

Certificate of constancy of performance

1121-CPR-AE0006

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

Arrow 600 Series electrically powered hold open & freeswing Door Closer (Size 3)

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

Essential characteristics	Performance	Harmonised technical specification
<u>Ability to release</u> 5.1.2 release from any angle 5.1.3 Not possible to inhibit the release 5.1.4 Supply voltage 5.1.5 External electrical connection 5.1.6 Inlet for external wiring 5.2.1 General 5.2.2 Electrical release requirements 5.2.4 Durability 5.2.5 Angle of hold open 5.2.6 Manual release 5.2.7 Continuous hold open 5.2.8 Overload performance 5.2.9 Delayed release 5.2.10 Electrical performance 5.1.11 Temperature Rise 5.1.12 Damage 5.1.13 Fire / smoke doors	Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass NPD NPD Pass Pass Pass Grade 1	EN 1155:1997+A1:2002/AC:2006
Essential characteristics	Performance	Harmonised technical specification
<u>Durability of Ability to release</u> 5.2.14.1 corrosion 5.2.14.2 corrosion	Grade 3 (96 hours) Pass	
<u>Dangerous Substances</u> <u>Annex ZA3</u>	If a reference to dangerous substances is added in the table ZA.1, the following claim is suggested: Pass: the materials in the 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	EN 1155:1997+A1:2002/AC:2006

Notified body No.1121
Warrington Certification Limited, Holmesfield Road, Warrington, Cheshire, WA1 2DS, UK

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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

Arrow 600 Series electrically powered hold open & free swing Door Closer (Size 3 to 4)

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

Essential characteristics	Performance	Harmonised technical specification
	Test ref's : 141262,141262/F,141262/P, 141262/FP, 141481, WIL 327223, WIL 327386 & 138941.	
Ability to release 5.1.2 release from any angle 5.1.3 Not possible to inhibit the release 5.1.4 Supply voltage 5.1.5 External electrical connection 5.1.6 Inlet for external wiring 5.2.1 General 5.2.2 Electrical release requirements 5.2.4 Durability 5.2.5 Angle of hold open 5.2.6 Manual release 5.2.7 Continuous hold open 5.2.8 Overload performance 5.2.9 Delayed release 5.2.10 Electrical performance 5.1.11 Temperature Rise 5.1.12 Damage 5.1.13 Fire / smoke doors	Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass NPD NPD Pass Pass Pass Grade 1	EN 1155:1997+A1:2002/AC:2006
Essential characteristics	Performance	Harmonised technical specification
Durability of Ability to release 5.2.14.1 corrosion 5.2.14.2 corrosion	Grade 3 (96 hours) Pass	
Dangerous Substances Annex ZA3	If a reference to dangerous substances is added in the table ZA.1, the following claim is suggested: 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	EN 1155:1997+A1:2002/AC:2006

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Arrow 600 Series electrically powered hold open & freeswing Door Closer (Size 4)

Intended use:- For use on fire rated single leaf and double leaf doors
TRANSOM MOUNT PUSH SIDE APPLICATION.

Essential characteristics	Performance	Harmonised technical specification
Ability to release 5.1.2 release from any angle 5.1.3 Not possible to inhibit the release 5.1.4 Supply voltage 5.1.5 External electrical connection 5.1.6 Inlet for external wiring 5.2.1 General 5.2.2 Electrical release requirements 5.2.4 Durability 5.2.5 Angle of hold open 5.2.6 Manual release 5.2.7 Continuous hold open 5.2.8 Overload performance 5.2.9 Delayed release 5.2.10 Electrical performance 5.1.11 Temperature Rise 5.1.12 Damage 5.1.13 Fire / smoke doors	Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass NPD NPD Pass Pass Pass Grade 1	EN 1155:1997+A1:2002/AC:2006
Essential characteristics	Performance	Harmonised technical specification
Durability of Ability to release 5.2.14.1 corrosion 5.2.14.2 corrosion	Grade 3 (96 hours) Pass	
Dangerous Substances Annex ZA3	If a reference to dangerous substances is added in the table ZA.1, the following claim is suggested: Pass: the materials in the 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	EN 1155:1997+A1:2002/AC:2006

Certificate of constancy of performance
1121-CPR-AE0006

produced by

Arrow Architectural Ltd
Tything Road, Arden Forest Industrial Estate,
Alcester, Warwickshire. B49 6ES

and produced in the manufacturing plant

E/019

This is coded format and the information is held by the Notified Body

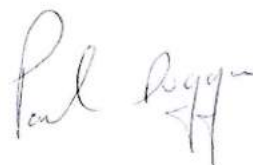
This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 1155:1997+A1:2002/AC:2006

under system 1 of AVCP are applied and that

the product fulfils all the prescribed requirements set out above

This certificate was first issued on **27/05/15** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.



Paul Duggan
Certification Manager
Warrington Certification Ltd



Notified body No.1121
Warrington Certification Limited, Holmesfield Road, Warrington, Cheshire, WA1 2DS, UK

Certificate of constancy of performance
1121-CPR-AE5007

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

**Arrow 600 Series electrically powered
hold open & freeswing Door Closer (Size 5 to 6)**

Intended use:- For use on fire rated single leaf and double leaf doors
STANDARD DOOR MOUNT PULL SIDE AND TRANSOM MOUNT PUSH SIDE APPLICATIONS.

Essential characteristics	Performance	Harmonised technical specification
	Test ref's : WIL 346374, WIL 346375 & 138941 Iss 2.	
<u>Ability to release</u> 5.1.2 release from any angle 5.1.3 Not possible to inhibit the release 5.1.4 Supply voltage 5.1.5 External electrical connection 5.1.6 Inlet for external wiring 5.2.1 General 5.2.2 Electrical release requirements 5.2.4 Durability 5.2.5 Angle of hold open 5.2.6 Manual release 5.2.7 Continuous hold open 5.2.8 Overload performance 5.2.9 Delayed release 5.2.10 Electrical performance 5.1.11 Temperature Rise 5.1.12 Damage 5.1.13 Fire / smoke doors	Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass NPD NPD Pass Pass Pass Grade 1	EN 1155:1997+A1:2002/AC:2006
Essential characteristics	Performance	Harmonised technical specification
<u>Durability of Ability to release</u> 5.2.14.1 corrosion 5.2.14.2 corrosion	Grade 3 (96 hours) Pass	
<u>Dangerous Substances</u> <u>Annex ZA3</u>	If a reference to dangerous substances is added in the table ZA.1, the following claim is suggested: 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	EN 1155:1997+A1:2002/AC:2006

Certificate of constancy of performance

1121-CPR-AE5007

produced by

ARROW ARCHITECTURAL LTD
Tything Road, Arden Forest Industrial Estate,
Alcester, Warwickshire. B49 6ES

and produced in the manufacturing plant

E/019

This is coded format and the information is held by the Notified Body.

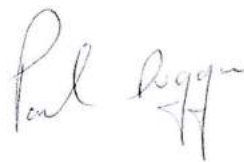
This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 1155:1997+A1:2002/AC:2006

under system 1 of AVCP are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on **27/05/15** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.



Paul Duggan
Certification Manager
Warrington Certification Ltd

