Declaration of Performance

No.: DoP-629X.02

ASSA ABLOY

1. Unique identification code of the product-type:

Panic exit devices, for use on escape routes according to EN 1125:2008

Emergency exit device, for use on escape routes according to EN 179:2008

Lock model 629X in all variants

2. Intended use/s:

Panic exit devices operated by a horizontal bar, for use on escape routes according to EN 1125:2008

Emergency exit device operated by a lever handle or push pad, for use on escape routes according to EN 179:2008

3. Manufacturer:

ASSA ABLOY
Sicherheitstechnik GmbH

Bildstockstraße 20
72458 Albstadt
GERMANY

4. Authorised representative:

N/A

5. System/s of AVCP:

System 1 according to EN 1125:2008

System 1 according to EN 179:2008

6.a Harmonised standard:

Notified body	Harmonised standard	Certificate of Constancy of performance
MPA NRW, Marsbruchstraße 186; D-44287 Dortmund, identifier:0432	EN 1125:2008	0432-CPR-00007-12 (V04)
MPA NRW, Marsbruchstraße 186; D-44287 Dortmund, identifier:0432	EN 179:2008	0432-CPR-00007-11 (V04)

6.b European Assessment Document:

N/A

7. Declared performance/s:

Declared performance according to EN 1125:2008

Essential characteristics	Requirement clauses EN 1125:2008	Product performance
Ability to release (for doors on escape routes)	4.1.2 Release function 4.1.3 Panic exit device mounting 4.1.5 Exposed edges and corners 4.1.7 Double door set 4.1.9 Bar installation 4.1.10 Bar length 4.1.11 Bar projection 4.1.12 Bar end 4.1.13 Operating bar face 4.1.14 Test rod 4.1.15 Door face gap 4.1.16 Accessible gap 4.1.17 Door free movement 4.1.18 Top vertical bolt 4.1.19 Cover for vertical rods 4.1.20 Keepers 4.1.21 Keepers dimensions 4.1.23 Door mass and dimensions 4.1.24 Outside access device 4.2.2 Release force Release force under pressure 4.2.7 Security requirement	passed, (≤ 1 second) passed passed, (≥ 0.5 mm) not applicable passed, (Z ≤ 150 mm) passed, (≥ 60%) passed, (see classification key (8*)) passed passed, (V ≥ 18 mm) passed passed, (R ≥ 25 m passed, (test specimens 20 mm) passed not applicable not applicable passed not applicable passed; (Weight ≥ 200 kg / Width ≤ 1500mm / Height ≤ 2500 mm) passed passed, (≤ 80 N) passed, (≤ 220 N) passed, (see classification key (7*))
Durability of ability to release (for doors on escape routes)	4.1.4 Corrosion resistance 4.1.6 Temperature range 4.1.19 Covers for vertical rods 4.1.22 Lubrication 4.2.3 Re-engagement force 4.2.4 Durability 4.2.5 Abuse resistance- horizontal bar 4.2.6 Abuse resistance- vertical rod 4.2.8 Final examination Release force Release force under pressure	passed, (see classification key (6*)) passed, (50% threshold) not applicable passed passed, (≤ 50N) passed, (see classification key (2*)) passed, (500N /1000N) not applicable passed, (≤ 80 N) passed, (≤ 220 N)
Self-closing ability C (for fire/smoke doors on escape routes)	4.2.3 Re-engagement force	passed, (≤ 50N)
Durability of self-closing ability C against aging and degradation (for fire/smoke doors on escape routes)	4.2.4 Durability 4.2.3 Re-engagement force	passed, (see classification key (2*)) passed, (≤ 50N)
Resistance to fire E (integrity) and I (insulation) (for fire doors on escape routes)	4.1.8 Proofed by fire test according EN 1634-1	Class B: passed, (see classification key (4*) line 3) Class 0: NPD, (see classification key (4*) line 4)
Dangerous substances	4.1.25 Note 1 Annex ZA.1	The materials used in this product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations

Classification key according to EN 1125:2008

Position	1	2	3	4	5	6	7	8	9	10	
Section	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.10	
Class	3	7	6	B	1	3	2	1 / 2	A	B	
Class	3	7	6	0	1	3	2	2	B	B	

Pos.	Essential characteristics	Class – Performance		
1	Category of use	3	High frequency of use where there is little incentive to exercise care	
2	Durability		test cycles	
		7	200.000	
3	Door mass		door mass [kg]	
		6	≤ 200	
4	Suitability for use on fire / smoke doors		use	
		0 B	Not approved for use on fire / smoke door assemblies Suitable for use on fire and smoke door assemblies Note classification key in the certificate of constancy of performance 0432-CPR-00007-12 V04	
5	Security (personal protection)	1	All panic exit devices have a critical safety function, therefore only the top grade is identified for the purpose of this European Standard	
6	Corrosion resistance		Corrosions resistance	test time [h]
		3	High corrosion resistance	96
7	Security (burglary resistance)		test load [N]	
		2	1000	
8	Projection of operating element		Projection of operating element [mm]	
		1 2	≤ 150 ≤ 100 Note classification key in the certificate of constancy of performance 0432-CPR-00007-12 V04	
9	Type of horizontal bar operation		Type of operation	
		A B	push bar operation touch bar operation	
10	Field of door application		Field of door application	
		B	single door only	

Declared performance according to EN 179:2008

Essential characteristics	Requirement clauses EN 179:2008	Product performance
Ability to release (for doors on escape routes)	4.1.2 Release function 4.1.3 Release operation 4.1.4 Lever handle design 4.1.5 Push pad design 4.1.6 Double door set 4.1.8 Exposed edges and corners 4.1.11 Push pad installation 4.1.12 Lever handle installation 4.1.13 Operating element projection 4.1.14 Operating element face 4.1.15 Lever handle free end 4.1.16 Lever handle operating gap 4.1.17 Push pad operating gap 4.1.18 Test rod 4.1.19 Push pad release operation 4.1.20 Accessible gap 4.1.21 Door free movement 4.1.22 Top vertical bolt 4.1.24 Keepers 4.1.25 Keepers dimensions 4.1.27 Door mass and dimensions 4.1.28 Outside access device 4.2.2 Release force lever handle Release force push pad 4.2.7 Security requirements	passed, (≤ 1 second) passed passed not applicable not applicable passed, (≥ 0.5 mm) not applicable passed, (X ≥ 120 mm, Z ≤ 150 mm) passed, (see classification key (8*)) passed, (V ≥ 18 mm type A / V ≥ 1400 mm^2 type B) passed, (U ≥ 40 mm, W ≤ 100 mm, α ≤ 30°) passed not applicable passed not applicable passed, (test rod 20 mm) passed not applicable passed not applicable passed; (Weight ≤ 200 kg / width ≤1500mm / height ≤ 2500 mm) passed passed, (≤ 70 N) not applicable passed, (see classification key (7*))
Durability of ability to release against aging and degradation (for doors on escape routes)	4.1.7 Corrosion resistance 4.1.9 Temperature range 4.1.23 Cover for vertical rod 4.1.26 Lubrication 4.2.3 Re-engagement force 4.2.4 Durability 4.2.5 Abuse resistance-Operating element 4.2.6 Abuse resistance-Vertical rod 4.2.8 Final examination Release force lever handle Release force push pad	passed, (see classification key (6*)) passed, (50% threshold) not applicable passed passed, (≤ 50N) passed, (see classification key (2*)) passed, (500N /1000N) not applicable passed, (≤ 70 N) not applicable
Self-closing ability C (for fire/smoke doors on escape routes)	4.2.3 Re-engagement force	passed, (≤ 50N)
Durability of self-closing ability C against aging and degradation (for fire/smoke doors on escape routes)	4.2.4 Durability 4.2.3 Re-engagement force	passed, (see classification key (2*)) passed, (≤ 50N)
Resistance to fire E (Integrity) and I (Insulation) (for fire doors on escape routes)	4.1.10 Proofed by fire test according EN 1634-1	passed, (see classification key (4*))
Dangerous substances	4.1.29 Note 1 Annex ZA.1	The materials used in this product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations

Classification key according to EN 179:2008

Position	1	2	3	4	5	6	7	8	9	10	
Section	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.10	
Code	3	7	6	B	1	3	5	2	A	B/D	

Pos.	Essential characteristics	Class – Performance		
1	Category of use	3	High frequency of use where there is little incentive to exercise care	
2	Durability		Test cycles	
		7	200.000	
3	Door mass		Door mass [kg]	
		6	≤ 200	
4	Suitability for use on fire / smoke doors		use	
		B	Suitable for use on fire and smoke door assemblies	
5	Security (personal protection)	1	All emergency exit devices have a critical safety function, therefore only the top grade is identified for the purposes of this European Standard	
6	Corrosion resistance		Corrosion resistance	test time [h]
		3	high corrosion resistance	96
7	Security (burglary resistance)		test load [N]	
		5	5.000	
8	Projection of operating element		Projection of operating element [mm]	
		2	≤100	
9	Type of operation		Type of operation	
		A	Lever handle operation	
10	Field of door application		Field of door application	
		B D	Outward opening single door only Inward opening single door only	

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

N/A

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Stefan Zintgraf, Chief Technology Officer DACH

At Albstadt on 21.09.2020

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