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(HPS). TULE JA/VÕI SUITSU TÕKESTAMISEKS
KASUTATAVATE USTE JA/VÕI AVATAVATE AKENDE
TARVIKUTE VÕRDLEMIST VÕIMALDAVATE
KATSEANDMETE IDENTIFITSEERIMINE NING
KOKKUVÕTE

Hardware performance sheet (HPS) - Identification
and summary of test evidence to facilitate the
inter-changeability of building hardware for
application to fire resisting and/or smoke control
doorsets and/or openable windows

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 16035:2023 sisaldab Euroopa standardi EN 16035:2023 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 29.11.2023.</p> <p>Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 16035:2023 consists of the English text of the European standard EN 16035:2023.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 29.11.2023.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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English Version

Hardware performance sheet (HPS) - Identification and
summary of test evidence to facilitate the inter-
changeability of building hardware for application to fire
resisting and/or smoke control doorsets and/or openable
windows

Quincaillerie de bâtiment - Fiche de performance de la
quincaillerie (HPS) - Identification et récapitulatif des
essais justificatifs visant à faciliter l'interchangeabilité
de la quincaillerie de bâtiment destinée à être installée
sur des blocs-portes et fenêtres ouvrantes résistant au
feu et pare-fumées

Leistungsbeschreibung für Baubeschläge -
Identifizierung und Zusammenfassung der
Prüfnachweise zur Unterstützung der
Austauschbarkeit von Baubeschlägen für die
Anwendung an feuerwiderstandsfähigen und/oder
rauchdichten Toren, Türen und/oder zu öffnenden
Fenstern

This European Standard was approved by CEN on 22 October 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 16035:2023) 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 May 2024, and conflicting national standards shall be withdrawn at the latest by May 2024.

This document supersedes EN 16035:2012.

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

In comparison with the previous edition, the following significant technical modifications have been made:

Modified clauses, paragraphs, annexes, tables or figures:

- The structure has been redesigned;
- Additional requirements added for information on thermal separation, insulation, intumescent layer, related EXAP standards and rules;

New normative reference:

- The EN 17020 series for durability of self-closing EXAP standards are now available;

Deleted normative references:

- EN 1154: this standard is no longer referred to;
- EN 14600: this standard has been withdrawn.

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Introduction

The Hardware Performance Sheet (HPS) is intended to facilitate the interaction between the available data from completed tests and the data required for the interchangeability.

For this purpose, this document defines the required data, which can be provided in a standardized data format for the interchangeability according to the respective Extended Application rule (EXAP) from the EN 15269 series or EN 17020 series of standards.

This document is primarily addressed to the creators of an HPS.

An HPS might be used, but not only by the creators of an EXAP Report.

This document is designed to enable an HPS to replace a short test report for building hardware in the future.

1 Scope

This document summarizes relevant results and classifications from tests of the fire resistance, smoke control and related durability performances of building hardware in the format of a hardware performance sheet (HPS). This document provides guidance and requirements on the minimum data required as a basis for the preparation of EXAP reports for the interchangeability of building hardware on fire-retardant and/or smoke-tight doors and openable windows.

This document identifies the performance characteristics and the requirements for building hardware which can be found in the appropriate product standards.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1191, *Windows and doors - Resistance to repeated opening and closing - Test method*

EN 1363-1, *Fire resistance tests - Part 1: General requirements*

EN 1634-1:2014+A1:2018, *Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 1: Fire resistance test for door and shutter assemblies and openable windows*

EN 1634-2, *Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware - Part 2: Fire resistance characterisation test for elements of building hardware*

EN 1634-3, *Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 3: Smoke control test for door and shutter assemblies*

EN 12604, *Industrial, commercial and garage doors and gates - Mechanical aspects - Requirements and test methods*

EN 13501-2, *Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance and/or smoke control tests, excluding ventilation services*

EN 15269 (all parts), *Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies including their elements of building hardware*

EN 16034, *Pedestrian doorsets, industrial, commercial, garage doors and openable windows - Product standard, performance characteristics - Fire resisting and/or smoke control characteristics*

EN 17020 (all parts), *Extended application of test results on durability of self-closing for fire resistance and/or smoke control doorsets and openable windows*