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National Technical Performance Declaration

No. 1/09/2024 dated 01.09.2024

1. Name and trade name of the construction product: Collection of door handles and knobs under the brand STERK.

2. Type designation of the construction product: Collection of door handles and knobs under the brand Aprile SLIM 7 mm with specific names: OVAL 1701, OVAL 1702, OVAL 1704, OVAL 1705, OVAL 1706, OVAL 1707, OVAL 1708, KVADRAT 1701, KVADRAT 1702, KVADRAT 1703, KVADRAT 1704, KVADRAT 1705, KVADRAT 1706, KVADRAT 1707, KVADRAT 1708.

3. Intended use or uses: Hardware designed for interior doors in residential and public construction, consisting of handles and knobs available on split backplates, with additional rosettes: with a keyhole, with a cylinder insert hole, with a WC turn.

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 1906:2012 - "Architectural hardware – Door handles and knobs with escutcheons – Requirements and test methods."
    Precision Mechanics Institute, 3 Duchnicka Street, 01-796 Warsaw - Laboratory for Testing Mechanical Security Devices and Light Building Partitions LB-1
    Accreditation number: AB 035
    Report number: LB-1/174/2017

    b. PN-EN 1670:2008 - „Architectural hardware – Corrosion resistance – Requirements and test methods."
    Precision Mechanics Institute, 3 Duchnicka Street, 01-796 Warsaw – Laboratory for Testing Coating Properties and Paint Materials LB-3
    Accreditation number: AB 240
    Report number: LB-3/860/2019

    c. PN-EN ISO 9227:2017-6 - „Corrosion testing in artificial atmospheres. Testing in sprayed brine."
    Precision Mechanics Institute, 3 Duchnicka Street, 01-796 Warsaw - Laboratory for Testing Mechanical Security Devices and Light Building Partitions LB-3
    Accreditation number: AB 240
    Report number: LB-3/860/2019

    d. PN-EN 1643-1:2014 - "Fire resistance and smoke control tests for door, shutter, and openable window assemblies, as well as building hardware components."
    Centrum Techniki Okrętowej S.A., located at 65 Szczecińska Street, 80-392 Gdańsk, houses the Fire Testing Laboratory.

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Accreditation number: AB 014
Report number: RS-18/B-460

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
4	**7**	**0**	**B1**	**0**	**3**	**0**	**A**

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.

Signed on behalf of the manufacturer by:

Robert Kwiecień, owner

……
(Name and surname, and position:)

Miechow, September 1, 2024

……
(Place and date of issue)

Robert Kwiecień

……
(signature)

Attachments:
Attachment number 1: Door handle classification

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Attachement no 1

DOOR HANDLE CLASSIFICATION
STANDARD PN-EN 1906:2012 Architectural hardware – Door handles and knobs with escutcheons.

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) **Class 4: high frequency (doors in public utility buildings)**
2	Durability	Class 6: medium frequency of use (100,000 cycles) **Class 7: high frequency of use (200,000 cycles)**
3	Door weight	Not classified
4	Fire resistance	Class 0: unspecified classification Class A: for use in smoke-tight doors Class A1: for use in smoke-tight doors, tested for 200,000 cycles Class B: for use in smoke-tight and fire-resistant doors **Class B1: for use in smoke-tight and fire-resistant doors, tested for 200,000 cycles** Class C: for use in smoke-tight and fire-resistant doors with requirements for fire-resistant inserts, escutcheons, and backplates Class C1: for use in smoke-tight and fire-resistant doors with requirements for fire-resistant inserts, escutcheons, and backplates, tested for 200,000 cycles Class D: for use in smoke-tight and fire-resistant doors with requirements for a special core in the handle/knob Class D1: for use in smoke-tight and fire-resistant doors with requirements for a special core in the handle/knob, tested for 200,000 cycles
5	Safety	Class 0: normal use Class 1: applications requiring increased security
6	Corrosion resistance	Class 0: unspecified classification Class 1: low resistance Class 2: medium resistance **Class 3: high resistance** Class 4: very high resistance Class 5: extremely high resistance
7	Security	Class 0: unspecified classification Class 1: low burglary resistance Class 2: medium burglary resistance Class 3: high burglary resistance Class 4: very high burglary resistance
8	Type of action	**Type A: spring-assisted hardware** Type B: spring-loaded hardware Type U: non-spring hardware