Eurocode 9: Design of Aluminium structures
Part1-2: Structural fire design

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INTRODUCTION

This National Annex has been prepared by the CYS TC 18 Standardisation Technical Committee of Cyprus Organisation for Standardisation. (CYS)

NA 1 SCOPE

This National Annex is to be used together with CYS EN 1999-1-2:2007 including AC: 2009. Any reference in the rest of this text to CYS EN 1999-1-2:2007 means the above document.

This National Annex gives:

- (a) Nationally determined parameters for the following clauses of CYS EN 1999-1-2:2007 where National choice is allowed (see Section NA 2)
 - 2.3 (1)
 - 2.3 (2)
 - 2.4.2 (3)
 - 4.2.2.1 (1)
 - 4.2.2.3 (5)
 - 4.2.2.4 (5)
- (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 1999-1-2:2007. In this National Annex such information is provided for the following clauses in CYS EN 1999-1-2:2007 (see Section NA 4).

NA 2 NATIONALLY DETERMINED PARAMETERS

NA 2.1 Clause 2.3 (1) Design values of material properties

For mechanical properties of aluminium, the partial safety factor for the fire situation is defined to be $\gamma_{M,fi} = 1,0$.

NA 2.2 Clause 2.3 (2) Design values of material properties (thermal material properties)

For thermal properties of aluminium, the partial safety factor for the fire situation is defined to be $\gamma_{M,fi} = 1,0$.

NA 2.3 Clause 2.4.2 (3) Member analysis

For the values of γ_G , $\gamma_{Q,1}$, ψ_{fi} and ξ see CYS EN 1990.

NA 2.4 Clause 4.2.2.1 (1) Classification of cross-sections

No further provisions are given.

NA 2.5 Clause 4.2.2.3 (5) Beams

No further provisions are given.

NA 2.6 Clause 4.2.2.4 (5) Columns

No further provisions are given.

NA 3 DECISION ON USE OF THE INFORMATIVE ANNEXES A AND B

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

**NA to
CYS EN
1999-1-2:2007
(Including
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