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Building hardware - Requirements and test methods for windows and doors height windows - Part 8: Tilt&Turn, Tilt-First and Turn- Only hardware

Building hardware - Requirements and test methods for windows and doors height windows - Part 8: Tilt&Turn, Tilt-First and Turn- Only hardware

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 13126-8:2006 sisaldab Euroopa standardi EN 13126-8:2006 ingliskeelset teksti. Käesolev dokument on jõustatud 30.03.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 13126-8:2006 consists of the English text of the European standard EN 13126-8:2006. This document is endorsed on 30.03.2006 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 specifies the requirements and test procedures for durability, strength, security and function of Tilt&Turn, Tilt-First and Turn-Only hardware components or sets for windows and balcony doors in accordance with common application as shown in Annex A of EN 13126-1.	**Scope:** This European Standard specifies the requirements and test procedures for durability, strength, security and function of Tilt&Turn, Tilt-First and Turn-Only hardware components or sets for windows and balcony doors in accordance with common application as shown in Annex A of EN 13126-1.

ICS 91.190

Võtmesõnad:

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Standardite reprodutseerimis- ja levitamisõigus kuulub Eesti Standardikeskusele

EUROPEAN STANDARD

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EN 13126-8

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Supersedes CEN/TS 13126-8:2004

English Version

Building hardware - Requirements and test methods for windows and doors height windows - Part 8: Tilt&Turn, Tilt-First and Turn-Only hardware

Quincaillerie pour le bâtiment - Exigences et méthodes d'essai des ferrures de fenêtres et portes-fenêtres - Partie 8 : Ferrures d'oscillo-battant, de battant-oscillant et d'ouvrant pivotant

Baubeschläge - Beschläge für Fenster und Fenstertüren - Anforderungen und Prüfverfahren - Teil 8: Drehkipp-, Kippdreh- und Dreh-Beschläge

This European Standard was approved by CEN on 28 December 2005.

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.

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 Central Secretariat has the same status as the official versions.

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Foreword

This European Standard (EN 13126-8:2006) 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 2006, and conflicting national standards shall be withdrawn at the latest by August 2006.

This European Standard supersedes CEN/TS 13126-8:2004.

A full contribution to the preparation of this European Standard has been made by the European manufacturers´ organization ‘ARGE’ and national standards bodies.

This European Standard is one of a series of European Standards for building hardware products. It is divided into seventeen parts incorporating all types of windows and balcony doors.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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 United Kingdom.

1 Scope

This European Standard specifies the requirements and test procedures for durability, strength, security and function of Tilt&Turn, Tilt-First and Turn-Only hardware components or sets for windows and balcony doors in accordance with common application as shown in Annex A of EN 13126-1.

By means of this European Standard, the user of recognized tested hardware can presume, that with correct usage, the Tilt&Turn, Tilt-First or Turn-Only hardware components or sets for windows and balcony-doors conforms to prescribed requirements.

NOTE To maintain the guaranteed characteristics during the utilization period, it is necessary to comply with the manufacturer's product information as well as the manufacturer's maintenance and service instructions in a manner that can be proven.

2 Normative references

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

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN 12519:2004 and the following apply.

NOTE The following terms and definitions apply to windows and balcony-doors made of wood, PVC-U, aluminium or steel and their appropriate material combinations.

3.1
Tilt&Turn
Tilt&Turn hardware opens and locks windows and balcony-doors. Tilt&Turn hardware is used to enable windows and balcony-doors initially into the turning position (side-hung), and then into the tilting position by operating the handle. Tilt&Turn hardware in the sense of this European Standard is a one-hand-operation hardware for windows and balcony-doors for structural engineering, conforming to the test sizes stated in Table 1

3.2
Tilt-First
Tilt-First hardware is used to enable windows and balcony-doors initially into the tilting position, and then into the turning position (side-hung) by operating the handle. The definition of terms and demands made on Tilt&Turn hardware are also applicable to Tilt-First hardware

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