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National Technical Performance Declaration

No 1/03/2021 from March 04.03.2021

1. Name and trade name of the construction product: Magnetic latch door locks.

2. Type designation of the construction product: Magnetic latch door locks: latch-type, for cylinder insert, and WC type.

3. Intended use or uses: Intended use or uses: Magnetic latch locks for interior doors.

4. Name and address of the manufacturer: ENGER Robert Kwiecień, Zagrody 25 Street, 32-200 Miechów; Poland

5. Name and address of the authorized representative, if appointed: Not applicable.

6. National system used for the assessment and verification of the constancy of performance properties: System 3.

7. National technical specification:

    a. PN-EN 12209:2016-04 "Building hardware. Mechanical locks with hooks. Requirements and test methods."
    Research unit: Department of Engineering of Building Elements - Institute of Building Technology (branch in Poznań)
    Accreditation number: AB 023
    Report number: LZE01-03708/19/Z00NZE

8. Declared utility properties:

1	2	3	4	5	6	7	8
Category of use	Durability	Door weight	Fire resistance	Safety	Corrosion resistance	Security	Type of action
3	**C**	**7**	**0**	**0**	**F**	**0**	**0**

9. The utility properties of the specified product mentioned above are in accordance with all those declared in point 8. This national declaration of performance is issued in accordance with the Act of April 16, 2004, on construction products, under the exclusive responsibility of the manufacturer.

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Signed on behalf of the manufacturer by:

Robert Kwiecień, owner

……

(Name and surname, and position:)

Miechow, 04.03.2021

……

(Place and date of issue)

……

(signature)

Attachments:
Attachment number 1: Door handle classification

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Attachement no 1

CLASSIFICATION OF MAGNETIC LOCKS

STANDARD PN-EN 12209:2016-04 Magnetic latch locks for internal doors

No.	Product features	Product class
1	Category of use	Class 1: medium frequency (doors inside residential buildings) **Class 2: medium frequency (internal doors in office buildings**) Class 3: high frequency (publicly accessible office doors)
2	Durability	Class A: 50,000 cycles, without latch load Class B: 100,000 cycles, without latch load **Class C: 200,000 cycles, without latch load** Class G: 100,000 cycles, latch load of 10 N Class H: 200,000 cycles, latch load of 10 N Class L: 100,000 cycles, latch load of 25 N Class M: 200,000 cycles, latch load of 25 N Class R: 100,000 cycles, latch load of 50 N Class S: 200,000 cycles, latch load of 50 N Class W: 100,000 cycles, latch load of 120 N Class X: 200,000 cycles, latch load of 120 N
3	Door mass and closing force	Class 1: Doors up to 100 kg, closing force up to 50 N Class 2: Doors up to 200 kg, closing force up to 50 N Class 3: Doors above 200 kg, closing force up to 50 N Class 4: Doors up to 100 kg, closing force up to 25 N Class 5: Doors up to 200 kg, closing force up to 25 N Class 6: Doors above 200 kg, closing force up to 25 N **Class 7: Doors up to 100 kg, closing force up to 15 N** Class 8: Doors up to 200 kg, closing force up to 15 N Class 9: Doors above 200 kg, closing force up to 15 N
4	Suitability for fire doors/smoke-tight doors	Class 0: Not allowed for use in fire doors and smoke-tight doors. Class A: Suitable for use in smoke-tight doors based on a test in accordance with standard EN 1634-3, where the lock is integral with the requirements of standard EN 12209, annex A. Class B: Suitable for use in fire doors and smoke-tight doors based on a test in accordance with standard EN 1634-1 or EN 1634-2, where the lock is integral with the requirements of standard EN 12209, annex A. Class N: Suitable for use in fire doors and smoke-tight doors where the lock does not contribute to maintaining the door in the closed position during fire resistance and/or smoke control testing, based on the requirements of standard EN 12209, annex A.
5	Safety	Class 0: No safety requirements
6	Corrosion resistance and temperature resistance	Class 0: Undetermined resistance, no temperature requirements Class A: Low resistance, no temperature requirements. Class C: High resistance, no temperature requirements Class D: Very high resistance, no temperature requirements. **Class F: High resistance, temperature from -10ºC to +60ºC.** Class G: Very high resistance, temperature from -10ºC to +60ºC

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7	Drill protection and resistance	**Class 0: No security requirements** Class 1: Minimal protection, no resistance to drilling Class 2: Low protection, no resistance to drilling Class 3: Medium protection, no resistance to drilling Class 4: High protection, no resistance to drilling Class 5: High protection, resistant to drilling Class 6: Very high protection, no resistance to drilling Class 7: Very high protection, resistant to drilling
8	Key identification	Class 0: No requirements Class A: Minimum 3 locking elements Class B: Minimum 5 locking elements Class C: Minimum 5 locking elements, extended number of actual combinations Class D: Minimum 6 locking elements Class E: Minimum 6 locking elements, extended number of actual combinations Class F: Minimum 7 locking elements Class G: Minimum 7 locking elements, extended number of actual combinations Class H: Minimum 8 locking elements, extended number of actual combinations