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Nõuded ja katsemeetodid**

**Building hardware - Hardware for sliding doors and  
folding doors - Requirements and test methods**

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 1527:2013 sisaldab Euroopa standardi EN 1527:2013 ingliskeelset teksti.	This Estonian standard EVS-EN 1527:2013 consists of the English text of the European standard EN 1527:2013.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 09.01.2013.	Date of Availability of the European standard is 09.01.2013.
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English Version

**Building hardware - Hardware for sliding doors and folding doors  
- Requirements and test methods**

Quincaillerie pour le bâtiment - Quincaillerie pour portes  
coulissantes et portes pliantes - Exigences et méthodes  
d'essai

Schlösser und Baubeschläge - Beschläge für Schiebetüren  
und Falttüren - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 10 November 2012.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (EN 1527:2013) 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of an identical text or by endorsement, at the latest by July 2013, and conflicting national standards shall be withdrawn at the latest by July 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1527:1998.

A full contribution to the preparation of this document has been made by the European manufacturer's organisation "ARGE".

This document is part of a group of European Standards dedicated to building hardware products.

The main changes in this draft as compared with EN 1527:1998 are as follows:

- identification of grades for fire resistance (4<sup>th</sup> digit) in 4.5;
- grade identified for the safety (5<sup>th</sup> digit) in 4.6.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European Standard specifies requirements for the manual design system sliding doors and folding doors of the bi-fold type and multi-panel folding doors but excluding doors and panels. Cycle tests, static load, initial friction and corrosion resistance tests are included for fittings and track only.

This document covers door gear for all industrial and residential sliding doors and folding doors.

This document does not cover sliding corner doors and light bottom sliding doors.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1670, *Building hardware — Corrosion resistance — Requirements and test methods*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

- 3.1  
aligner**  
fittings which retain a folding door in a flat and aligned closed position (see Figure 1)
- 3.2  
bottom guide**  
fitting which, with a bottom guide channel, controls the lateral movement of a sliding or folding top hanging door
- 3.3  
bottom guide channel**  
channel section fitted either to the base of a structure or the bottom edge of a door to accommodate the bottom guide
- 3.4  
bottom pivot**  
axis fitted to the bottom of a folding door which turns in a bottom pivot socket (see Figure 1)
- 3.5  
bottom pivot socket**  
fixed component in which the bottom pivot of a folding door is located (see Figure 1)
- 3.6  
bottom track**  
track fixed to the base of a structure or floor, on which bottom rollers run
- 3.7  
bottom roller**  
fitting attached to the bottom of a door which allows it to run on a bottom rail
- 3.8  
folding door, bi-fold type**  
door formed by two panels connected by hinges and operating on pivots running in a top track with guide