

DECLARATION OF PERFORMANCE

EUROPEAN CONSTRUCTION PRODUCTS REGULATION

DoP Number:

CE_DOP.LWG.LOC.006

1. Unique identification code of the product-type:

LWG-4166RSS - euro profile escape lock

LWG-4166SSS - euro profile escape lock

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

LWG-4166RSS - euro profile escape lock, radius, 60mm backset, SSS finish

LWG-4166SSS - euro profile escape lock, square, 60mm backset, SSS finish

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

For use on escape route doors, when fixed in accordance with the manufacturers fitting instructions

For use on fire and smoke compartmentation doors, when fixed in accordance with the manufacturers fitting instructions

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Lloyd Worrall Architectural Solutions

Unit 11, Attercliffe Common Industrial Estate, Fell Road, Sheffield, South Yorkshire S9 2AL, United Kingdom

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard.

EN 179:2008. Notified product certification body No. 2812 performed the determination of the product type on the basis of type testing (including sampling); initial inspection of the manufacturing plant and of the factory production control and continuous surveillance; assessment and evaluation of factory production control; and issued the certificate of constancy of performance of the product.

8. European Technical Assessment:

N/A

9. Declared performance

| Essential characteristics | Performance | Harmonised technical specification |
|---|---|------------------------------------|
| Clause 4.2.1 Ability to release (for doors on escape routes) | | EN 179:2008 |
| Release function | Less than 1 sec | |
| Release operation | Pass | |
| Lever handle design | Pass | |
| Push pad design | N/A | |
| Double doorset | N/A | |
| Exposed edges and corners | More than 0.5mm | |
| Push pad installation | N/A | |
| Lever handle installation | X More than 120mm, Z More than 150mm | |
| Operating element projection | W Less than 100mm | |
| Operating element face (Lever handle) | V More than 18mm | |
| Lever handle free end | U More than 40mm, W Less than 100mm, a Less than 30° | |
| Operating element face (Push pad) | More than 1400mm ² | |
| Lever handle operating gap | Pass | |
| Push pad operating gap | N/A | |
| Test rod | Pass | |
| Push pad release operation | N/A | |
| Accessible gap | Pass | |
| Door free movement | Pass | |
| Top vertical bolt | N/A | |
| Keepers | Pass | |
| Keepers dimensions | | |
| Door mass and dimensions | Mass Less than or Equal to 200 kg Height Less than or Equal to 2520 mm Width Less than or Equal 1320 mm | |
| Outside access device | Pass | |
| Release forces | Pass Type A Less than 70 N | |
| Security requirement | Grade 5 | |

| Essential characteristics | Performance | Harmonised technical specification |
|---|---|---|
| Clause 4.2.1 Durability of ability to release against aging and degradation | | EN 179:2008 (for doors on escape routes) |
| Corrosion resistance | Grade 4 240 hrs | |
| Temperature range | Operating forces at -10°C and + 60°C Less than 50% in excess of the operating forces at +20°C | |
| Covers for vertical rods | --- | |
| Lubrication | Lubrication every 20 000 cycles | |
| Re-engagement force | Less than 50 N | |
| Durability | Grade 7 200 000 cycles | |
| Abuse resistance - Lever handle | 500 N & 1000N | |
| Abuse resistance - Vertical rod | N/A | |
| Final examination | Type A Less than 70 N | |
| Clause 4.2.1 Self closing ability C (for fire/smoke doors on escape routes) | | |
| Re-engagement force | Less than 50 N | |
| Clause 4.2.1 Durability of self closing ability C against aging and degradation (for fire/smoke doors on escape routes) | | |
| Durability | Grade 7: 200 000 cycles | |
| Re-engagement force | Less than 50 N | |
| Clause 4.2.1 Resistance to fire E (integrity) and I (insulation) (for fire doors on escape routes) | | |
| Declared performance for suitability of emergency exit devices for use on fire resisting doorsets or assemblies (for fire doors on escape routes) - Additional requirements | Grade B: Suitable for use on fire/ smoke door assemblies | |
| Clause 4.1.25 Control of Dangerous substances | The materials in the product(s) do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations. | |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Mr David Thornton Reg AI



Category Manager - Architectural Ironmongery

Date of issue: 04/08/2022

Lloyd Worrall Architectural Solutions

Unit 11, Attercliffe Common Industrial Estate, Fell Road, Sheffield, South Yorkshire S9 2AL, United Kingdom

This Declaration of Performance is issued on a standard template provided by the GAI for use in the door and hardware industries. There is no implied endorsement of the content, which is the responsibility of the issuing company.

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