
CERTIFICATE OF APPROVAL No CF 577

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

HOPPE (UK) LIMITED

**Gailey Park, Gravelly Way, Standeford,
Wolverhampton, WV10 7GW
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:

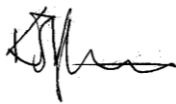
CERTIFIED PRODUCT

**ARRONE Locks & Latches:
AR8018, AR8019, AR8000,
AR8009, AR8004, AR8003,
AR8006, AR8005, AR8023,
AR8007, AR8031, AR8014,
AR8015, AR8001, AR8002,
AR716 and AR717.**

TECHNICAL SCHEDULE

**TS23 The Contribution of
Locks and Latches to The
Performance of Fire
Resisting Doorsets**

Signed and sealed for and on behalf of CERTIFIRE



Sir Ken Knight
Chairman - Management Council
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Issued: 28th January 2008
Reissued: 12th June 2014
Valid to: 11th June 2019



CERTIFICATE No CF 577

HOPPE (UK) LIMITED

ARRONE Locks and Latches

1. The ARRONE locks and latches covered by this certificate are all steel cased. This approval relates to the following specific locks/latches:
 - AR8018 – Heavy Duty Tubular Deadbolt
 - AR8019 – Heavy Duty Tubular Latch
 - AR8000 – One Way Action Square Case Latch
 - AR8009 – Two Way Action Square Case Latch
 - AR8004 – Euro Profile Mortice Sashlock Case
 - AR8003 – Oval Profile Mortice Sashlock Case
 - AR8006 – Euro Profile Mortice Deadlock Case
 - AR8005 – Oval Profile Mortice Deadlock Case
 - AR8023 – Bathroom Lock (5 mm Follower)
 - AR8023 – Bathroom Lock (8 mm Follower)
 - AR8007 – Upright Mortice Latch
 - AR8031 – Square Case Bathroom Deadbolt
 - AR8014 – 5 Lever Security Mortice Sashlock (Non BS)
 - AR8015 – 5 Lever Security Mortice Deadlock (Non BS)
 - AR8001 – 3 Lever Mortice Sashlock
 - AR8002 – 3 Lever Mortice Deadlock
 - AR716 – 5 Lever BS Mortice Sashlock
 - AR717 – 5 Lever BS Mortice Deadlock
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 the use of the above locks/latches in contributing to the fire resistance performance of timber based or mineral composite insulated doorsets, for periods of 60 minutes integrity and insulation, as defined in EN 1634-1.
4. The locks/latches are approved on the basis of:
 - i) Initial type testing or assessment to BS EN 1634-1: 2000
 - ii) An appraisal against TS23
 - iii) Certification of quality management system to ISO 9001: 2008
 - iv) Inspection and surveillance of factory production control
 - v) On-going audit testing in accordance with TS23 requirements

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ARRONE Locks and Latches

5. The door assembly shall be a CERTIFIRE approved product or have achieved the appropriate fire resistance performance when tested at a UKAS accredited laboratory in accordance with BS 476: Part 22: 1987 and/or BS EN 1634:1.
6. The locks/latches may only be fitted in the manner described in this certificate and subject to any limitations on the inclusion of locks/latches specified for the door leaf. This approval is applicable only to the specified locks used with door assemblies of proven fire resistance (as defined in BS EN 1634-1) and when using appropriate intumescent protection.
7. The locks/latches should not be fitted higher than 1100 mm from the finished floor level of the surrounding floors.
8. When fitted to insulated timber or mineral composite door assemblies, the lock/latch shall be provided with a minimum 1 mm thick mono-ammonium phosphate intumescent wrapping which shall fully envelop the lock case.
9. Where the doorset is of a timber based construction, the door leaf shall have a minimum thickness of 52 mm and shall include sub-facings comprising a minimum of 3 mm thick non-combustible board.
10. Locks/latches shall only be fitted using the fixings supplied by the manufacturer.
11. Timber doorsets shall be installed in accordance with BS 8214: 2008.
12. Approval of the locks/latches relates specifically to ITT FD60 and EI60 doorsets.

Classification codes

This approval provides the following classifications for the locks and latches as detailed:

Heavy Duty Tubular Deadbolt

Model	Description	Classification
AR8018	Dead Bolt- Heavy Duty	2 X 8 1 0 F - B 0 0 0

Approved in 76, 100 and 128 mm backsets and SC or EB finishes

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ARRONE Locks and Latches

Heavy Duty Tubular Latch

Model	Description	Classification
AR8019	Heavy Duty Tubular Latch	NPD C 8 1 0 NPD - B 0 NPD 0

Approved in 63, 76, 100 and 128 mm backsets and SC, EB and PSS finishes

One Way Action Square Case Latch

Model	Description	Classification
AR8000	Square Case Latch "1 way action"	1 G 8 1 0 F - B 0 2 0

Approved in 63, 76 and 100 mm backsets and SC and EB finishes

Two Way Action Square Case Latch

Model	Description	Classification
AR8009	Square Case Latch "2 way action"	2 H 8 1 0 F - B 0 NPD 0

Approved in 63, 76 and 100 mm backsets and SC and EB finishes

Euro Profile Mortice Sashlock Case

Model	Description	Classification
AR8004	Euro Mortice Sashlock Case	2 H 8 1 0 F 2 B A 2 0

Approved in 63 and 76 mm backsets and SC and EB finishes

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ARRONE Locks and Latches

Oval Profile Mortice Sashlock Case

Model	Description	Classification
AR8003	Oval Mortice Sashlock Case	2 H 8 1 0 F 2 B A 2 0

Approved in 63 and 76 mm backsets and SC and EB finishes

Euro Profile Mortice Deadlock Case

Model	Description	Classification
AR8006	Euro Mortice Deadlock Case	2 H 8 1 0 F 2 B A 0 0

Approved in 63 and 76 mm backsets and SC and EB finishes

Oval Profile Mortice Deadlock Case

Model	Description	Classification
AR8005	Oval Mortice Deadlock Case	2 H 8 1 0 F 2 B A 0 0

Approved in 63 and 76 mm backsets and SC and EB finishes

Bathroom Lock (5 mm Follower)

Model	Description	Classification
AR8023	Bathroom Mortice Lock 5mm Follower	2 H 8 1 0 F - B 0 2 0

Approved in 63 and 76 mm backsets and SC and EB finishes

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ARRONE Locks and Latches

Bathroom Lock (8 mm Follower)

Model	Description	Classification
AR8023	Bathroom Mortice Lock 8mm Follower	2 H 8 1 0 F - B 0 2 0

Approved in 63 and 76 mm backsets and SC and EB finishes

Upright Mortice Latch

Model	Description	Classification
AR8007	Upright Mortice Latch	2 H 8 1 0 F - B 0 2 0

Approved in 63 and 76 mm backsets and SC and EB finishes

Square Case Bathroom Deadbolt

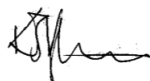
Model	Description	Classification
AR8031	Square Case Bathroom Deadbolt	2 X 8 1 0 F - B 0 0 0

Approved in 63, 76 and 100 mm backsets and SC and EB finishes

5 Lever Security Mortice Sashlock – Non BS

Model	Description	Classification
AR8014	5 Lever Mortice Sashlock	2 H 8 1 0 F 2 K D 2 C

Approved in 63 and 76 mm backsets and SC and EB finishes



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ARRONE Locks and Latches

5 Lever Security Mortice Deadlock – Non BS

Model	Description	Classification
AR8015	5 Lever Mortice Deadlock	2 H 8 1 0 F 2 K D 0 C

Approved in 63 and 76 mm backsets and SC and EB finishes

3 Lever Mortice Sashlock

Model	Description	Classification
AR8001	3 Lever Mortice Sashlock	2 H 8 1 0 F 2 K D 2 A

Approved in 63 and 76 mm backsets and SC and EB finishes

3 Lever Mortice Deadlock

Model	Description	Classification
AR8002	3 Lever Mortice Deadlock	2 H 8 1 0 F 2 K D 0 A

Approved in 63 and 76 mm backsets and SC and EB finishes

5 Lever BS Mortice Sashlock

Model	Description	Classification
AR716	5 lever Mortice Sashlock	3 S 8 1 0 F 7 K D 2 B

Approved in 63 and 76 mm backsets and polished brass and satin chrome finishes

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ARRONE Locks and Latches

5 Lever BS Mortice Deadlock

Model	Description	Classification
AR717	5 lever Mortice Deadlock	3 S 8 1 0 F 7 K D 0 B

Approved in 63 and 76 mm backsets and polished brass and satin chrome finishes

13. The approval relates to on-going production. Products and/or their 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.

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).