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## CERTIFICATE OF APPROVAL

### No CF 294

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

## HOPPE (UK) LTD

**Gailey Park, Gravelly Way, Standeford, Wolverhampton,  
WV10 7GW, United Kingdom**

**Tel: 01902 484400 Fax: 01902 484406**

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

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#### CERTIFIED PRODUCT

**Arrone AR1500 & AR3500  
Series Overhead Door Closers**

#### TECHNICAL SCHEDULE

**TS34 - The Contribution of  
Controlled Door Closing  
Devices and Accessories to  
Fire Resisting Doorsets**

**Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited**

**Paul Duggan  
Certification Manager**

Issued: 16<sup>th</sup> September 2002  
Reissued: 08<sup>th</sup> February 2024  
Valid to: 07<sup>th</sup> February 2029







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7. Where the closers are fitted to door leaves or frames that are manufactured from mineral-based materials, or low-density cellulosic- based material, the door assembly shall have previously been shown capable of accommodating the installation of closers at the head of the doorset, without detriment to the door assembly's performance.
8. The approval relates to on-going 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.

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9. The following tables show acceptable doorsets types and fire resistance periods:

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

**Key:**

- ✓ - Approved
- x - Not approved



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10. Doors are categorised as the following types:

**Code ITT** - 20 minute to 120 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in timber or cellulosic frames.

**Code ITM** - 20 minute to 120 minute door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in steel frames.

**Code MM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames without intumescent seals.

**Code IMM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames with intumescent seals.

### Scope of Approval:

- The Arrone AR3500 closers will be provided with one of three types of covers, an S suffix denoting a square cover, R suffix denoting a radiused cover and D suffix denoting the designer cover. The Arrone AR1500 is available with a contract cover only. All covers are available in various finishes.
- Doors may not include uninsulated glass above 20% of their total area. Uninsulated glass shall not be included directly beneath the door closer body.
- The closer may not be fitted to timber doorsets without leaf/frame edge intumescent protection.
- Mechanical Hold open option is not approved.
- The following functions are supported by this certification:

Closer Ref.	Application	Latch Control	Backcheck	Delayed-Action
AR1500	Projecting Arm (Fig. 1) & Transom Mount (Fig. 61)	Yes	Yes	No
AR1500	Parallel Arm (Fig. 6)	No	No	No
AR3500	Projecting Arm (Fig. 1) & Transom Mount (Fig. 61)	Yes	Yes	No
AR3500	Parallel Arm (Fig. 6)	No	No	No



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**Classification code:**

Arrone 1500 and 3500 – all configurations:

3	8	4 2	1	1	4
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**Further Information**

Further information regarding the details contained in this certificate may be obtained from Hoppe (UK) Ltd (Tel: 01902 484400).

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