



## CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

**DoP No. LAI.EE.007**

1. Unique identification code of the product-type:

**Orbis 800 Series Emergency Exit Devices**

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:

**Orbis 59 854.1, 59 854.2V, 59 854.3V and 59 854.3H**

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

**For use on; fire / smoke compartment doors and doors on escape routes, when fitted in accordance with the manufacturer's fitting instructions.**

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

**LIDLAW LIMITED  
STRAWBERRY LANE, WILLENHALL,  
WEST MIDLANDS WV13 3RS,  
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 harmonized standard:

**Standard EN179: 2008  
Notified Certification body No.1121 performed the type testing and issued test reports.**

8. European Technical Assessment:

**N/A**

9. Declared performance

| Essential characteristics   | Performance  | Harmonised technical specification |
|---|--|------------------------------------|
| <b>Ability to release</b><br>(for doors on escape routes)   |  | EN 179:2008                        |
| 4.1.2 Release function  | Releases Immediately (<1s)   |                                    |
| 4.1.3 Release operation   | Pass   |                                    |
| 4.1.4 Lever handle design   | N/A  |                                    |
| 4.1.5 Push pad design   | Pass   |                                    |
| 4.1.6 Double doorset  | Pass   |                                    |
| 4.1.8 Exposed edges and corners   | Satisfactory   |                                    |
| 4.1.11 Push pad installation  | <250mm   |                                    |
| 4.1.12 Lever handle installation  | N/A  |                                    |
| 4.1.13 Operating element projection   | Category 2 (≤100mm)  |                                    |
| 4.1.14 Operating element face   | >1400mm <sup>2</sup>   |                                    |
| 4.1.15 Lever handle free end  | N/A  |                                    |
| 4.1.16 Lever handle operating gap   | N/A  |                                    |
| 4.1.17 Push pad operating gap   | >25mm  |                                    |
| 4.1.18 Test rod   | Pass   |                                    |
| 4.1.19 Push pad release operation   | Pass   |                                    |
| 4.1.20 Accessible gap   | Pass   |                                    |
| 4.1.21 Door free movement   | Pass   |                                    |
| 4.1.22 Top vertical bolt  | Pass (where applicable)  |                                    |
| 4.1.24 Keepers  | Pass   |                                    |
| 4.1.25 Keepers dimensions   | Pass   |                                    |
| 4.1.27 Door mass and dimensions   | 2350mm X 1230mm; 200kg   |                                    |
| 4.1.28 Outside access device  | Pass   |                                    |
| 4.2.2 Release forces  | ≤ 150N (type B device)   |                                    |
| 4.2.7 Security requirement  | Grade 2 (1000 N)   |                                    |
| <b>Durability of ability to release against aging degradation</b><br>(for doors on escape routes)                               |  |                                    |
| 4.1.4; 4.2.9 Corrosion resistance   | Grade 3 (96 Hours)   |                                    |
| 4.1.9 Temperature range   | Suitable for operation between:<br>-10°C and + 60°C  |                                    |
| 4.1.23; 4.2.6 Covers for vertical rods  | N/A (no vertical rod covers)   |                                    |
| 4.1.26 Lubrication  | Every 20,000 cycles  |                                    |
| 4.2.3 Re-engagement force   | Pass (≤50N)  |                                    |
| 4.2.4; 4.1.21; 4.2.2; 4.2.3 Durability  | 200,000 cycles   |                                    |
| 4.2.5 Abuse resistance – operating element  | Pass   |                                    |
| 4.2.6 Abuse resistance – Vertical rod   | Pass   |                                    |
| 4.2.8; 4.2.2; 4.1.21 Final examination  | Pass   |                                    |
| <b>Self closing ability C</b><br>(for fire/smoke doors on escape routes)  |  |                                    |
| 4.2.3 Re-engagement force   | Pass (≤50N)  |                                    |
| <b>Durability of Self closing ability C against aging degradation</b><br>(for fire/smoke doors on escape routes)                |  |                                    |
| 4.2.4 Durability  | 200,000 cycles   |                                    |
| 4.2.3 Re-engagement force   | Pass (≤50N)  |                                    |
| <b>Resistance to fire E (integrity) and I (insulation)</b><br>(for fire doors on escape routes)                                 |  |                                    |
| 4.1.10; Annex B - Suitability of emergency exit devices for use on fire resisting doorsets assemblies - Additional requirements | Grade B  |                                    |
| <b>Control of Dangerous substances</b>  |  |                                    |
| 4.1.29 Control of Dangerous substances  | Pass -The materials in the device do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards of 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 Steve Lee  
Chief Executive Officer  
Date of issue: 01/03/2018  
Strawberry Lane  
Wolverhampton, West Midlands WV13 3RS  
United Kingdom

A handwritten signature in black ink, appearing to be 'S. Lee', written over a horizontal line.