



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 1993-1-12:2007

**Eurocode 3 - Design of steel structures
- Part 1-12: Additional rules for the
extension of EN 1993 up to steel grades
S 700**

Eurocode 3 - Calcul des structures en
acier - Partie 1-12 : Règles additionnelles
pour l'utilisation de l'EN 1993 jusqu'à la
nuance d'acier S 700

Eurocode 3: Bemessung und
Konstruktion von Stahlbauten - Teil 1-12:
Zusätzliche Regeln zur Erweiterung von
EN 1993 auf Stahlsorten bis S 700

02/2007



National Foreword

This European Standard EN 1993-1-12:2007 was adopted as Luxembourgish Standard ILNAS-EN 1993-1-12:2007.

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- Participate in the design of standards
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ILNAS-EN 1993-1-12:2007

EUROPEAN STANDARD **EN 1993-1-12**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

**Eurocode 3 - Design of steel structures - Part 1-12: Additional
rules for the extension of EN 1993 up to steel grades S 700**

Eurocode 3 - Calcul des structures en acier - Partie 1-12 :
Règles additionnelles pour l'utilisation de l'EN 1993 jusqu'à
la nuance d'acier S 700

Eurocode 3: Bemessung und Konstruktion von Stahlbauten
- Teil 1-12: Zusätzliche Regeln zur Erweiterung von EN
1993 auf Stahlsorten bis S 700

This European Standard was approved by CEN on 6 July 2006.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This European Standard EN 1993-1-12, “Eurocode 3: Design of steel structures: Part 1-12: Additional rules for the extension of EN 1993 up to steel grades S 700”, has been prepared by Technical Committee CEN/TC250 « Structural Eurocodes », the Secretariat of which is held by BSI. CEN/TC250 is responsible for all Structural Eurocodes.

This European Standard shall be given the status of a National Standard, either by publication of an identical text or by endorsement, at the latest by August 2007, and conflicting National Standards shall be withdrawn at latest by March 2010.

According to the CEN-CENELEC Internal Regulations, the National Standard Organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

National annex for EN 1993-1-12

This standard gives alternative procedures, values and recommendations with notes indicating where national choices may have to be made. Therefore the National Standard implementing EN 1993-1-12 should have a National annex containing all Nationally Determined Parameters to be used for the design of steel structures to be constructed in the relevant country.

National choice is allowed in EN 1993-1-12 through:

- 2.1 (3.1(2))
- 2.1 (3.2.2(1))
- 2.1 (5.4.3(1))
- 2.1 (6.2.3(2))
- 2.8 (4.2(2))
- 3 (1)

1 General

1.1 Scope

(1) This EN 1993-1-12 gives rules that can be used in conjunction with parts

- EN1993-1-1
- EN 1993-1-2
- EN 1993-1-3
- EN 1993-1-4
- EN 1993-1-5
- EN 1993-1-6
- EN 1993-1-7
- EN 1993-1-8