Windows and curtain walling, doors, blinds and shutters - Determination of the resistance to soft and heavy body impact for doors

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# EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 949:1999 sisaldab Euroopa standardi EN 949.1998 ingliskeelset teksti.

Käesolev dokument on jõustatud 23.11.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 949:1999 consists of the English text of the European standard EN 949:1998.

This document is endorsed on 23.11.1999 with the notification being published in the official publication of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

### Käsitlusala:

This European Standard applies to all doors. The standard specifies the method to be used to determine the damage caused by striking with a soft and heavy body, the face of a closed door leaf fixed in its own door frame as part of a doorset. NOTE: Such forces that might reasonably be expected from impacts by human bodies and substantial objects with similar bodies and substantial objects with similar characteristics should neither damage. nor impair the normal performance of, a door. The method may also be used in respect of a door leaf submitted for test in a frame which the manufacturer considers appropriate to and typical for the intended utilisation.

## Scope:

This European Standard applies to all doors. The standard specifies the method to be used to determine the damage caused by striking with a soft and heavy body, the face of a closed door leaf fixed in its own door frame as part of a doorset. NOTE: Such forces that might reasonably be expected from impacts by human characteristics should neither damage. nor impair the normal performance of, a door. The method may also be used in respect of a door leaf submitted for test in a frame which the manufacturer considers appropriate to and typical for the intended utilisation.

**ICS** 91.060.50

Võtmesõnad: blinds, closures, doors, mechanical strength, shock resistance, tests. windows

# **EUROPEAN STANDARD** NORME EUROPÉENNE EUROPÄISCHE NORM

EN 949

December 1998

Ref. No. EN 949: 1998 E

91.060.50 Supersedes EN 162: 1985.

# **English version**

# Windows and curtain walling, doors, blinds and shutters

Determination of the resistance to soft and heavy body impact for doors

Fenêtres et façades-rideaux, portes, stores et fermetures - Détermination de la résistance au choc de corps mou et lourd pour les portes

Fenster, Türen, Dreh- und Rolläden, Vorhangfassaden - Ermittlung der Widerstandsfähigkeit von Türen gegen Aufprall eines weichen und schweren Stoßkörpers

This European Standard was approved by CEN on 1998-11-26.

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

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, Sw and the United Kingdom.

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

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

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### **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 standard is one of a series of standards for doors. The test method relates to performance requirements to be published in EN 1192.

This standard has been prepared taking into account ISO 8270 and EN 162.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, by June 1999 at the latest, and conflicting national standards withdrawn by December 1999 at the latest

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

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.

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