



# SLOVENSKI STANDARD

## SIST EN 1023-2:2001

01-februar-2001

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### Pisarniško pohištvo - Pregrade - 2. del: Mehanske varnostne zahteve

Office furniture - Screens - Part 2: Mechanical safety requirements

Büromöbel - Raumgliederungselemente - Teil 2: Mechanische Sicherheitsanforderungen

Mobilier de bureau - Cloisons - Partie 2: Exigences mécaniques de sécurité

Ta slovenski standard je istoveten z: **EN 1023-2:2000**

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#### **ICS:**

97.140          Pohištvo                                  Furniture

**SIST EN 1023-2:2001**                                  **en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN 1023-2

May 2000

ICS 97.140

English version

## Office furniture - Screens - Part 2: Mechanical safety requirements

Mobilier de bureau - Cloisons - Partie 2: Exigences mécaniques de sécurité

Büromöbel - Raumgliederungselemente - Teil 2: Mechanische Sicherheitsanforderungen

This European Standard was approved by CEN on 8 April 2000.

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

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**Foreword**

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

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 November 2000, and conflicting national standards shall be withdrawn at the latest by November 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

## Introduction

At the very beginning of this work, this text was intended to specify overall requirements of all safety aspects of office screens. However, standards for some aspects which will ultimately be referred to in this standard are not yet available. This edition of this standard has been issued to specify requirements where the related standards exist, and is therefore limited to mechanical safety requirements.

## 1 Scope

This part of EN 1023 specifies the mechanical safety requirements of office screens which are divided into general safety requirements and structural safety requirements.

## 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 (including amendments).

EN 1023-3:2000 Office furniture - Screens - Part 3 : Test methods.

## 3 General safety requirements

[SIST EN 1023-2:2001](https://standards.iteh.ai/catalog/standards/sist/8f8d6dda-48cf-4093-95d1-2c9120aa9b33/sist-en-1023-2-2001)

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The screen shall be so designed as to minimize a possible risk of injury to the user.

All parts of the screen with which the user comes into contact, during intended use, shall be so designed that physical injury and damage to property are avoided.

These requirements are met when :

- accessible corners are rounded with minimum 2 mm radius,
- the edges of the screen with which the user comes into contact are rounded with minimum 2 mm radius,
- all other edges are free from burrs and smoothed,
- the ends of hollow components are closed or capped,
- movable and adjustable parts are so designed that injuries and inadvertent operation are avoided.

The manufacturer shall indicate in his instruction manual how to use the screen in combination with add-on elements, as well as the admissible load for each type of screen.

## 4 Structural safety requirements

### 4.1 Test sequence

The screen shall pass the tests described in EN 1023-3:2000 with the following test sequence :

- Non load bearing office screens : 6.1
- Load bearing office screens : 6.2, 6.3, 6.4

### 4.2 Requirements

At the end of the tests, the screen shall remain safe and fulfil its functions.

These requirements are fulfilled when :

- the stability tests specified in 6.1 or 6.2 of EN 1023-3:2000 are carried out, the screen shall not overturn ;
- the dislodgement test specified in 6.3 of EN 1023-3:2000 is carried out, no component shall become dislodged and there shall be no structural failure ;
- the strength test specified in 6.4 of EN 1023-3:2000 is carried out, the stability of the screen assembly, with and without the add-on elements, shall not be adversely affected nor shall there be any fracture of any member, joint or component or any deformation or loosening which will affect the safety or function of the screen combination.

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