

**Building hardware - Requirements and test
methods for windows and doors height
windows - Part 16: Hardware for Lift&Slide
windows and doors**

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- Part 16: Hardware for Lift&Slide windows and
doors

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<p>Käesolev Eesti standard EVS-EN 13126-16:2008 sisaldab Euroopa standardi EN 13126-16:2008 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 25.03.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 23.01.2008.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13126-16:2008 consists of the English text of the European standard EN 13126-16:2008.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 25.03.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 23.01.2008.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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English Version

**Building hardware - Requirements and test methods for windows
and doors height windows - Part 16: Hardware for Lift&Slide
windows and doors**

Quincaillerie pour le bâtiment - Exigences et méthodes
d'essai des ferrures de fenêtres et portes-fenêtres - Partie
16 : Ferrures pour portes-fenêtres et fenêtres coulissantes
à levage

Baubeschläge - Beschläge für Fenster und Fenstertüren -
Anforderungen und Prüfverfahren - Teil 16: Beschläge für
Hebeschiebe-Fenster und -Fenstertüren

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Foreword

This document (EN 13126-16:2008) 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of an identical text or by endorsement, at the latest by July 2008, and conflicting national standards shall be withdrawn at the latest by July 2008.

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 CEN/TS 13126-16:2004.

A full contribution to the preparation of this European Standard has been made by the European manufacturer's organisation 'ARGE' and National Standards institutions.

This European Standard is one of a series of European Standards dedicated to building hardware products. It is divided into seventeen parts to incorporate all types of windows and door height windows.

Informative Annex A of EN 13126-1:2006 depicts the “list of parts and titles and their reference to the relevant window types” of the seventeen parts of this European Standard.

Normative Annex B of EN 13126-1:2006 gives schedules of the elements of components used on the 21 types of window opening functions.

Normative and informative annexes to all parts of this European Standard are indicated in the content of the several parts.

The performance tests incorporated in this standard are considered to be reproducible and as such will provide a consistent and objective assessment of the performance of these products throughout CEN Member States.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EC Directive(s).

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

1 Scope

This part of EN 13126 provides requirements and test methods for durability, strength, security and function of hardware for Lift&Slide windows and door height windows, regardless of whether the hardware enables an additional tilt position.

NOTE This Standard is also applicable to hardware systems, whereby the sash itself is not lifted but a gasket mechanism is moved.

2 Normative references

The following referenced documents are indispensable for the application of this document. 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*

EN 12519:2004, *Windows and pedestrian doors – Terminology*

EN 13126-1:2006, *Building hardware - Requirements and test methods for windows and doors height windows - Part 1: Requirements common to all types of hardware*

ISO 4520, *Chromate conversion coatings on electroplated zinc and cadmium coatings*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13126-1:2006 and EN 12519:2004 and the following apply.

NOTE The following terms and definitions apply to Lift&Slide windows and door height windows made of timber, PVC-U, aluminium or steel and their appropriate material combinations.

3.1

roller

assembly of one or more rolls in a single or multiple casing which supports Lift&Slide windows and door height windows. These may be aligned in a straight line or rotate about an axis for Lift&Slide windows and door height windows. Otherwise known as a bogey

3.2

roll

singular wheel in a roller

3.3

lateral guide

hardware component which guides the lateral movement of the Lift&Slide windows and door height windows

3.4

guide track

track fixed on the top (top guide track) or bottom (bottom guide track) which enables a lateral guide to run

3.5

rail

rail fixed on the top (top rail) or bottom (bottom rail) which enables the rollers to run