



CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

DoP No: LAI.HG.005

1. Unique identification of the product type:

37 AL4.1 & 37 AL5.1 Stainless Steel Anti Ligature Butt Hinges

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:

37 AL4.1 & 37 AL5.1 Stainless Steel Anti Ligature Butt Hinges

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 fire and smoke compartmentation doors and escape route doors, when fitted 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):

**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 harmonised standard please give the Notified Body Number:

**EN 1935; 2002
NOTIFIED BODY No. 1121 ISSUED THE EC CERTIFICATE**

8. European Technical Assessment:

N/A

9. Declared Performance

Essential characteristics	Performance	Harmonised technical specification
Initial friction torque with max door mass 160kg	Passed with a friction torque no greater than 4Nm	EN 1935: 2002
Static Load Load deformation	Passed with a displacement under load: -Lateral Less than 2mm -Vertical less than 4mm And a residual displacement after unloading. -Lateral less than 0.6mm -Vertical less than 0.3mm	
Overload	Passed	
Shear Strength	Passed with a change in lateral position of leaves less than 3mm	
Essential characteristics Durability	Performance	Harmonised technical specification
Durability	Passed a 200 000 cycles test with a maximum wear: -Lateral Less than 0.5 -Vertical less than 1.0mm With a maximum frictional torque. -after 20 cycles less than 4.0Nm -after completion of 200000 cycles less than 4.0Nm	EN 1935: 2002
Corrosion	Grade 4	
Dangerous Substances Annex ZA3	The materials in the product(s) do not contain or release any dangerous substance 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 as 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

