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**Door leaves — Determination of the  
behaviour under humidity variations in  
successive uniform climates**

*Vantaux de portes — Détermination du comportement aux variations  
d'humidité entre des climats successifs uniformes*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 6444 was prepared by Technical Committee CEN/TC 33, *Doors, windows, shutters, building hardware and curtain walling* (as EN 1294:2000) and was adopted, under a special “fast-track procedure”, by Technical Committee ISO/TC 162, *Doors and windows* in parallel with its approval by the ISO member bodies.

This second edition cancels and replaces the first edition (ISO 6444:1980) which has been technically revised.

Throughout the text of this document, read “... this European Standard ...” to mean “... this International Standard ...”.

## FOREWORD

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

This European Standard replaces EN 43:1985 „Methods of testing doors - Behaviour under humidity variations of door leaves placed in successive uniform climates“.

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 2000, and conflicting national standards shall be withdrawn at the latest by August 2000.

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.

This European Standard has been prepared taking into account ISO 6444 and EN 43.

This draft is one of a series of standards for doors.

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## 1 SCOPE

This European Standard describes the method which is to be used to test the behaviour under humidity variations of door leaves placed in successive uniform climates.

This standard can be applied to all door leaves, (e.g. solid doors, hollow core doors, panelled doors and glazed doors), which are nominally flat and rigid, and which contain hygroscopic materials can might influence their behaviour during this test.

## 2 NORMATIVE REFERENCES

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 951	Door leaves - Method for measurement of height, width, thickness and squareness
EN 952	Door leaves - General and local flatness - Measurement method
prEN 12519:1996	Doors and windows - Terminology

## 3 DEFINITIONS

For the purposes of this Standard the definitions given in prEN 12519:1996 apply.