



## CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

DoP No. LAI.PE.002

1. Unique identification code of the product-type:

**Orbis 59 778.1, 59 778.2, 59 778.3, 59 778.4**

**Accessories:**

**378DDS, 378MDS, 36 413.LE, 36 413.KE, 9260 Codelock, P816, 816 Rim Cylinder**

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 59 778.1, 59 778.2, 59 778.3, 59 778.4**

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.1121 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	< 1 sec	
Panic exit device mounting	Pass	
Exposed edges and corners	> 0,5 mm	
Double doorset	Pass	
Bar installation	Z < 150 mm from frame stop	
Bar length	> 60% of max door width	
Bar projection	W < 100 mm	
Bar end	Pass	
Operating bar face	> 18 mm	
Test rod or Block - touchbar	Pass	
Door face gap	> 25 mm	
Accessible gap	Pass	
Door free movement	N/A	
Top vertical bolt	Pass	
Keepers	N/A	
Keepers dimensions	N/A	
Door mass and dimensions	Pass Door mass ≤ 200 Kg, door height ≤ 2520 mm, door width ≤ 1320 mm	
Outside access device	Pass	
Release forces	< 80 N with the door unloaded, and < 220 N with the door loaded with 1 000 N.	
Security requirement	Grade 2	
Clause 4.2.1 Durability of ability to release against aging and degradation (for doors on escape routes)		
Corrosion resistance	Grade 3: 96 h	
Temperature range	Operating forces at -10 C° and + 60 C° < 50% in excess of the operating forces at +20 C°	
Covers for vertical rods	N/A	
Lubrication	Lubrication every 20 000 cycles	
Re-engagement force	< 50 N	
Durability	Grade 7: 200 000 cycles	
Abuse resistance –Horizontal bar	1 000 N	
Abuse resistance –Vertical rod	N/A	
Final examination	< 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	Grade 7: 200 000 cycles	
Re-engagement force	< 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 –	Grade B: Suitable for use on fire/smoke door assemblies	
Additional requirements		
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.