



CONSTRUCTION PRODUCTS REGULATION (EU) 305/2011
DECLARATION OF PERFORMANCE

DOP NUMBER : ZSSL002

1. Unique identification code of the product type:

**ZH0403BB.SS, ZH0435BB.SS, ZH0404BB.SS, ZH4504BB.SS, ZH4545BB.SS, ZH0403BB.STUD.SS, ZH0435BB.STUD.SS,
ZH0404BB.STUD.SS, ZH4504BB.STUD.SS, ZH4545BB.STUD.SS,**

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:

STAINLESS STEEL SINGLE AXIS BUTT HINGE

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 compartmental 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):

Zero Seal Systems Ltd, Units 43 - 45 Ladford Covert, Seighford, Stafford, ST18 9QG

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 1935:2002

Notified body number 1121 issued the CE certificate

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

N/A



9. Declared performance

| Essential characteristics | Performance | Harmonized technical specification |
|--|--|------------------------------------|
| Initial friction torque with max door mass 120kg | < 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 0.16mm vertical 0.02mm | |
| Overload | Passed | |
| Shear Strength | Passed with a change in lateral position of leaves less than 3mm | |
| Durability | Passed a 200,000 cycle test with maximum wear: lateral 0.17mm vertical 0.01mm with maximum frictional torque. after 20 cycles less than 4.0Nm after the completion of 200,000 cycles less than 4.0Nm | |
| Corrosion Dangerous substances Annex ZA3 | Grade : 240 hrs 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 is in conformity with the declared performance in point 9.

The 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:

.....Mark Lockley - Sales Director.....
(name and function of the person producing the DoP)

.....Stafford, UK - 19/06/2013.....
(place and date of issue)


