

Approved Body No. 1121

## Certificate of Constancy of Performance

### 1121-CPR-UK-AC7008

In compliance with Construction Products Regulation 2011 (retained EU law EUR 2011/305) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020, this certificate applies to the Construction Product:

## Simonswerk UK Ltd DPBW Grade 7 Washered Brass Butt Hinges See Annex A

**Intended use: For use on fire/smoke compartmentation doors, and escape route doors**

Essential characteristics	Performance	Designated standard
<b>Mechanical test evidence: WIL 128790, WIL 128791, WIL 129145 &amp; WIL 542932</b> <b>Fire test Evidence: WF 128266 &amp; WF 520396</b>		
Self-closing Initial friction torque (door mass 40kg) Static load Load deformation  Overload  Shear strength  Hinges for use on fire-resistant and/or smoke-controls doors	< 2Nm  Passed with a displacement under load: - lateral < 2mm - vertical < 4mm and a residual displacement after unloading: - lateral < 0.6mm - vertical < 0.3mm - within the shaded area of figure G.1  Passed  Passed with a lateral and vertical displacement after unloading < 3mm  Grade 1: suitable for use on fire/smoke resistant door assemblies	<b>EN 1935:2002 / AC:2003</b>
Durability  Families of hinges with common design features  Corrosion resistance	Passed a 200,000 cycle test with a maximum wear: - lateral < 0.5mm - vertical < 1mm and with a maximum frictional torque. - after 20 cycles < 2Nm - after the completion of 200,000 cycles < 2Nm  The hinges covered by this certificate are listed in Annex A  Grade 4: 240 hours	
Dangerous substances	Pass: the materials in the hinge do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations (1)	

Approved Body No. 1121

## Certificate of Constancy of Performance

**1121-CPR-UK-AC7008**

Placed on the market under the name of:

**Simonswerk UK Ltd  
Burcot Works  
Spring Street  
Tipton  
West Midlands  
DY4 8TF  
United Kingdom**

and produced in the manufacturing plant:

**E013915-1**

**This is coded format, and the information is held by the Approved Body.**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard:

**EN 1935:2002 / AC:2003**

Under System 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the Construction Product.

This certificate was first issued on **03/07/2021** and re-issued on **11/10/2024** and will remain valid as long as neither the designated standard, the Construction Product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, or unless suspended or withdrawn by the Approved Product Certification Body.

UKCA certificate valid to: **02/07/2027**



0087

A handwritten signature in black ink, appearing to read 'Paul Duggan'.

**Paul Duggan  
Certification Manager**

**Warringtonfire Testing and Certification Limited  
Suite 302, The Genesis Centre, Birchwood, Warrington, WA3 7BH, UK**

Approved Body No. 1121

## Certificate of Constancy of Performance

**1121-CPR-UK-AC7008**

### Annex A

Model Reference	Description
1240 DPBW	100 x 65 x 3.5mm DPBW Washered Brass Butt Hinges Square/radiused corners
1250 DPBW	100 x 75 x 4mm DPBW Washered Brass Butt Hinges Square/radiused corners
P1260 DPBW	100 x 103 x 4mm DPBW Washered Brass Butt Hinges Square/radiused corners
1270 DPBW	127 x 76 x 4mm DPBW Washered Brass Butt Hinges Square/radiused corners
1280 DPBW	152 x 76 x 4mm DPBW Washered Brass Butt Hinges Square/radiused corners
P1285 DPBW	152 x 103 x 4mm DPBW Washered Brass Butt Hinges Square/radiused corners
1440 DPBW URN 1440 DPBW BALL	100 x 65 x 3.5mm DPBW Washered Brass Urn/Ball Finial Hinges Square/radiused corners
1450 DPBW URN 1450 DPBW BALL	100 x 75 x 4mm DPBW Washered Brass Urn/Ball Finial Hinges Square/radiused corners
P1460 DPBW URN P1460 DPBW BALL	100 x 103 x 4mm DPBW Washered Brass Urn/Ball Finial Hinges Square/radiused corners
1470 DPBW URN 1470 DPBW BALL	127 x 76 x 4mm DPBW Washered Brass Urn/Ball Finial Hinges Square/radiused corners
1480 DPBW URN 1480 DPBW BALL	152 x 76 x 4mm DPBW Washered Brass Urn/Ball Finial Hinges Square/radiused corners
P1485 DPBW URN P1485 DPBW BALL	152 x 103 x 4mm DPBW Washered Brass Urn/Ball Finial Hinges Square/radiused corners

Approved Body No. 1121

## **Certificate of Constancy of Performance**

**1121-CPR-UK-AC7008**

### **Annex A (continued)**

Hinges available in the following finishes:

Polished & Lacquered	MABW & Lacquered
Polished & Waxed	DBZW & Lacquered
Satin Brass & Lacquered	Antique Brass & Lacquered
Satin Brass & Waxed	Antique Brass & Waxed
Polished Nickel Plated	Copper Bronze
Polished Chrome Plated	Copper Bronze & Waxed
Satin Nickel Plated	Midnight & Lacquered
Satin Chrome Plated	Midnight & Waxed
Antique Nickel Plated	Burnished Brass
Antique Nickel & Waxed	Honeycombe & Lacquered
Copper Plated	Honeycombe & Waxed
Pewter	Aged Brass & Lacquered
Pewter & Waxed	Aged Brass & Waxed
Polished IBMA	
IBMA & Lacquered	
IBMA & Waxed	