

Furniture — Chairs and tables for educational institutions —

Part 1: Functional dimensions

ICS 03.180;97.140

National foreword

This Draft for Development is the official English language version of ENV 1729-1:2001.

This publication is not to be regarded as a British Standard.

It is being issued in the Draft for Development series of publications and is of a provisional nature because experience with the application of the dimensions in the standard is required before it will be accepted. It should be applied on this provisional basis, so that the information and experience of its practical application may be obtained.

Comments arising from the use of this Draft for Development are requested so that the UK experience can be reported to the European Organization responsible for its conversion into a European Standard. A review of this publication will be initiated 2 years after its publication by the European organization so that a decision can be taken on its status at the end of its three-year life. The commencement of this review period will be notified by an announcement in *Update Standards*.

According to the replies received by the end of the review period, the responsible BSI Committee will decide whether to support the conversion into a European Standard, to extend the life of the prestandard or to withdraw it. Comments should be sent in writing to the Secretary of BSI Technical Committee FW/4, Educational furniture, at 389 Chiswick High Road, London W4 4AL, giving the document reference and clause number and proposing, where possible, an appropriate revision of the text.

A list of organizations represented on this committee 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.

This British Standard, having been prepared under the direction of the Consumer Products and Services Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 August 2001

Summary of pages

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English version

Furniture - Chairs and tables for educational institutions -Part 1:Functional dimensions

Meubles - Chaises et tables pour les établissements
d'enseignement - Partie 1:Dimensions fonctionnelles

Möbel - Stühle und Tische für Bildungseinrichtungen - Teil
1:Funktionsmaße

This European Prestandard (ENV) was approved by CEN on 7 April 2001 as a prospective standard for provisional application.

The period of validity of this ENV is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the ENV can be converted into a European Standard.

CEN members are required to announce the existence of this ENV in the same way as for an EN and to make the ENV available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the ENV) until the final decision about the possible conversion of the ENV into an EN is reached.

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Foreword

This European Prestandard has been prepared by Technical Committee CEN/TC 207 "Furniture", the secretariat of which is held by IBN.

Annexes A and B are informative.

This European Prestandard includes a Bibliography.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this European Prestandard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This European Prestandard is based upon the principle that chairs and tables, intended for use in educational institutions for general purpose education, should be designed to encourage good postures for those using them.

This European Prestandard takes the best known national standards into consideration.

It provides for a wide range of designs, including fixed or adjustable furniture, especially as regards dimensions, which apply to several ergonomic principles.

This European Prestandard does not specify whether the furniture shall be fixed or adjustable, but it does not prevent such furniture from fulfilling the requirements of the Prestandard.

This European Prestandard does not provide one solution. School furniture can be adapted to the different applications in practice. It allows a number of interpretations to be made, taking into consideration local customs, principles for the arrangement of class rooms and finally the conditions and financial circumstances in each country.

The data on which the Prestandard is based derives from those documents mentioned in the Bibliography.

1 Scope

This European Prestandard specifies functional dimensions and marking for chairs and tables for general educational purposes in educational institutions.

The Prestandard does not apply to computer related and special purpose workstations, e.g. offices, laboratories, ranked seating, workshops, and spaces for design and technology.

NOTE Part 2 of this Prestandard specifies safety requirements and test methods.

2 Terms and definitions

For the purposes of this European Prestandard, the following terms and definitions apply.

2.1

median plane

vertical plane passing through the geometrical centre of the seat, dividing the seat from front to rear into two equal parts (see Figure 5)

2.2

transverse plane

vertical plane perpendicular to the median plane passing through the geometrical centre of the seat (see Figure 5)

2.3

foremost point of the backrest

foremost point on the median plane

If the backrest is adjustable, the foremost point of the backrest is determined when the backrest is in its most forward position.