



CERTIFICATE OF APPROVAL

No CF 347

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

ALLGOOD PLC

63-83 Brearley Street, Birmingham, B19 3NT
Tel: 0121 359 4415

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

**Allgood 72 Series of locks and
latches**

TECHNICAL SCHEDULE

**TS23 The Contribution Of
Locks And Latches To The
Performance Of Fire Resisting
Doorsets**
**TS31 The Contribution Of
Emergency Exit Devices,
Operated By A Lever Handle Or
Push Pad, To The Performance
of Fire Resisting Door
Assemblies**

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

Paul Duggan
Certification Manager



Issued: 19th April 2004
Revised: 3rd June 2021
Valid to: 31st January 2024

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Allgood 72 Series Locks and Latches

1. This certification is provided to the client for its own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
2. The Allgood locks and latches covered by this certificate are all steel cased. This approval relates to the following specific locks:

Mortice Latch	7204F60	Mortice Bathroom Lock	7208.60
Mortice Latch	7204F80	Mortice Bathroom Lock	7208.80
Mortice Latch	7204.60	Mortice Privacy Lock	7225F60
Mortice Latch	7204.80	Mortice Privacy Lock	7225.60
Mortice Deadlock	7286F60	Mortice Emergency Lock	7278F60
Mortice Deadlock	7286F80	Mortice Emergency Lock	7278F80
Mortice Deadlock	7286.60	Mortice Emergency Lock	7278.60
Mortice Deadlock	7286.80	Mortice Emergency Lock	7278.80
Mortice Sashlock	7279F60	Mortice Nightlatch	7281.60
Mortice Sashlock	7279F80	Mortice Nightlatch	7281.80
Mortice Sashlock	7279.60	Mortice Nightlatch	7281F60
Mortice Sashlock	7279.80	Mortice Nightlatch	7281F80
Mortice Bathroom Lock	7208F60	Mortice Apartment Lock	7282F60
Mortice Bathroom Lock	7208F80		

The range incorporates steel latchbolt, deadbolt, forend, case and strikeplate. The forend is 235 mm high x 24 mm wide 3 mm thick. The latchbolt has a 12 mm projection.

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 90 minutes (Code ITT).

Latched and unlatched, door assemblies consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames with or without intumescent seals having a fire resistance up to 240 minutes (Code IMM/MM).

4. This approval relates to the use of the above locks/latches in contributing to the fire resistance performance of timber based doorsets, as defined in BS EN 1634-1 or BS 476: Part 22: 1987.



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5. The locks are approved on the basis of:

- i) Initial type testing to EN 1634-1 and EN 12209
- ii) An appraisal against TS23
- iv) Certification of quality management system to ISO 9001.
- v) Inspection and surveillance of factory production control
- vi) On-going audit testing in accordance with TS23 requirements

6. The mortice locks and/or latches should only be used with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987) with similar size locks and strikeplates, the critical aspects of the doorset construction are considered to be the material of the door frame, the leaf to frame clearance gaps and the lipping material. Attention should be paid to these details and these should not be amended from that previously fire tested. The following minimum specification will be followed:

30 and 60 minute Timber-based assemblies:

- i) Door frame density - 450 kg/m³ (30 minutes), 640 kg/m³ (60 minutes)
- ii) Door leaves shall have a minimum thickness of 44 mm for 30 minute applications and 54 mm for 60 minute applications.
- iii) Lipping density - 640 kg/m³.

90 minute timber/mineral-based doorsets

Where the locksets are to be used within 90 minute timber based doorsets, the following minimum requirements for the doorset construction shall be adhered to:

- i) Hardwood door frame, minimum density - 650 kg/m³
- ii) Leaf to frame clearance gaps not to exceed 2.5 mm average and 3 mm maximum
- iii) Hardwood lipping, minimum density - 650 kg/m³
- iv) Door leaf thickness – 70 mm minimum
- v) The door leaf must incorporate non-combustible board sub-facings

Steel-based assemblies (Code MM/IMM)

- i) Door leaves shall have a minimum thickness of 44 mm for up to 240 minute applications.
- ii) No additional intumescent protection is required.



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7. When fitted to insulated timber or mineral based door assemblies, The required protection will be as follows:
- i) 30 minute ITT applications - The required protection for will be 1 mm thick Therm-A-Strip intumescent sheet material around the lock case and behind the forend and strike plate and back box.
 - ii) 60 minute ITT applications - The required protection for will be 2 mm thick Therm-A-Strip intumescent sheet material around the lock case and behind the forend and strike plate and back box.
 - Additionally for 60 minute applications only, the perimeter intumescent within the frame/door edge shall by-pass the strike plate or forend by a minimum of 7.5 mm wide on each side (with the exception of the latchbolt lead where present).
 - iii) 90 minute ITT applications - The required protection for will be 2 mm thick Therm-A-Strip intumescent sheet material around the lock case and behind the forend and strike plate and back box.
 - Additionally for 90 minute applications only the perimeter intumescent within the frame/door edge shall by-pass the strike plate or forend by a minimum of 11.5 mm wide on each side (with the exception of the latchbolt lead where present).

Failure to install the protection will invalidate this certificate

8. EN1634-1 was issued originally in 2000, with amended versions issued in 2008, 2014 and 2018. The differences between each version are mainly procedural and are not considered to have a practical impact on the performance of the samples under test. On this basis this evaluation is consider applicable to all versions of EN1634-1 issued prior to the issue of this certificate.
9. The Allgood mortice lock/latch range shall not be fitted higher than 1100 mm from the spindle to the finished floor level of the surrounding floors.
10. Lock assemblies not incorporating a latching mechanism shall only be fitted to proven unlatched door assemblies.
11. Locks/latches shall only be fitted using the fixings supplied by the manufacturer.
12. Cylinders shall only be fitted to doors which have previously been shown capable of accommodating the installation of cylinder locks without detriment to the doorset's performance.



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13. The mortice locks may incorporate Euro profile cylinders as follows:

- i) Single cylinder
- ii) Double cylinder
- iii) Cylinder and thumbturn
- iv) Brass or steel cylinders

Note: The hole in the door face shall follow the shape of the cylinders and be as tight as possible; furthermore the single cylinders door preparation will penetrate through only half the thickness of the door leaf)

14. The spindle hole through the door shall be a maximum of 15 mm diameter unless the doorset has test evidence that proves spindle holes of a greater size than this.
15. Recessing for locks shall result in a tight fit, allowing for any intumescent protection where required. Mortices for the latchbolt and deadbolt behind the strikeplate shall be as small as possible.
16. ITT doorsets shall be installed in accordance with BS 8214.
17. 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.



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18. The following table shows the acceptable doorset types and fire resistance periods:

Class	Approved Door Type				
	IMM	MM	ITT	ITM	ITC
FD20	✓	✓	✓	✗	✗
FD30	✓	✓	✓	✗	✗
FD60	✓	✓	✓	✗	✗
FD90	✓	✓	✓	✗	✗
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	✓	✓	✗	✗	✗

Key:



- approved



- Not approved



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19. Doors are classified as the following types:

Code ITT - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in timber-based frames.

Code ITM - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in steel frames.

Code ITC - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in proprietary composite frames, of which the principal material is other than timber or metal but which may include any other materials.

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.

20. Approved lock/latch models and classifications.

Classification codes

This approval provides the following classification for the lock and latches as detailed:

7204F60, 7204F80, 7204.60 and 7204.80 mortice latches:

3	X	8	1*	0	G	-	B	0	3	0
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7286F60, 7286F80, 7286.60 and 7286.80 mortice deadlocks:

3	X	8	1*	0	G	2	B	A	0	0
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7279F60, 7279F80, 7279.60 and 7279.80 mortice sashlocks:

3	X	8	1*	0	G	2	B	A	3	0
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7208F60, 7208F80, 7208.60, 7208.80, 7225F60 and 7225.60 mortice bathroom locks and mortice privacy locks:

3	X	8	1*	0	G	-	B	0	3	0
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7278F60, 7278F80, 7278.60, 7278.80, 7281F60, 7281F80, 7281.60, 7281.80 and 7282F60 mortice emergency locks, night latches and apartment locks:

3	7	6	B	1	3	4	2	A	B
3	7	6	B	1	3	4	2	A	D

Scope of approval

- The locks may not be fitted to timber doorsets without perimeter intumescent fire seals to the frame rebate or door edge.
- ITT door leaves shall have solid lignocellulosic construction in the lock area encompassing the entire lock case.
- Strikeplates/keeps
 - locks/latches are approved with a range of strikeplates/keeps. All of which are steel and the a maximum size permitted for use on all doorsets is as follows:

width	24 mm (exc. Lip)
height	235 mm
thickness	1.5 mm
Latchbolt- lip height	146 mm
Backbox (h x w x d)	135 x 18 x 23 mm

- Escape furniture
 - Approval of the 7278 and 7282 Series locks and latches in compliance with EN 179: 2008 is only valid when fitted in conjunction with Allgood lever handles referenced MA3502D, SS3502D, PS3502D, PB3502D, MA3506D, SS3506D, PS3506D, PB3506D



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Further Information

Further information regarding the details contained in this certificate may be obtained from Allgood PLC (Tel: 0121 359 4415).

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

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