

Approved Body No. 1121

Certificate of Constancy of Performance 1121-CPR-UK-AD8019

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:

TS5.224V Overhead Door Closer

**Intended use: For use on fire rated single leaf and double leaf doors
STANDARD DOOR MOUNT PULL SIDE APPLICATION**

Essential characteristics	Performance	Designated standard
Mechanical evidence: 192276 Iss 3 & WIL 411049 Fire test evidence: WF 125242 / WF144029 Iss 6 / WF 143145 / WF166580 & WF 174172/B		
Self-closing		EN 1154:1996 / A1:2002 / AC:2006
5.2.1 General		
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass size 2 to 4	
5.2.4 Opening moment	Pass size 2 to 4	
5.2.5 Efficiency	> 50% size 2	
5.2.5 Efficiency	> 60% size 4	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 4 180°	
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	Pass	
5.2.13 Back check (optional)	Pass	
5.2.14 Delayed closing (optional)	NPD	
5.2.15 Adjustable closing force (optional)	Pass	
5.2.16 Zero position (double action door closers only)	NPD	
5.2.18 Fire/smoke door suitability	Pass	
Durability of Self Closing		
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	

Certificate of Constancy of Performance 1121-CPR-UK-AD8019

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:

TS5.224V Overhead Door Closer

**Intended use: For use on fire rated single leaf and double leaf doors
PARALLEL ARM APPLICATION**

Essential characteristics	Performance	Designated standard
Mechanical evidence: 192276 Iss 3 & WIL 411049 Fire test evidence: WF 125242 / WF144029 Iss 6 / WF 143145 / WF166580 & WF 174172/B		
Self-closing		EN 1154:1996 / A1:2002 / AC:2006
5.2.1 General		
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass size 3 to 4	
5.2.4 Opening moment	Pass size 3 to 4	
5.2.5 Efficiency	> 55% size 3	
5.2.5 Efficiency	> 60% size 4	
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	Pass	
5.2.13 Back check (optional)	NPD	
5.2.14 Delayed closing (optional)	NPD	
5.2.15 Adjustable closing force (optional)	Pass	
5.2.16 Zero position (double action door closers only)	NPD	
5.2.18 Fire/smoke door suitability	Pass	
Durability of Self Closing		
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	

Certificate of Constancy of Performance

1121-CPR-UK-AD8019

Placed on the market under the name of:

**Boss Door Controls Limited
3-4 Rutherford Square
Brucefield Industry Park
Livingston
EH54 9BU
United Kingdom**

and produced in the manufacturing plant

J/249

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(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 **21/12/2022** and revised on **16/01/2023** 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: **20/12/2025**



0087



Paul Duggan
Certification Manager

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