

Hardware performance sheet (HPS) – Abloy Scan Motor Hookbolt range

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Notified Body No: 0809*

Product name: Scan Motor Hookbolt range

Report number EUFI29-25003604-T1

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This HPS consists of four pages and one appendix and may only be used or reproduced in its entirety.

* To be used for CE marking only.

1

Introduction

Hardware performance sheet process is carried in conformity with EN 16035:2023 "Hardware performance sheet (HPS) – Identification and summary of test evidence to facilitate the interchangeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows".

This document concerns test results obtained in accordance with Test Method 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".

2.

HPS

2.1

General

Product is Solid door security lock with latch and hookbolt.

The element hinged single leaf steel door is defined as a fire resisting steel door.

2.2

Building hardware identification

Table 1 Building hardware

Line	Feature	Required indication / properties	Additional information
1.1	HPS No. / version	EUFI29-25003604-T1	
1.2	Date	October 28, 2025	
1.3	Prepared by	Eurofins Expert Services Oy	
1.4	Manufacturer	Abloy Oy Wahlforssinkatu 20 PL108 FI-80100 Joensuu FINLAND	
1.5	Type of building hardware	Security lock with latch and hookbolt	
1.6	Product line	EL558 EL572, EL574, EL874	Suitable strike plate EA342, EA343
1.7	Relevant EN standard or EAD	EN 14846:2008	
1.8	Classification / performance	Grade B, C, D, E, F	Suitable for use on fire door assemblies
1.9	Test evidence used	1	EUFI29-25000162-T2, dated June 11, 2025

Table 2 Test evidence used

Line	Feature	Required indication / properties	Additional information
2.1	HPS No.	EUFI29-25003604-T1	
2.2	No. of test evidence	1	EUFI29-25000162-T2, dated June 11, 2025
2.3	Product version	Lock case EL558	EL558 includes most of the flammable material and was chosen to represent the product line; Strike plate EA342
2.4	Main dimensions of the specific building hardware	Forend: 22 mm x 225 mm x 4 mm Lock case: 74 mm x 167.5 mm x 20 mm	
2.5	Fixing, building hardware to element	Lock case two screws	Strike plate four screws
2.6	Settings	During nighttime the hookbolt is locked and the door is kept closed with latch and hookbolt. During the daytime the hookbolt is open and the latch bolt keeps the door closed.	
2.7	Type of doorset or openable window	Single leaf steel doorset	
2.8	Type of material of the element frame	Steel, RT-frame	
2.9	Element frame thickness	s=1.75 mm Fe/Zn	
2.10	Mode of operation	Hinged	
2.11	Mounting position building hardware	Mortice mounted, fire on both sides	
2.12	Building hardware is mounted on	Primary door leaf	
2.13	Leaf mass	148 kg	
2.14	Leaf width	1020 mm	
2.15	Leaf height	2120 mm	
2.16	Leaf thickness	95 mm	
2.17	Thermal separation	-	
2.18	Insulation layer	Mg-board + 2x rockwool layer + Mg-board	
2.19	Intumescent layer	-	
2.20	Seals or gaskets	2x Marvon 2 mm x 45 mm	

Table 3 Performance level(s) fire resistance

Line	Feature	Required indication / properties	Additional information
3.1	Related HPS No. and test evidence used	EUFI29-25003604-T1	
3.2	Fire resistance test	EN 1634-1	
3.3	No. test report	1	EUFI29-25000162-T2, dated June 11, 2025
3.4	Notified test body	0809	
3.5	Direction of test exposure	Towards the fire and away from the fire	
3.6	Precondition test	25	
3.7	Classification	EN 13501-2: E 120 + overrun EI ₁ 60 + overrun EI ₂ 120 + overrun	EUFI29-25000162-T2: the fire resistance test was terminated 150 min 20 s
3.8	Observations during the test related to hardware	-	
3.9	Applicable EXAP Standard	EN 15269-2	
3.10	Data confirmed by	Issued by Eurofins Expert Services Oy	

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Limitations

The HPS together with mentioned test reports in Table 2 shall be a part of the technical documentation delivered to Notified Body for an Extended application report, prior to CE-marking.

This document does not represent type approval or certification of the product.

Eurofins Expert Services Oy is notified body No. 0809 under the Construction Products Regulation (CPR).

Espoo, October 28, 2025

SIGNED

APPROVED



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Appendices

Appendix 1 Material parts EL558 EL572 EL574 EL874 and EA342 EA343

Distribution

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