DRAFT INTERNATIONAL STANDARD ISO/DIS 6443
Attributed to ISO/TC **162** by the Central Secretariat (see page ii)

Voting begins on
2002-09-26

Voting terminates on
2003-02-26

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

FAST-TRACK PROCEDURE

Door leaves — Method for measurement of height, width, thickness and squareness

[Revision of first edition (6443:1980)]

Vantaux de portes — Méthode de mesure de la hauteur, la largeur, l'épaisseur et l'équerrage

ICS 91.060.50

NOTE FROM THE ISO CENTRAL SECRETARIAT

This draft International Standard is submitted for voting to ISO member bodies under the fast-track procedure.

ISO/TC 162 *Doors and windows*, at its meeting held in September 2001, proposed that the EN standard 951, *Door leaves -- Method for measurement of height, width, thickness and squareness* be submitted for vote under the "Fast-track procedure", in accordance with the provisions of clause F.2, Annex F, of the ISO/IEC Directives, Part 1 (fourth edition, 2001) :

F.2 “Fast-track procedure”

F.2.1 Proposals to apply the fast-track procedure may be made as follows.

F.2.1.1 Any P-member or category A liaison organization of a concerned technical committee may propose that an **existing standard from any source** be submitted for vote as an enquiry draft. The proposer shall obtain the agreement of the originating organization before making a proposal. The criteria for proposing an existing standard for the fast-track procedure are a matter for each proposer to decide.

F.2.1.2 An international standardizing body recognized by the ISO or IEC council board may propose that a **standard developed by that body** be submitted for vote as a final draft International Standard.

F.2.1.3 An organization having entered into a formal technical agreement with ISO or IEC may propose, in agreement with the appropriate technical committee or subcommittee, that a **draft standard developed by that organization** be submitted for vote as an enquiry draft within that technical committee or subcommittee.

F.2.2 The proposal shall be received by the Chief Executive Officer, who shall take the following actions:

a) settle the copyright and/or trademark situation with the organization having originated the proposed document, so that it can be freely copied and distributed to national bodies without restriction;

b) for cases F.2.1.1 and F.2.1.3, assess in consultation with the relevant secretariats which technical committee/subcommittee is competent for the subject covered by the proposed document; where no technical committee exists competent to deal with the subject of the document in question, the Chief Executive Officer shall refer the proposal to the technical management board, which may request the Chief Executive Officer to submit the document to the enquiry stage and to establish an ad hoc group to deal with matters subsequently arising;

c) ascertain that there is no evident contradiction with other International Standards;

d) distribute the proposed document as an enquiry draft (F.2.1.1 and F.2.1.3) in accordance with 2.6.1, or as a final draft International Standard (case F.2.1.2) in accordance with 2.7.1, indicating (in cases F.2.1.1 and F.2.1.3) the technical committee/subcommittee to the domain of which the proposed document belongs.

F.2.3 The period for voting and the conditions for approval shall be as specified in 2.6 for an enquiry draft and 2.7 for a final draft International Standard. In the case where no technical committee is involved, the condition for approval of a final draft International Standard is that not more than one-quarter of the total number of votes cast are negative.

F.2.4 If, for an enquiry draft, the conditions of approval are met, the draft standard shall progress to the approval stage (2.7). If not, the proposal has failed and any further action shall be decided upon by the technical committee/subcommittee to which the document was attributed in accordance with F.2.2 b).

If, for a final draft International Standard, the conditions of approval are met, the document shall progress to the publication stage (2.8). If not, the proposal has failed and any further action shall be decided upon by the technical committee/subcommittee to which the FDIS was attributed in accordance with F.2.2 b), or by discussion between the originating organization and the office of the CEO if no technical committee was involved.

If the standard is published, its maintenance shall be handled by the technical committee/subcommittee to which the document was attributed in accordance with F.2.2 b), or. if no technical committee was involved, the approval procedure set out above shall be repeated if the originating organization decides that changes to the standard are required.

FINAL DRAFT

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

pr**EN 951**

UDC

Descriptors :

English version

Door leaves - Method for measurement of height, width, thickness and squareness

Vantaux de portes - Méthode de mesure des hauteur, largeur, épaisseur et équerrage

Türblätter - Meβverfahren zur Ermittlung von Höhe, Breite, Dicke und Rechtwinkligkeit -

This draft European Standard is submitted to CEN members for Formal Vote.

It has been drawn up by the Technical Committee CEN/TC 33 "Doors, windows, shutters, building hardware and curtain walling" .

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat : rue de Stassart 36, B-1050 Brussels

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 33 "Doors, windows, shutters and building hardware", the secretariat of which is held by AFNOR.

This European Standard replaces EN 25:1975.

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 June 1999, and conflicting national standards shall be withdrawn at the latest by December 1999.

This standard is one of a series of standards for doors. The test method relates to performance requirements to be published in EN 1529.

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

1 Scope

This European standard applies to all rectangular door leaves and the measurable parameters of doors of other shapes.

This standard specifies the method to be used to measure the dimensions of height, width and thickness, and defects of squareness of door leaves.

2 Apparatus

2.1 Measurement instrument for height and width

Steel measuring tape or similar measuring instrument, accurate to 0,5 mm.

2.2 Measurement instrument for thickness

Micrometer or similar measuring instrument accurate to 0,01 mm.

2.3 Measurement instrument for squareness

A metal square having two arms with inside reference dimensions of (500 ± 1) mm. The right angle between the arms shall be accurate to 0,1 mm in 500 mm. The square shall incorporate a dial or digital gauge accurate to 0,1 mm mounted at the 500 mm reference point of one arm (see figure 1).

NOTE : An additional block and feeler gauges may be used in place of the dial or digital gauge

3 Test specimens

Test specimens shall be stored and tested in a non-destructive environment within the ranges of 15 °C to 30 °C and 25 % to 75 % relative humidity.

Doors which are designed to be glazed, shall be supplied for testing with all glazing carried out in accordance with the door manufacturer's specifications.

4 Procedure

4.1 Height and width measurement

Measure, to the nearest 1 mm, the height and width of each door leaf along lines a-a, b-b, c-c, d-d parallel to, and (20 ± 5) mm from, each edge respectively (see figure 2).

NOTE : In the case of a door leaf with rebated edges, the dimensions of height or width should be measured to the inner edges of the rebates.

4.2 Thickness measurement

Measure the thickness at 6 points located (20 ± 5) mm from the edges and at the positions indicated in figure 2, to the nearest 0,1 mm.

NOTE : If a measuring point occurs where the thickness is not representative of the doors, e.g. because of surface profiles, local adjustment of the measurement position is permitted.

4.3 Squareness measurement

Measure any deviation from squareness of the door leaf at all four corners to the nearest 0,1 mm.

5 Expression of results

Record :

- height and width measurements and maximum deviations in relation to the specified dimensions ;

- thickness measurements and maximum deviation in relation to the specified dimension ;

- the four measured values of deviation from squareness.

6 Test report

The test report shall contain the following information :

a) reference to this European standard ;

b) all necessary details to identify the door leaf ;

c) all relevant details concerning the type, specified dimensions, materials, form and construction of the door leaf ;

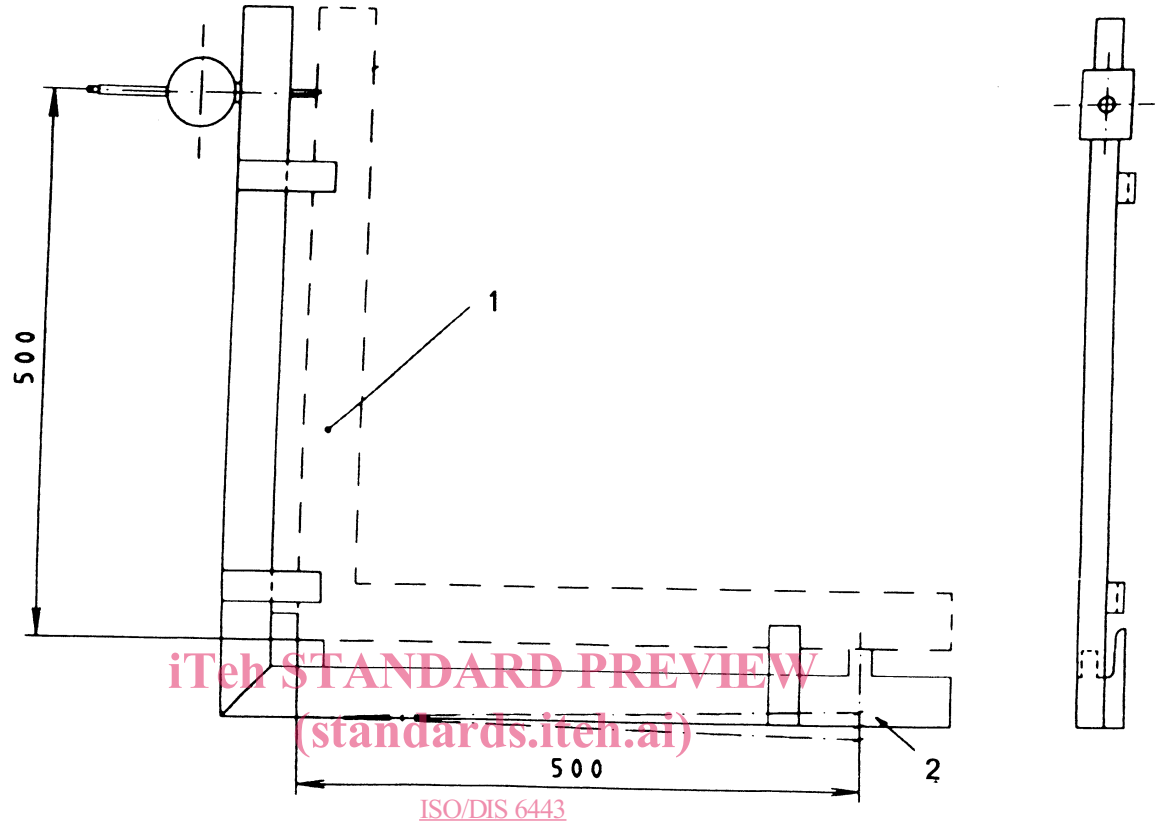
d) laboratory storage and testing conditions ;

e) the results expressed as in clause 5 ;

f) name of testing laboratory ;

g) date of test.

Dimensions in millimetres



1 Reference square to calibrate the instrument
2 Max. 0,1 mm deviation from squareness

Figure 1 : Measurement instrument for squareness including reference square for calibration