



CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

DoP No. LAI.PE.007

1. Unique identification code of the product-type:

**Orbis 59 875.1N, 59 875.2N
Accessories: - 576.AK**

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 59 875.1N, 59 875.2N

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 and smoke compartmentation doors
or
Locked doors on escape routes**

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:

**EN 1125: 2008
Notified Certification body No.0425 performed the type testing and issued test reports.**

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 1125:2008
Release function Panic exit device mounting Exposed edges and corners Double doorset Bar installation Bar length Bar projection Bar end Operating bar face Test rod Door face gap Accessible gap Door free movement Top vertical bolt Keepers Keepers dimensions Door mass and dimensions Outside access device Release forces Security requirement	< 1 sec Pass > 0,5 mm Pass Z < 150 mm from frame stop > 60% of max door width W < 100 mm Pass > 18 mm Pass > 25 mm Pass N/A Pass N/A Pass Door mass \geq 200 Kg, door height \leq 2520 mm, door width \leq 1320 mm Pass < 80 N with the door unloaded, and < 220 N with the door loaded with 1 000 N. Grade 2	
Clause 4.2.1 Durability of ability to release against aging and degradation (for doors on escape routes)		
Corrosion resistance Temperature range Covers for vertical rods Lubrication Re-engagement force Durability Abuse resistance –Horizontal bar Abuse resistance –Vertical rod Final examination	Grade 4: 240 h Operating forces at -10 C° and + 60 C° < 50% in excess of the operating forces at +20 C° N/A Lubrication every 20 000 cycles < 50 N Grade 7: 200 000 cycles 1 000 N N/A < 80 N with the door unloaded, and < 220 N with the door loaded with 1 000 N	
Clause 4.2.1 Self closing ability C (for fire/smoke doors on escape routes)		
Re-engagement force	< 50 N	
Clause 4.2.1 Durability of self closing ability C against aging and degradation (for fire/smoke doors on escape routes)		
Durability Re-engagement force	Grade 7: 200 000 cycles < 50 N	
Clause 4.2.1 Resistance to fire E (integrity) and I (insulation) (for fire doors on escape routes)		
Suitability of panic exit devices for use on fire resisting doorsets assemblies – Additional requirements	Grade B: Suitable for use on fire/smoke door assemblies	
Control of Dangerous substances	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 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 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.