

Timber structures — Product requirements for prefabricated trusses using punched metal plate fasteners

The European Standard EN 1059:1999 has the status of a
British Standard

ICS 91.080.20

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents



Document Sharing Hub

National foreword

This British Standard is the English language version of EN 1059:1999.

The UK participation in its preparation was entrusted by Technical Committee B/525, Building and civil engineering structures, to Subcommittee B/525/5, Structural use of timber, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 8, an inside back cover and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

This British Standard, having been prepared under the direction of the Sector Committee for Building and Civil Engineering, was published under the authority of the Standards Committee and comes into effect on 15 December 1999

© BSI 12-1999

ISBN 0 580 35203 X

Amendments issued since publication

Amd. No.	Date	Comments

ICS 91.080.20

English Version

**Timber structures — Product requirements for prefabricated trusses
using punched metal plate fasteners**

Structures en bois — Exigences de produits pour
fermes industrialisées utilisant des connecteurs à
plaque métallique emboutie

Holzbauwerke — Produktanforderungen an
vorgefertigte Fachwerkträgern mit Nagelplatten

This European Standard was approved by CEN on 7 June 1999.

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 bibliographic references concerning such national standards may be obtained on application to the Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Czech Republic, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36

B-1050 Brussels

© 1999 CEN

All rights of exploitation in any form and by any means reserved
worldwide for CEN national Members.

Ref. No. EN 1059:1999 E

CONTENTS

	<u>Page</u>
Foreword	3
Introduction	3
1 Scope	3
2 Normative references	3
3 Definitions	4
4 Symbols	5
5 Material requirements	5
5.1 Timber	5
5.1.1 Strength	5
5.1.2 Permissible geometric defects	5
5.1.3 Finger jointed timber	5
5.1.4 Protection	5
5.2 Punched metal plate fasteners	5
5.2.1 Strength	5
5.2.2 Marking	5
5.2.3 Protection.	5
6 Product requirements	6
6.1 Truss Members	6
6.1.1 Timber Sizes	6
6.1.2 Wane	6
6.1.3 Joint gaps	6
6.1.4 Moisture Content	6
6.1.5 Dimensional Accuracy	6
6.1.6 Camber	6
6.2 Truss Connections	6
6.2.1 Live knots	6
6.2.2 Dead knots	7
6.2.3 Fastener positioning	7
6.2.4 Fastener installation	7
6.2.5 Protruding fasteners	7
7 Product Documents	7
7.1 Information to manufacture the product	7
7.2 Information to accompany the product	7
7.3 Document Retention	7
8 Marking	7