

Certificate of Constancy of Performance

0359-CPR-000390

Intertek

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s).

| | |
|--|---|
| Product(s): | Panic Exit Device CMP500P/S series (refer to attached appendix for details and conditions) |
| Placed on the market under the trade mark of: | Jiangmen Camax Hardware Co., Ltd, Building D/2#, No.173, Jianshesanlu, Jiangmen, Guangdong, 529000, CHINA. |
| Produced in the manufacturing plant(s): | Jiangmen Camax Hardware Co., Ltd, Building D/2#, No.173, Jianshesanlu, Jiangmen, Guangdong, 529000, CHINA. |
| 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 performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure constancy of performance of the construction product.

This certificate was first issued on 8th April 2016 and revised on 6th January 2017 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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.

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David Bigland
**Certification
Manager**

Date 6 Jan-2017
Issue 04

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Appendix to Certificate of Constancy of Performance 0359-CPR-000390

Model Ref: **CMP501P/S, CMP505P/S, CMP506P/S, CMP507P/S, CMP508P/S, CMP509P/S, CMP510P/S, CMP511P/S**

Table A1. Model number details for Panic Exit Device from Jiangmen Camax Hardware Co., Ltd.^{1,2,3}

| Model number ^{4,5} for Brand Name | Single door | Double door | | Lock & Latch type | Latching points ^{6,7,8} | |
|---|------------------------------|-------------|---------------|-------------------|----------------------------------|---|
| Camax | | Active door | Inactive door | | H | V |
| CPM501P/S | ✓ | ✓ | -- | Rim | 1 | 0 |
| CPM505P/S | ✓ | -- | -- | Mortice | 1 | 0 |
| CPM506P/S | ✓ | -- | ✓ | Rim | 0 | 2 |
| CPM507P/S | ✓ | ✓ | -- | Rim | 2 | 0 |
| CPM508P/S | ✓ | -- | -- | Rim | 1 | 2 |
| CPM509P/S | ✓ | -- | -- | Rim | 2 | 2 |
| CPM510P/S | ✓ | ✓ | -- | Rim | 3 | 0 |
| CPM511P/S | ✓ | ✓ | -- | Rim | 4 | 0 |
| Accessories | | | | | | |
| CMPA010 | Lever, Outside access device | | | | | |
| Notes. | | | | | | |
| 1. The panic exit device(s) are to be installed in accordance with the installation instructions for the product(s). | | | | | | |
| 2. This certificate of constancy of performance refers to the requirement for the product(s) described under the CPR. There may be other European Directives, where requirements need to be declared before CE marking can be affixed by the manufacturer or their authorised representative. | | | | | | |
| 3. Building hardware tested for use on metal doors with metal frames, as described in fire resistance test reports(see summary Table A.3) | | | | | | |
| 4. Product code P – designation represents carbon steel cover | | | | | | |
| 5. Product code S – designation represents stainless steel cover | | | | | | |
| 6. H – number of horizontal latching points. | | | | | | |
| 7. V – number of vertical latching points | | | | | | |
| 8. 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 Jiangmen Camax Hardware Co., Ltd

| Mechanical test reports ¹ | Model list | Product Classification | | | | | | | | | |
|--|------------|------------------------|---|---|----------------|---|---|---|---|---|---|
| 130909052GZU-001 130909052GZU-002 130909052GZU-003 130909052GZU-004 161124121GZU-001 | CMP501P/S | 3 | 7 | 6 | B ² | 1 | 4 | 2 | 2 | A | A |
| | CMP505P/S | 3 | 7 | 6 | B ² | 1 | 4 | 2 | 2 | A | B |
| | CMP506P/S | 3 | 7 | 6 | B ² | 1 | 4 | 2 | 2 | A | A |
| | CMP507P/S | 3 | 7 | 6 | B ² | 1 | 4 | 2 | 2 | A | A |
| | CMP508P/S | 3 | 7 | 6 | B ² | 1 | 4 | 2 | 2 | A | B |
| | CMP509P/S | 3 | 7 | 6 | B ² | 1 | 4 | 2 | 2 | A | B |
| | CMP510P/S | 3 | 7 | 6 | B ² | 1 | 4 | 2 | 2 | A | A |
| | CMP511P/S | 3 | 7 | 6 | B ² | 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).

2. Digit 4 grade "B" was based on the test result from fire resistance test(s) (Refer to Table A3).

Table A3. Fire test reports for Panic Exit Device from Jiangmen Camax Hardware Co., Ltd ^a

| Fire Test Reports | Model list | Test Method | Fire Resistance (minutes) | |
|--|---|----------------|---------------------------|----------------|
| | | | Integrity (E) | Insulation (I) |
| 130929005SHJ-BP-10R3 ^{a,b} 130929005SHJ-BP-6 130929005SHJ-BP-7R1 130929005SHJ-BP-8R3 | CMP501P/S CMP505P/S ^c CMP506P/S CMP507P/S CMP508P/S ^c CMP509P/S ^c CMP510P/S CMP511P/S | EN 1634-1:2014 | 120 | NPD |

Notes.

a. Test reports 130929005SHJ-BP-1R2, 130929005SHJ-BP-3R1, 130929005SHJ-BP-4R1, Evaluation 130929005SHJ-BP-9R1.

b. 130929005SHJ-BP-9R1 (refers to 130929005SHJ-BP-4R1 and 130929005SHJ-BP-5)

c. Fire resistance testing reports for single door only.

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Table A4. Panic Exit Device - EN 1125 Table ZA.1 Clauses for Panic Exit Device from Jiangmen Camax Hardware Co. Ltd.

| | | |
|---|---|--|
| 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 CMP508P/S and CMP509P/S) |
| | 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 (CMP506P/S, CMP508P/S, CMP509P/S 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 (CMP506P/S, CMP508P/S, CMP509P/S 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 (CMP506P/S, CMP508P/S, CMP509P/S 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 |
| | 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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