

EC CERTIFICATE OF CONFORMITY

Number: 1121 - CPD - AD0085

In compliance with Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it is confirmed that the following products are subject to factory production control procedures and are submitted by the manufacturer to further testing of samples taken at the factory in accordance with a prescribed test plan. The stated Notified Certification Body has performed the initial type-testing for the relevant characteristics of the product, has conducted the initial inspection of the factory and the factory production control, and is responsible for the continuous surveillance, assessment and approval of the factory production control.

Construction product: **300 Series Overhead Door Closer**

Placed on the market by:

Company:

Address:

Arrow Architectural Ltd

**Tything Road, Arden Forest Industrial Estate, Alcester,
Warwickshire, B49 6ES.**

Product classification:

4	8	3	1*	1	3
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Intended use:

For use on fire / smoke compartmentation doors

Particular conditions applicable: **Mounted in regular position with adjustable latch action**

This document certifies that all the provisions concerning the attestation of conformity and product performance described in Annex ZA of the product standard

EN 1154:1996 + A1:2002

Were applied and that the product fulfils all the prescribed requirements.

Notified Certification Body: **Warrington Certification Ltd**

EC Reference Number: **1121**

This certificate was first issued on **14/10/04**, reissued on **16/11/09** and remains valid as long as the conditions laid down in the harmonised technical specification above, or the product design, or the manufacturing conditions in the factory, or the FPC itself are not modified significantly, or at the latest **15/11/14**.



A.G. [Signature]

Manager – Warrington Certification Ltd.

References:

Mechanical test evidence: 154 PCT/BB
Factory references: E/019

Fire test evidence: 138941
Classification report: N/a

* *The referenced reports detail the precise field of application for fire/smoke door use*

EC CERTIFICATE OF CONFORMITY

Number: 1121 - CPD – AD0086

In compliance with Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it is confirmed that the following products are subject to factory production control procedures and are submitted by the manufacturer to further testing of samples taken at the factory in accordance with a prescribed test plan. The stated Notified Certification Body has performed the initial type-testing for the relevant characteristics of the product, has conducted the initial inspection of the factory and the factory production control, and is responsible for the continuous surveillance, assessment and approval of the factory production control.

Construction product: **325 Overhead Door Closer.**

Placed on the market by:

Company:

Arrow Architectural Ltd

Address:

**Tything Road, Arden Forest Industrial Estate, Alcester,
Warwickshire, B49 6ES**

Product classification:

3	8	5 2	1*	1	3
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Intended use:

For use on fire / smoke compartmentation doors

Particular conditions applicable:

Size 2 to 5 in regular fixing position with adjustable latch action and back check, max opening 167°.

Size 1 to 3 in parallel arm application with adjustable latch action and back check, max opening 115°.

Size 1 to 5 in transom mount push side application with adjustable latch action only, max opening 110°.

This document certifies that all the provisions concerning the attestation of conformity and product performance described in Annex ZA of the product standard

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

Were applied and that the product fulfils all the prescribed requirements.

Notified Certification Body: **Warrington Certification Ltd**

EC Reference Number: **1121**

This certificate was first issued on **14/10/04**, re-issued on **16/11/09** and **16/08/12** and remains valid as long as the conditions laid down in the harmonised technical specification above, or the product design, or the manufacturing conditions in the factory, or the FPC itself are not modified significantly.



Manager – Warrington Certification Ltd.

References:

Mechanical test evidence: 135911, 316182/a, 316182/b & 316182/c.

Factory references: E/019

Fire test evidence: 138941 & 313740.

Classification report: N/a

* *The referenced reports detail the precise field of application for fire/smoke door use*



CERTIFICATE OF APPROVAL
No CF 277

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

ARROW ARCHITECTURAL

**Tything Road, Arden Forest Industrial Estate, Alcester,
Warwickshire, B49 6ES**

Tel: 01789 762575 Fax: 01789 762673

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT

**Arrow 300 Series
Overhead Door Closers**

TECHNICAL SCHEDULE

**TS 34 - The Contribution Of
Controlled Door Closing
Devices And Accessories To
Fire Resisting Doorsets**

Signed and sealed for and on behalf of CERTIFIRE

Sir Ken Knight
Chairman - Management Council

Issued: 29th October 2001
Reissued: 15th November 2012
Valid to: 4th December 2016

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CERTIFICATE No CF 277 ARROW ARCHITECTURAL

Arrow 300 Series Door Closers (300 UNI, 300 RP, 324 VP and 325 VP)

1. This approval applies to the 300 UNI, 300 RP, 324 VP and 325 VP overhead door closers models but excludes mechanical hold open variants.
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section D of the Technical Standards (Scotland) and Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.
3. This approval relates to their use with the following door assemblies: -

Latched and unlatched, intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames having a fire resistance up to 120 minutes (CERTIFIRE Code ITT).

Latched and unlatched, insulated and uninsulated, door assemblies consisting of metal faced and edged leaves in metal frames and having fire resistance's of up to 240 minutes (Code MM and IMM).
4. The closers are approved on the basis of:
 - i) Initial type testing to EN1154 and BS EN 1634-1
 - iii) An appraisal against TS34
 - iii) Certification of quality management system to ISO 9001: 2008.
 - iv) Inspection and surveillance of factory production control
 - v) Ongoing audit testing in accordance with EN 1154 requirements
5. This approval is applicable to the 325 VP closer when mounted in projection arm, parallel arm and transom mount push side applications; all other closer models are approved for use in projecting arm configuration only, with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987) and having power ratings appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).
6. The approval relates to ongoing production. Product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.



CERTIFICATE No CF 277
ARROW ARCHITECTURAL

Arrow 300 Series Door Closers (300 UNI, 300 RP, 324 VP and 325 VP)

7. The following tables show acceptable doorset types and fire resistance periods:

Class	Approved Door Type					
	IMM	MM	TT	ITT	ITM	ITC
FD20	✓	✓	✗	✓	✗	✗
FD30	✓	✓	✗	✓	✗	✗
FD60	✓	✓	✗	✓	✗	✗
FD120	✓	✓	✗	✓	✗	✗
FD240	✓	✓	✗	✗	✗	✗
E 20	✓	✓	✗	✓	✗	✗
EI 20	✓	✓	✗	✓	✗	✗
E 30	✓	✓	✗	✓	✗	✗
EI 30	✓	✓	✗	✓	✗	✗
E 60	✓	✓	✗	✓	✗	✗
EI 60	✓	✓	✗	✓	✗	✗
E 90	✓	✓	✗	✓	✗	✗
EI 90	✓	✓	✗	✓	✗	✗
E 120	✓	✓	✗	✓	✗	✗
EI 120	✓	✓	✗	✓	✗	✗
E 240	✓	✓	✗	✗	✗	✗
EI 240	✓	✓	✗	✗	✗	✗

See CERTIFIRE Technical Schedules for designation of doorset types i.e. ITT etc.



CERTIFICATE No CF 277
ARROW ARCHITECTURAL

Arrow 300 Series Door Closers (300 UNI, 300 RP, 324 VP and 325 VP)

Limitations of Approval:

Doors may not include uninsulated glass above 20% of their total area.

Doorsets shall not include flush overpanels.

The closers may not be fitted to timber doorsets without intumescent protection.

Hold open option is not approved.

325VP Door Closers are approved for projection arm, S2 Figure 6 and Figure 6 brackets only

Classification codes

This approval provides the following classification for the closers listed above:

300 UNI, 300 RP and 324 VP mounted in projecting arm (Figure 1) with adjustable latch action

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325 VP mounted in projecting arm (Figure 1) with adjustable latch action and back check*

3	8	5 3	1	1	3
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*Back check applicable only up to size 4

325 VP mounted in parallel arm (Figure 6) with adjustable latch action and back check

3	8	3	1	1	3
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325 VP transom mounted push side (Figure 61) with adjustable latch action (50 mm maximum head projection)

3	8	5 3	1	1	3
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Further Information

Further information regarding the details contained in this certificate may be obtained from Arrow Architectural (Tel: 01789 762575).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).