element

Notified Body No. 2812

Certificate of Constancy of Performance

2812-CPR-AD0027

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

R100 Perko Power 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
Mechanical Test Evidence: 610 PCT / 138332 & WIL 535227 **Fire Test Evidence:** WF 149150/A / WF 151270 Iss 3 & WF 397894		
Self closing 5.2.1 General		**EN 1154:1996/A1:2002/AC:2006**
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 5.2.2 Durability	500,000 test cycles	**EN 1154:1996/A1:2002/AC:2006**
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
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 **17/10/2020** and re-issued on **19/12/2024** 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: **16/10/2026**

ERO Project Reference: **ERO 034621 P2223**

Pascal Coget
General Manager-European Certificate

CSF408-NL 8.0