

Certificate of Constancy of Performance

1309 - CPR - 0543

(version:00)

In accordance with the EU Regulation No 305/2011 of the European Parliament and of the Council from 09. March 2011 (Construction Products Regulation or CPR) this certificate shall apply to the construction product

**Emergency exit locks „MACO Protect A-TS“ with lever handle
for doors on escape routes**

Item number: see Annex to the Certificate

placed on the market under the name or the trade name of

Mayer & Co Beschläge GmbH
Alpenstraße 173
A-5020 Salzburg

and produced in the manufacturing facility

MACO Baubeschlag Produktions & Betriebs GmbH
Steindorf 67
A-5570 Mauterndorf

This certificate attests that all provisions of the assessment and verification of constancy of the performance according to the description in annex ZA of the standard

EN 179:2008

within the scope of the system 1 for the performance according to the information given in this certificate, and that

the performance of the construction product is consistently rated as resistant.

Product Classification key

3	7	5/6	B	1	4	5	1/2	A	B/D
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This certificate was initially created on the **23. March 2026** and shall remain valid until either the harmonized standard of the construction product, the system of assessment and verification of constancy of performance or the production conditions at the plant are changed, or suspended until the certificate of the notified certification body is suspended or revoked.

D-Velbert, 23. March 2026

This certificate has a total of 7 pages.

Annex for the Certificate of Constancy of Performance

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Essential features	Sections of this European standard	Mandated levels and/or classes	Notes
Ability for release (of doors in escape routes) Release function Actuation for release Construction of the handle Double-leaf door Protruding edges and corners Installation of the handle Protrusion of the control panel Protrusion of the control elements Free end of the handle Actuating distance of the handle Test rod Actuation for release with push plate Accessible free space Free movement of the door Upward running driving bolt rods Locking counterparts Dimensions of the locking counterparts Dimensions and mass of the door External access device Release forces Requirements towards security (burglary protection)	4.2.1	none	$\leq 1 \text{ s}$ passed Type A: passed NPD $\geq 0.5 \text{ mm}$ Type A ($X \geq 120 \text{ mm}$; $Z \leq 150 \text{ mm}$) Class 1 ($W \leq 150 \text{ mm}$) Class 2 ($W \leq 100 \text{ mm}$) $V \geq \text{ø}18 \text{ mm}$ $U \geq 40 \text{ mm}$; $W \leq 100 \text{ mm}$; $\alpha \leq 30^\circ$ Type A (test block) passed NPD 20 mm passed NPD passed NPD $\leq 1320 \text{ mm width}$, $\leq 2520 \text{ mm height}$, door mass class 6 ($\leq 200 \text{ kg}$) Class 5 ($\leq 100 \text{ kg}$) when using MACO latch-action opener passed Type A ($\leq 70 \text{ N}$) Class 5 (5000 N)

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Essential features	Sections of this European standard	Mandated levels and/or classes	Notes
<p>Lasting functionality in terms of the ability for release compared with aging and loss of quality (for doors in escape routes)</p> <p>Corrosion resistance</p> <p>Temperature range</p> <p>Covers for driving bolt rods</p> <p>Lubrication</p> <p>Closing force</p> <p>Lasting functionality</p> <p>Resistance of the control element against misuse</p> <p>Resistance of the driving bolt rod against abuse</p> <p>Final examination</p>	4.2.1	none	<p>Class 4 (240 h, Type A ≤ 100 N)</p> <p>Actuating force at -10°C and $+60^{\circ}\text{C}$ $\leq 50\%$ of the measured actuating force at $+20^{\circ}\text{C}$</p> <p>NPD</p> <p>20,000 cycles</p> <p>≤ 50 N</p> <p>Application area of the door of class B/D: 200,000 cycles, class 7</p> <p>500 N and 1000 N</p> <p>500 N</p> <p>Type A: ≤ 70 N</p>
<p>Ability to close automatically Close C (of fire protection doors/smoke protection doors in escape routes)</p> <p>Closing force</p>	4.2.1	none	$\leq 50\text{N}$

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Essential features	Sections of this European standard	Mandated levels and/or classes	Notes
<p>Lasting functionality in terms of the ability for the ability to close automatically C compared with aging and loss of quality (of fire protection doors/smoke protection doors in escape routes)</p> <p>Lasting functionality</p> <p>Closing force</p>	4.2.1	none	Application area of the door of class B/D: 200,000 cycles, class 7 ≤ 50 N
<p>Fire resistance capabilities E (room closure) and I (thermal insulation) (of fire protection doors in escape routes)</p>	4.2.1	none	Class B: Fire assessment: DMT-DO-50-1593 from 27.02.2026 by DMT GmbH & Co. KG, D-49762 Lathen
<p>Dangerous substances</p>	4.1.29 Note 2 in certification order1	none	passed: The manufacturer declares that the product contains no hazardous substances or release them beyond the maximum levels specified in European standards and national regulations.

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No.	Item-No.	Function	Vs-Type	Backset	Distance	Forend	Classification									
							3	7	5*/6	B	1	4	5	1/2**	A	B/D
1	2511xx	I	B/D	35 – 80 mm	92 mm	F 16 mm	3	7	5*/6	B	1	4	5	1/2**	A	B/D
2	2604xx	I	B/D	35 – 80 mm	92 mm	U6x24x6 mm or F 24 mm	3	7	5*/6	B	1	4	5	1/2**	A	B/D
3	2607xx	I	B/D	35 – 80 mm	92 mm	F 16 - F 24 mm F 20 mm (round)	3	7	5*/6	B	1	4	5	1/2**	A	B/D

* Necessary change to the Classification when using the MACO-Latch-action opener
 (Item no. 480278 – 480280 und 482635):

x	x	5	0	x	x	x	x	x	x
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Masso of the door: max. 100 kg

** 8. Position Projection of the control element depends on the used fitting.

Vs-Type (Device-Types)	
Vs-Type A	Device for 1-leaf doors outward opening Device for 2-leaf: Active- or fixed leaf
Vs-Type B	Device for 1-leaf doors outward opening
Vs-Type C	Device for 2-leaf doors outward opening: Only fixed leaf
Vs-Type D	Device for 1-leaf doors inward opening

Functions descriptions	
Funktion "I"	Ein One-piece lock follower, permanent escape door function. It is always possible to open from the inside via the fitting. From the outside, the latch and the bolt can be retracted using the key. (Switching function E)

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Approved handle sets

No.	Manufacturer	Item
1	CISA S.p.A	Paris
2	ECO Schulte GmbH & Co. KG	D-110, D-115, D-116, D-120, D-190, D-330, D-335, D-410, D-415, D-490, D-510, D-515, D-730, D-830, D-835, D-910
3	Franz Schneider Brakel GmbH + Co KG	xx 1002, xx 1016, xx 1031, xx1042, xx 1043, xx 1045, xx 1053, xx 1070, xx 1074, xx 1088, xx 1094, xx 1119, xx 1134, xx 1146, xx 1159, xx 1160, xx 1164, xx 1177, xx 1178, xx 1232, xx 1243, xx 1245, xx 1247, xx 1255, xx 1272, xx 1278, xx 1286, xx 1287, xx 1098, xx 0616, xx 0627, xx 0692, xx 7870, xx 7862, xx 7865, xx 7825
4	HEWI Heinrich Wilke GmbH	111.xx, 114.xx, 115.xx, 165.xx, 166.xx, 103X, 104X., 111X. 112X, 113X, 165X, 166X, 173X, 174X, 270XAH11.xx
5	HOPPE AG	Dallas, Liverpool, Marseille, Paris, Rotterdam, San Francisco, Stockholm, Trondheim
6	Hermet-Metallwaren B. Porst GmbH	1801.xx/ Basic 01, 1801.GK.xx/ Basic 01 offset, 1805.xx/ Basic 05, 1808.xx/ Basic 08, 1808.GK.xx/ Basic 08 gekröpft, 1809.xx/ Basic 09, 1811.xx/ Basic 11, 1816.xx/ Basic 06, 1816.GK.xx/ Basic 06 offset
7	OGRO Beschlagtechnik GmbH	8100, 8100A, 8100V, 8101, 8101A, 8101V, 8103, 8112, 8116, 8116V, 8350, 8350A, 8350V, 8353, 8354, 8527, 8527A, 8810, 8811, 8822, 8871, 8871V, 8830, 8830A, 8880, 8907, 8907A, 8910, 8916, 8916A, 8991, 8991A, 8907, 8907A, 8907V, 8999, 8999A
8	SÜD-Metall Schließsysteme Leipzig GmbH	Hanna-R, Hanna-SP-R, Katrin-R, Paula II-R, Paula III-R, Paula III-SP-R, Madrid-R

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Approved locking components and locking strips

Item numbers	Description
1041XX, 1062XX, 2178XX, 2179XX, 2187XX, 2190XX - 2195XX, 2240XX, 2246XX, 2249XX, 2264XX, 2298XX, 2500XX- 2502XX, 2504XX, 2508XX, 2512XX, 2516XX, 2520XX	Locking plate 2 MF-HO
1061XX, 2078XX, 2179XX, 2189XX - 2196XX, 2240XX - 2242XX, 2249XX - 2251XX, 2257XX, 2264XX, 2265XX, 2268XX, 2272XX, 2273XX, 2276XX - 2278XX, 2284XX, 2289XX, 2298XX, 2500XX, 2502XX, 2505XX, 2509XX, 2515XX, 2516XX, 2518XX, 2521XX	Latch- and bolt locking plate A-TS
2144XX, 2156XX, 2179XX, 2192XX - 2195XX, 2240XX, 2249XX, 2257XX, 2264XX, 2269XX, 2270XX, 2273XX, 2274XX, 2277XX, 2278XX, 2284XX, 2288XX, 2289XX, 2293XX, 2298XX, 2500XX - 2502XX, 2509XX, 2515XX, 2521XX	MF-HO locking plate
1062XX, 2078XX, 2100XX, 2126XX, 2144XX, 2169XX, 2273XX, 2282XX, 2288XX, 2298XX, 2500XX, 2516XX	Hook-Bolt locking plate

Approved accessories

Item numbers	Description
480278 - 480280	MACO Latch-action opener with latch slide and permanent opening
482635	MACO Latch-action opener with permanent opening
106054	Locking element for day position A-TS
478679	Bolt switch contact cable length 6 m VdS C
481964	Sense by MACO Door
104130	Motor for 3-Latch-Automatic lock
482967	Comfort Motor 2.0 A-TS
1074xx	Offset latch DM 35-80 mm with latch clip