

Notified Body No. 2812

## Certificate of Constancy of Performance

**2812-CPR-AD5456**

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

### Powermatic Axis R108 Concealed Door Closer

**Intended use: For use on fire rated single leaf and double leaf doors  
CONCEALED IN DOOR APPLICATION**

| Essential characteristics                                                                                                                  | Performance                                                                                                                                                                                             | Harmonised Technical Specification |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <b>Mechanical Test Evidence: WIL 413933</b><br><b>Fire Test Evidence: WF 553540 AR Iss 1 / WF 330214 Iss 2 / WF 397894 &amp; WF 401347</b> |                                                                                                                                                                                                         |                                    |
| Self-closing                                                                                                                               |                                                                                                                                                                                                         | <b>EN1154:1996/A1:2002/AC:2006</b> |
| 5.2.1 General                                                                                                                              |                                                                                                                                                                                                         |                                    |
| 5.2.2 Durability                                                                                                                           | 500,000 test cycles                                                                                                                                                                                     |                                    |
| 5.2.3 Closing moment                                                                                                                       | Pass size 3                                                                                                                                                                                             |                                    |
| 5.2.4 Opening moment                                                                                                                       | Pass size 3                                                                                                                                                                                             |                                    |
| 5.2.5 Efficiency                                                                                                                           | > 55% size 3                                                                                                                                                                                            |                                    |
| 5.2.6 Closing time                                                                                                                         | Pass                                                                                                                                                                                                    |                                    |
| 5.2.7 Angles of operation                                                                                                                  | Grade 3, >105°                                                                                                                                                                                          |                                    |
| 5.2.8 Overload performance                                                                                                                 | Pass                                                                                                                                                                                                    |                                    |
| 5.2.9 Temp dependence                                                                                                                      | -15°C to +40°C                                                                                                                                                                                          |                                    |
| 5.2.10 Fluid leakage                                                                                                                       | Pass                                                                                                                                                                                                    |                                    |
| 5.2.11 Damage                                                                                                                              | Pass                                                                                                                                                                                                    |                                    |
| 5.2.12 Latch control                                                                                                                       | NPD                                                                                                                                                                                                     |                                    |
| 5.2.13 Back check (optional)                                                                                                               | NPD                                                                                                                                                                                                     |                                    |
| 5.2.14 Delayed closing (optional)                                                                                                          | NPD                                                                                                                                                                                                     |                                    |
| 5.2.15 Adjustable closing force (optional)                                                                                                 | NPD                                                                                                                                                                                                     |                                    |
| 5.2.16 Zero position (double action door closers only)                                                                                     | NPD                                                                                                                                                                                                     |                                    |
| 5.2.18 Fire/smoke door suitability                                                                                                         | Pass                                                                                                                                                                                                    |                                    |
| Essential characteristics                                                                                                                  | Performance                                                                                                                                                                                             | Harmonised Technical Specification |
| Durability of Self Closing                                                                                                                 |                                                                                                                                                                                                         | <b>EN1154:1996/A1:2002/AC:2006</b> |
| 5.2.2 Durability                                                                                                                           | 500,000 test cycles                                                                                                                                                                                     |                                    |
| 5.2.17.1 Corrosion                                                                                                                         | Grade 3 (96 hours)                                                                                                                                                                                      |                                    |
| 5.2.17.2 Corrosion                                                                                                                         | Pass                                                                                                                                                                                                    |                                    |
| Dangerous Substances Annex ZA3                                                                                                             | Pass: the materials in the door closer do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations |                                    |

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Placed on the Market under the Name of:

**Samuel Heath & Sons PLC  
100 Leopold Street  
Birmingham  
B12 0UJ  
United Kingdom**

and produced in the manufacturing plant:

**CNH42537-1**

**This is coded format, and the information is held by the Notified 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(s)

**EN 1154:1996/A1:2002/AC:2006**

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 **17/11/2020** and reissued on **20/02/2026** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, or unless suspended or withdrawn by the Notified Product Certification Body.

Valid to: **16/11/2028**

ERO Project Reference: **ERO 034621 P2788**



**Pascal Coget  
European Certification –General Manager**

CSF408-NL 8.0