



SLOVENSKI STANDARD

SIST EN 1530:2000

01-maj-2000

Vratna krila - Splošna in lokalna ravnost - Tolerančni razredi

Door leaves - General and local flatness - Tolerance classes

Türblätter - Allgemeine und lokale Ebenheit - Toleranzklassen

Vantaux de portes - Planéité générale et planéité locale - Classes de tolérances

Ta slovenski standard je istoveten z: **EN 1530:1999**

[SIST EN 1530:2000](https://standards.iteh.ai/catalog/standards/sist/64e44383-ca49-40af-a494-0bb0bf71911a/sist-en-1530-2000)

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ICS:

91.060.50 Vrata in okna Doors and windows

SIST EN 1530:2000

en

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EUROPEAN STANDARD

EN 1530

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 1999

ICS 91.060.50

English version

Door leaves - General and local flatness - Tolerance classesVantaux de portes - Planéité générale et planéité locale -
Classes de tolérancesTürblätter - Allgemeine und lokale Ebenheit -
Toleranzklassen

This European Standard was approved by CEN on 30 September 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 bibliographical 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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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 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2000, and conflicting national standards shall be withdrawn at the latest by May 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 standard is one of a series of standards for doors. The tolerance classifications relate to measurement methods published in EN 952.

No existing European Standard will be superseded.

Introduction

The general flatness of a door leaf may be important in satisfying both visual and performance requirements. Local flatness, as defined in this standard, is only concerned with the visual effect of surface undulations over small areas of the face of a door leaf. Moreover it is important to recognise that the visibility of such undulations depends upon the degree of light reflection, based upon the level of gloss and the angle of light. Under extreme gloss/light conditions, undulations of as little as 0,025 mm may be discerned. This standard therefore provides local flatness values which are considered to be practical and reasonable.

1 Scope

This standard gives the tolerance limits for general and local flatness of door leaves. It applies to door leaves which are supplied without, and independent of, any frames. **It does not apply to the leaves of doorsets.**

NOTE : Compliance with the tolerance limits given in this standard does not imply that this would necessarily produce a perfect fit between door leaves and frames.

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 952:1999 Door leaves - General and local flatness - Measurement method.

3 Definitions

For the purposes of this standard the following definitions apply :

3.1 twist

Spiral distortion in the plane of a door leaf.

3.2 bow

Curvature in the direction of the height of a door leaf.

3.3 cup

Curvature in the direction of the width of a door leaf.

4 Classification

Tolerance classes are based on permitted deviations of general flatness, expressed as twist, bow and cup and on local flatness.

To qualify for a particular tolerance class, the deviations when measured in accordance with EN 952:1999 shall not exceed the appropriate permitted deviations given in tables 1 and 2.

Table 1 : Tolerance classes and permitted deviations for general flatness

	Permitted deviations		
	Twist mm	Bow mm	Cup mm
Tolerance class 0	*	*	*
Tolerance class 1	10	10	6
Tolerance class 2	8	8	4
Tolerance class 3	4	4	2
Tolerance class 4	2	2	1
* No requirement			

Table 2 : Tolerance classes and permitted deviations for local flatness

	Permitted deviations mm
Tolerance class 0	*
Tolerance class 1	0,6
Tolerance class 2	0,4
Tolerance class 3	0,3
Tolerance class 4	0,2
* No requirement	