

## **Doors - Classification of strength requirements**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1192:2000 sisaldab Euroopa standardi EN 1192:1999 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.06.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1192:2000 consists of the English text of the European standard EN 1192:1999.</p> <p>This document is endorsed on 16.06.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> This standard provides a means of classifying where appropriate, the performance of door leaves, door frames, doorsets, and door assemblies according to their strength in resisting vertical load, static torsion, soft and heavy body impact, and hard body impact. The performance levels indicate normal usage for a range of categories of duty. Special requirements such as those for burglar resistance or safety requirements related to glass infillings are not covered.</p>	<p><b>Scope:</b> This standard provides a means of classifying where appropriate, the performance of door leaves, door frames, doorsets, and door assemblies according to their strength in resisting vertical load, static torsion, soft and heavy body impact, and hard body impact. The performance levels indicate normal usage for a range of categories of duty. Special requirements such as those for burglar resistance or safety requirements related to glass infillings are not covered.</p>
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ICS 91.060.50

**Võtmesõnad:** classification, doors, strength requirements

ICS 91.060.50

**English version**

**Doors**

Classification of strength requirements

Portes – Classification des exigences  
de résistance mécanique

Türen – Klassifizierung der Festig-  
keitsanforderungen

This European Standard was approved by CEN on 1999-09-20.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the 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 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 performance levels relate to test methods published in EN 947, EN 948, EN 949 and EN 950.

This standard presents a partial, provisional and interim classification for doors, restricted to the aspect of mechanical strength in resisting vertical load, static torsion, soft and heavy body impact, and hard body impact. It is intended to establish a standard for a complete classification scheme which includes all relevant properties valid for different families of doors.

The standard includes 'an informative annex' A which gives general guidance on the relationship between performance levels and categories of duty.

## 1 Scope

This standard provides a means of classifying where appropriate, the performance of door leaves, door frames, doorsets, and door assemblies according to their strength in resisting vertical load, static torsion, soft and heavy body impact, and hard body impact. The performance levels indicate normal usage for a range of categories of duty. Special requirements such as those for burglar resistance or safety requirements related to glass infillings are not covered.

## 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 947	Hinged or pivoted doors - Determination of the resistance to vertical load.
EN 949	Windows and curtain walling, doors, blinds and shutters - Determination of the resistance to soft and heavy body impact for doors.
EN 948	Hinged or pivoted doors - Determination of the resistance to static torsion.
EN 950	Door leaves - Determination of the resistance to hard body impact.

## 3 Definitions

For the purposes of this standard the following definitions apply:-

- 3.1 door assembly:** A complete assembly as installed, comprising door frame and one or more leaves, together with its essential hardware supplied from separate sources.
- 3.2 door set:** A complete unit consisting of a door frame and a door leaf or leaves, supplied with the essential hardware and weatherseal, as a product from a single source.