



CERTIFICATE OF APPROVAL

No CF 5919

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

Dorma UK LTD

Wilbury Way, Hitchin, Herts SG4 0AB
Tel: 01462 477600

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

**dormakaba Mortice Locks and
Latches**

TECHNICAL SCHEDULE

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

**TS 31 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 August 2021
Audit Test Frequency: Annually
Valid to: 18th August 2026





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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 Dorma locks and latches covered by this certificate are Euro-profile cylinder mortice locks. This approval relates to the following specific locks:

Reference	Description	Reference	Description
281 CE	Contract Sashlock	381 CE	Premier Sashlock
285 CE	Contract Bathroom lock	385 CE	Premier Bathroom lock
288 CE	Contract Deadlock	388 CE	Premier Deadlock
289 CE	Contract Latch	389 CE	Premier Latch
290 CE	Contract Nightlatch	391 CE	Premier Anti-thrust lock
295 CE	Contract Sashlock	392 CE	Premier Anti-thrust latch
		393 CE	Premier Anti-thrust classroom latch
		395 CE	Premier Sashlock

The range is supplied with either a 20 mm or 24 mm wide square or radiused forends. The lockcase is steel, and the forends, latch bolts, dead bolts and strike plates are all of stainless steel with a 12 mm latchbolt throw.

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 of 30 and 60 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/mineral based doorsets and predominantly steel based doorsets, as defined in BS EN 1634-1 or BS 476: Part 22: 1987.
5. The locks are approved on the basis of:
 - i) Initial type testing to EN 1634-1 and EN 12209 or EN179
 - ii) An appraisal against TS23 and TS31
 - iii) Certification of quality management system.
 - iv) Inspection and surveillance of factory production control
 - v) On-going audit testing in accordance with TS23 and EN179 requirements

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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 shall be followed:

Timber-based assemblies (Code ITT30 and ITT60):

- 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.

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.
7. When fitted to insulated timber or mineral- based door assemblies, The required protection will be as follows:
- i) ITT 30 – The required protection will be 1 mm thickness of Interdens mono ammonium phosphate or sheet graphite material, around the lock case and behind the forend and strike plate.
 - ii) ITT 60 - The required protection will be 1 mm thickness of Interdens mono ammonium phosphate or sheet graphite material, around the lock case and behind the forend and strike plate. Additionally for ITT60 the perimeter intumescent fire seal within the frame/door edge shall by-pass the strike plate or forend by a minimum of 7 mm wide on each side (with the exception of the latchbolt lip where present).

Note: Failure to install the protection will invalidate this certificate

7. The mortice locks and/or latches should only be used with doorsets which have been previously shown to be capable of providing the required fire resistance performance when tested in accordance with EN 1634-1 or BS 476: Part 22: 1987 in the proposed configuration i.e. single-leaf or double-leaf.
8. A plastic back box may be incorporated behind the strikeplates for both 30 minute and 60 minute ITT applications.

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9. 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.
10. 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 for ITT30 and 60 doorsets
 - v) Steel cylinders only for MM/IMM doorsets

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)

11. 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.
12. Lock assemblies not incorporating a latching mechanism e.g. deadlocks, shall only be fitted to proven unlatched doorset assemblies.
13. The locks/latches should not be fitted higher than 1100 mm from the finished floor level of the surrounding floors.
14. Recessing for locks and strikeplates shall result in a tight fit, allowing for any intumescent protection where required.
15. ITT 30 and 60 doorsets shall be installed in accordance with BS 8214.
16. The approval relates to on-going production. Product and/or its immediate packaging are 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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8. The following table shows 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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9. 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

Approved lock/latch models and classifications to EN 12209.

281 CE Sashlock:

2	S	8	1	0	G	3	H	C	2	0
---	---	---	---	---	---	---	---	---	---	---

285 CE Bathroom lock:

2	S	8	1	0	G	3	H	G	2	0
---	---	---	---	---	---	---	---	---	---	---

288 CE Deadlock:

2	S	8	1	0	G	3	H	C	2	0
---	---	---	---	---	---	---	---	---	---	---

289 CE Latch:

2	S	8	1	0	G	-	H	0	2	0
---	---	---	---	---	---	---	---	---	---	---

290 CE Nightlatch:

2	S	8	1	0	G	-	H	0	2	0
---	---	---	---	---	---	---	---	---	---	---

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Approved lock/latch models and classifications to EN 12209 (continued).

295 CE Sashlock:

2	S	8	1	0	G	3	H	C	2	0
---	---	---	---	---	---	---	---	---	---	---

381 CE Sashlock:

3	X	8	1	0	G	6	H	C	2	0
---	---	---	---	---	---	---	---	---	---	---

385 CE Bathroom lock:

3	X	8	1	0	G	6	H	G	2	0
---	---	---	---	---	---	---	---	---	---	---

388 CE Deadlock:

3	X	8	1	0	G	6	H	C	2	0
---	---	---	---	---	---	---	---	---	---	---

389 CE Latch:

3	X	8	1	0	G	-	H	0	2	0
---	---	---	---	---	---	---	---	---	---	---

391 Anti-thrust sashlock:

3	X	8	1	0	G	6	H	C	2	0
---	---	---	---	---	---	---	---	---	---	---

392 CE Anti-thrust latch:

3	X	8	1	0	G	3	H	C	2	0
---	---	---	---	---	---	---	---	---	---	---

393 CE Anti-thrust classroom latch:

3	X	8	1	0	G	3	H	C	2	0
---	---	---	---	---	---	---	---	---	---	---

395 CE Sashlock:

3	X	8	1	0	G	6	H	C	2	0
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Approved lock/latch models and classifications to EN EN179

295 CE Sashlock:

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

395 CE Sashlock:

3	7	6	B	1	4	5	2	A	B/D
---	---	---	---	---	---	---	---	---	-----

3	7	6	B	1	4	5	2	A	D
---	---	---	---	---	---	---	---	---	---


Scope of Approval:

- The locks may not be fitted to timber doorsets without perimeter intumescent fire seals.
- ITT door leaves shall have solid lignocellulosic construction in the lock area encompassing the entire lock case.
- Strikeplates/keeps - The dormakaba range of 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	165 mm
thickness	1.6 mm
Latchbolt- lip height	45 mm

- The use of plastic dust boxes is permitted behind all lock types for both ITT 30 and 60 applications providing the required intumescent protection is maintained.
- EN179 escape function locks:
 - The locks referenced 295 CE and 395 CE when fitted to comply with the requirements for their escape function in accordance with EN 179: 2008, are only approved when fitted in conjunction with the following approved lever handle sets:

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OGRO Beschlagtechnik GmbH	DO 20.4.01 DO 20.4.02
FSB	DO 20.3.01 DO 20.3.02
Hoppe	DO 20.7.01 DO 20.7.02 DO 20.20.01 DO 20.20.02
ECO	DO 20.1.01 DO 2.17.02 DO 25.21.01
dormakaba Canada Inc.	Saffire LX

Further Information

Further information regarding the details contained in this certificate may be obtained from Dorma UK Limited (Tel: 01462 477600).

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

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