

Windows and doors - Resistance to repeated opening and closing - Test method

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1191:2000 sisaldab Euroopa standardi EN 1191:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 08.08.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1191:2000 consists of the English text of the European standard EN 1191:2000.</p> <p>This document is endorsed on 08.08.2000 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>Käsitlusala: This standard specifies the method to be used to determine the mechanical attributes of doors and the opening parts of windows after a defined number of opening operating cycles.</p>	<p>Scope: This standard specifies the method to be used to determine the mechanical attributes of doors and the opening parts of windows after a defined number of opening operating cycles.</p>
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ICS 91.060.50

Võtmesõnad:

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English version

Windows and doors

Resistance to repeated opening and closing – Test method

Fenêtres et portes – Résistance à
l'ouverture et fermeture répétée –
Méthode d'essai

Fenster und Türen –
Dauerfunktionsprüfung –
Prüfverfahren

This European Standard was approved by CEN on 2000-01-22.

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, building hardware and curtain walling", 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 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 draft standard describes one of the test methods that are called up in the product standards for windows and doors.

No existing European Standard will be superseded.

Introduction

The test method described in this standard provides information on mechanical durability and not on durability related to environmental erosion or corrosion of the materials or their finishes.

1 Scope

This standard specifies the method to be used to determine the mechanical durability of doorsets and the opening parts of windows after a defined number of operating cycles.

It applies, whatever their construction materials and operating systems, to any window or any door in the form of complete assemblies in normal operating conditions.

The parts concerned in the testing are the frame, the opening elements (including any secondary elements) and all essential hardware, including operating devices. It does not include any additional fasteners such as pegstays or cabin hooks, nor any independently installed restrictor.

In this standard, it is assumed that the operating cycle imparts movement to ancillary items such as hinges, stays, balances and other mechanisms.

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.

prEN 12046-1:1996 Operating forces - Test method - Part 1: Windows

prEN 12046-2:1999 Operating forces - Test method - Part 2: Doors

3 Definitions

For the purposes of this standard the following definitions apply:

3.1 cycle: Set of operations involving the opening of a casement, sash or leaf, including the release of any fasteners fitted, moving open to the required extent, returning to the closed position and the re-engaging of any fasteners.

3.2 operating device: Item of hardware enabling user to release and move a casement or leaf.

3.3 operating equipment: Part of test apparatus used to activate the operating device.