

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-202263-01

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s).

Product(s): Building hardware – Panic exit device(s) operated by a horizontal bar
(refer to attached appendix for details and conditions)

Placed on the market under the name or trade mark of: Dormakaba Deutschland GmbH
DORMA Platz 1, D-58256 Ennepetal, Germany.

and produced in the manufacturing plant(s): SG-15396

Intended use: For doors on escape routes.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 1125:2008

Under System 1 for the performances set out in this certificate are applied and that the performance of the construction product fulfils all the prescribed requirements for these performances.

This certificate was first issued on **2020-12-07** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

The issued document and statement(s) herein makes reference only to a presumption of conformity in accordance with the CPR Regulations EU 305/2011 (as amended). However, it is the manufacturer's or their authorised representative's sole responsibility to affix the CE logo and, by doing so, confirms full compliance and conformity to all other European mandatory directives and regulations that may also apply.



0905

Signature:

96946

Name:

Dipl.-Ing. Roland Heine

Date: 2020-12-07

Issue: 01

Position: Certification Manager



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Brand: DORMAKABA

Model Ref: PHA 1102 silver/SS, PHA 1103 silver/SS, PHA 1202 silver/SS, PHA 1203 silver/SS, PHA 1302 silver/SS, PHA 1403 silver/SS, PHA 1301 silver/SS, PHA 1401 silver/SS

Table A1. Model number details for Panic Exit Device from Dormakaba Deutschland GmbH

| Model numbers ^{2,3} | Single door | Double door | | Lock & Latch type | Latching point(s) ^{4,5,6} | |
|------------------------------|-------------|-------------|---------------|-------------------|------------------------------------|---|
| | | Active door | Inactive door | | H | V |
| PHA 1102 silver/SS | ✓ | ✓ | -- | Rim | 1 | 0 |
| PHA 1103 silver/SS | ✓ | ✓ | -- | Mortice | 1 | 0 |
| PHA 1202 silver/SS | ✓ | -- | ✓ | Rim | 0 | 2 |
| PHA 1203 silver/SS | ✓ | ✓ | -- | Rim | 2 | 0 |
| PHA 1302 silver/SS | ✓ | -- | -- | Rim | 1 | 2 |
| PHA 1403 silver/SS | ✓ | -- | -- | Rim | 2 | 2 |
| PHA 1301 silver/SS | ✓ | ✓ | -- | Rim | 3 | 0 |
| PHA 1401 silver/SS | ✓ | ✓ | -- | Rim | 4 | 0 |

Accessories

| | |
|--------|------------------------------|
| PHT 10 | Lever, Outside access device |
|--------|------------------------------|

Notes.

- Building hardware tested for use on metal doors with metal frames, as described in fire resistance test reports (see summary Table A.3)
- Product code silver – designation represents carbon steel cover
- Product code SS – designation represents stainless steel cover
- H – number of horizontal latching points.
- V – number of vertical latching point
- Latching point dimensions (the same), only differing number of latching points.

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Table A2. Mechanical test reports and product Classification for Panic Exit Device from Dormakaba Deutschland GmbH ^{a, b}

| Mechanical test reports ¹ | Model list | Product Classification | | | | | | | | | |
|---|--------------------|------------------------|---|---|----------------|---|---|---|---|---|---|
| 130909052GZU-001 | PHA 1102 silver/SS | 3 | 7 | 6 | B ^b | 1 | 4 | 2 | 2 | A | A |
| 130909052GZU-002 | PHA 1103 silver/SS | 3 | 7 | 6 | B ^b | 1 | 4 | 2 | 2 | A | A |
| | PHA 1202 silver/SS | 3 | 7 | 6 | B ^b | 1 | 4 | 2 | 2 | A | A |
| 130909052GZU-003 | PHA 1302 silver/SS | 3 | 7 | 6 | B ^b | 1 | 4 | 2 | 2 | A | B |
| | PHA 1403 silver/SS | 3 | 7 | 6 | B ^b | 1 | 4 | 2 | 2 | A | B |
| 130909052GZU-004 | PHA 1203 silver/SS | 3 | 7 | 6 | B ^b | 1 | 4 | 2 | 2 | A | A |
| | PHA 1301 silver/SS | 3 | 7 | 6 | B ^b | 1 | 4 | 2 | 2 | A | A |
| | PHA 1401 silver/SS | 3 | 7 | 6 | B ^b | 1 | 4 | 2 | 2 | A | A |
| Notes. | | | | | | | | | | | |
| 1. Products tested as four product families based upon number of latching points (refer to test reports for details). | | | | | | | | | | | |

Notes

- The panic exit device(s) are to be installed in accordance with the installation instructions for the product(s).
- Digit 4 grade "B" was based on the test result from fire resistance test(s) (Refer to Table A3).

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Table A3. Fire test reports for Panic Exit Device from Dormakaba Deutschland GmbH

| Fire Test reports | Tested model | Test Method | Test Door Orientation | Integrity (E) (minutes) | | |
|---|--|----------------|-----------------------|-------------------------|-----------------|-----------------|
| | | | | SF ⁴ | GG ⁴ | CP ⁴ |
| SINGLE ACTION SINGLE DOOR (SASD) ² METAL (STEEL) LEAF & METAL (STEEL) FRAME | | | | | | |
| 130929005SHJ-BP-6 ⁸ | PHA 1102 silver | EN 1634-1:2014 | AWAY ¹ | 125 | 125 | 50 |
| 130929005SHJ-BP-7R1 ⁸ | PHA 1102 silver | EN 1634-1:2014 | INTO ¹ | 125 | 125 | 50 |
| 130929005SHJ-BP-5 ⁷ | PHA 1202 silver | EN 1634-1:2014 | INTO ¹ | 125 | 125 | 40 |
| 130929005SHJ-BP-5 ⁷ | PHA 1202 silver | EN 1634-1:2014 | AWAY ¹ | 125 | 125 | 49 |
| 130929005SHJ-BP-1R2 ⁵ (Insulated) | PHA 1103 silver | EN 1634-1:2008 | AWAY | 120 | 120 | 120 |
| 130929005SHJ-BP-1R2 ⁵ (Insulated) | PHA 1103 silver | EN 1634-1:2008 | INTO | 120 | 120 | 120 |
| SINGLE ACTION DOUBLE DOOR (SADD) ³ METAL (STEEL) LEAF & METAL (STEEL) FRAME | | | | | | |
| 130929005SHJ-BP-3R1 ⁶ | PHA 1102 silver (active) PHA 1202 silver (inactive) | EN 1634-1:2014 | AWAY ¹ | 125 | 125 | 53 |
| 130929005SHJ-BP-4R1 ⁶ | PHA 1102 silver (active) PHA 1202 silver (inactive) | EN 1634-1:2014 | INTO ¹ | 58 | 125 | 41 |
| Note: 1. The test doors were uninsulated steel doors. 2. SASD is single leaf single action door. 3. SADD is Double leaves single action door. 4. For Integrity (SF is Sustained flaming, GG is gap gauge and CP is Cotton pad). 5. PHA 1103 SS was assessed as having same performance. 6. (PHA 1102 SS, PHA 1202 SS), (PHA 1103 silver/SS, PHA 1202 silver/SS), (PHA 1203 silver/SS, PHA 1202 silver/SS), (PHA 1301 silver/SS, PHA 1202 silver/SS), (PHA 1401 silver/SS, PHA 1202 silver/SS) were assessed as having same performance. 7. PHA 1202 SS, PHA 1302 silver/SS, PHA 1403 silver/SS were assessed as having same performance. 8. PHA 1102 SS, PHA 1203 silver/SS, PHA 1301 silver/SS, PHA 1401 silver/SS were assessed as having same performance. | | | | | | |

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Table A4. Panic Exit Device - EN 1125 Table ZA.1 Clauses for Panic Exit Device from Dormakaba Deutschland GmbH

| Product: | Panic exit devices operated by a horizontal bar as covered by the scope of EN1125. | |
|--|--|--|
| Intended uses: | For doors on escape routes. | |
| Requirement / characteristic | Requirement clauses in this European Standard | Results |
| Ability to release (for doors on escape routes) | 4.1.2 Release function | < 1 second |
| | 4.1.3 Panic exit device mounting | Surface mounted on inner face of door leaf. |
| | 4.1.5 Exposed edges and corners | No sharp edges |
| | 4.1.7 Double doorset | Pass (NPD for PHA 1302 silver/SS and PHA 1403 silver/SS) |
| | 4.1.9 Bar installation | Z < 150 mm |
| | 4.1.10 Bar length | X/Y > 60% |
| | 4.1.11 Bar projection | Standard projection Category 2: W < 100 mm |
| | 4.1.12 Bar end | The operating bar does not protrude beyond either of the end support brackets |
| | 4.1.13 Operating bar face | Type A, V > 18 mm |
| | 4.1.14 Test rod | The device does not trap the test rod in any position of the operating bar |
| | 4.1.15 Door face gap | R > 25 mm |
| | 4.1.16 Accessible gap | The test piece placed in any accessible gap cannot prevent the correct operation of the device |
| | 4.1.17 Door free movement | The device does not include any element impeding the free movement of the door once it is released |
| | 4.1.18 Top vertical bolt | Pass (PHA 1202 silver/SS, PHA 1302 silver/SS, PHA 1403 silver/SS only) |
| | 4.1.20 Keepers | The keeper protects the door frame from the damage caused by the door closing and opening |
| | 4.1.21 Keepers dimensions | Pass (PHA 1202 silver/SS, PHA 1302 silver/SS, PHA 1403 silver/SS only) |
| | 4.1.23 Door mass and dimensions | Mass 200 Kg, height ≤ 2500 mm, width 40 to 1000 mm (dimensions mechanical only) |
| | 4.1.24 Outside access device | Pass |
| | 4.2.2 Release forces | < 80 N with the door unloaded < 220 N with the door loaded with 1 000 N |
| | 4.2.7 Security requirement | Grade 2: the device remains locked when a force of 1 000 N is applied to the door |

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| | | |
|---|--|---|
| Durability of ability to release against aging and degradation (for doors on escape routes) | 4.1.4; 4.2.9 Corrosion resistance | Grade 4: Very high resistance (240 hours) |
| | 4.1.6 Temperature range | -10°C; +60°C |
| | 4.1.19 4.2.6 Covers for vertical rods | Pass (PHA 1202 silver/SS, PHA 1302 silver/SS, PHA 1403 silver/SS only) |
| | 4.1.22 Lubrication | Refer to Manufacturer's Maintenance Instructions |
| | 4.2.3 Re-engagement force | < 50 N |
| | 4.2.4 Durability | Grade 7: 200 000 test cycles |
| | 4.2.5 Abuse resistance - Horizontal bar | Pass |
| | 4.2.6 Abuse resistance - Vertical rod | NPD – No performance Determined |
| | 4.2.8; 4.2.2; 4.1.17 Final examination | The device is released with a force < 80 N, with the door unloaded, and < 220 N, with the door loaded with 1 000 N, and the door moves freely |
| Self closing ability C (for fire/smoke doors on escape routes) | 4.2.3 Re-engagement force | < 50 N |
| Durability of self closing ability C against aging and degradation (for fire/smoke doors on escape routes) | 4.2.4 Durability | Grade 7: 200 000 test cycles |
| | 4.2.3 Re-engagement force | < 50 N |
| Resistance to fire E (integrity) and (insulation) (for fire doors on escape routes) | 4.1.8; Annex B Suitability of panic exit devices for use on fire/smoke resisting door assemblies | Grade B: suitable for use on fire/smoke resisting door assemblies (refer to Table A3). |
| Control of Dangerous substances | 4.1.25 Dangerous substances | No dangerous substances declared for this product/intended use |

END OF DOCUMENT

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