

***NATIONAL ANNEX  
TO  
CYS EN 1999-1-4:2007  
(Including AC:2009  
and A1:2011)***

***Eurocode 9: Design of  
aluminium structures***

***Part 1-4: Cold-formed  
structural sheeting***



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**TO**  
**CYS EN 1999-1-4:2007**  
**(Including AC:2009, A1:2011)**  
**Eurocode 9: Design of aluminium structures**  
**Part 1-4: Cold-formed structural sheeting**

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## INTRODUCTION

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

### NA 1 SCOPE

This National Annex is to be used together with CYS EN 1999-1-4:2007 including AC:2009+A1:2011. Any reference in the rest of this text to CYS EN 1999-1-4:2007 means the above document.

This National Annex gives:

- (a) Nationally determined parameters for the following clauses of CYS EN 1999-1-4:2007 where National choice is allowed (see Section NA 2)
  - 2 (3)
  - 2 (4)
  - 2 (5)
  - 3.1 (3)
  - 7.3 (3)
  - A.1 (1)
  - A.3.4 (3)
- (b) Decision on the use of the Informative Annex B (see Section NA 3)
- (c) References to non-contradictory complementary information to assist the user to apply CYS EN 1999-1-4:2007. In this National Annex such information is provided for the following clauses in CYS EN 1999-1-4:2007 (see Section NA 4).

## NA 2 NATIONALLY DETERMINED PARAMETERS

### NA 2.1 Clause 2 (3) Basis of design

The numerical values for  $\gamma_{Mi}$  for buildings are defined as:

$$\gamma_{M1} = 1,10$$

$$\gamma_{M2} = 1,25$$

$$\gamma_{M3} = 1,25$$

### NA 2.2 Clause 2 (4) Basis of design

The numerical value for  $\gamma_{M,ser}$  for buildings is defined as:

$$\gamma_{M,ser} = 1,0.$$

### NA 2.3 Clause 2 (5) Basis of design

No further rules are given.

### NA 2.4 Clause 3.1 (3) General

No further guidance is given for other aluminium materials and products.

### **NA 2.5 Clause 7.3 (3) Deflections**

No certain limits are specified.

### **NA 2.6 Clause A.1 (1) General**

No further information on testing and on the evaluation of test results is given.

No convection factors for existing test results to be equivalent to the outcome of standardized test according to Annex A of CYS EN1999-1-4:2007 are available.

### **NA 2.7 Clause A.3.4 (3) Design values**

In the case of sheeting the value for  $\gamma_{\text{sys}}$  is specified as  $\gamma_{\text{sys}} = 1,0$ .

No certain value for  $\gamma_{\text{M}}$  is specified.

## **NA 3 DECISION ON USE OF THE INFORMATIVE ANNEX B**

### **NA 3.1 Annex B**

Annex B may be used

## **NA 4 REFERENCES TO NON-CONTRADICTIONARY COMPLEMENTARY INFORMATION**

None



**NA to CYS EN  
1999-1-4:2007  
(Including  
AC:2009 and  
A1:2011)**

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