
CERTIFICATE OF APPROVAL

No CF 267

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

DORMA UK LIMITED
Wilbury Way, Hitchin, Hertfordshire SG4 0AB
Tel: 01462 477600 Fax: 01462 477601

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

**Dorma Mortice Locks and
Latches**

TECHNICAL SCHEDULE

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

**Signed and sealed for and on behalf of Exova (UK) Limited trading as
Warrington Certification**



Paul Duggan
Certification Manager



Issued: 11th June 2002
Reissued: 8th December 2017
Valid to: 7th December 2022

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DORMA MORTICE LOCKS AND LATCHES

1. 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	Contract Sashlock	393	Premier Anti-thrust classroom latch
285	Contract Bathroom lock	394	Premier Sashlock
288	Contract Deadlock	116F	Nightlatch
289	Contract Latch	115F	Latch
290	Contract Nightlatch	151F	Sashlock
381	Premier Sashlock	132F	Deadlock
385	Premier Bathroom lock	191F	Bathroom lock
388	Premier Deadlock	752F	Sashlock
389	Premier Latch	515F	Latch
391	Premier Anti-thrust lock	532F	Deadlock
392	Premier Anti-thrust latch	790F	Bathroom lock

The range is supplied with a maximum 20 mm wide square forends. The lockcase is steel, and the forends, latch bolts, dead bolts and strike plates are all of stainless steel.

2. 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 metal door assemblies in metal frames with or without intumescent seals having a fire resistance up to 240 minutes (Code IMM/MM).

3. This certificate is designed specifically to demonstrate compliance of the product or system with Approved Document B (England and Wales); the Technical Handbooks (Scotland); Technical Booklet E (N. Ireland). If compliance is required with other regulatory or guidance documents there may be additional considerations or conflicts to be taken into account.
4. This approval relates to the use of the above locks/latches in contributing to the fire resistance performance of timber based doorsets and metallic 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
- iii) Certification of quality management system to ISO 9001.
- iv) Inspection and surveillance of factory production control
- v) 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), 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 composite door assemblies, The required protection will be as follows:

- i) ITT 30 – No additional intumescent protection required.
- ii) ITT 60 - The required protection will be 1 mm thickness of mono ammonium phosphate or sheet graphite material, around the lock case and behind the forend and strike plate. Additionally the perimeter intumescent fire seal 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 lip where present).

Note: Failure to install the protection will invalidate this certificate

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8. The mortice locks and/or latches and their associated strikeplates and keeps 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.
9. Lock assemblies not incorporating a latching mechanism shall only be fitted to proven unlatched door assemblies.
10. The locks/latches should not be fitted higher than 1100 mm from the spindle to the finished floor level of the surrounding floors.
11. Timber doorsets shall be installed in accordance with BS 8214.
12. 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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13. 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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14. Doors are classified as the following types:

Type MM - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that do not contain intumescent materials in the frame to leaf gap.

Type IMM - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that contain intumescent materials in the frame to leaf gap.

Type ITT - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in timber frames

Type ITM - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in metal frames.

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

Approved lock/latch models and classifications to EN 12209.

281 Sashlock:

2	S	8	1	0	G	3	B	C	2	0
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285 Bathroom lock:

2	S	8	1	0	G	3	B	G	2	0
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288 Deadlock:

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

289 Latch:

2	S	8	1	0	G	3	B	0	2	0
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290 Nightlatch:

2	S	8	1	0	G	3	B	0	2	0
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Approved lock/latch models and classifications to EN 12209 (continued).

381 Sashlock:

3	X	8	1	0	G	6	B	C	2	0
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385 Bathroom lock:

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

388 Deadloc:

3	X	8	1	0	G	6	B	C	0	0
---	---	---	---	---	---	---	---	---	---	---

389 Latch:

3	X	8	1	0	G	-	B	0	2	0
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391 Anti-thrust sashlock:

3	S	8	1	0	G	6	B	C	2	0
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392 Anti-thrust latch:

3	S	8	1	0	G	3	B	0	2	0
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393 Anti-thrust classroom latch:

3	S	8	1	0	G	3	B	0	2	0
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394 Sashlock:

3	X	8	1	0	G	6	B	C	2	0
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Approved lock/latch models and classifications to EN 12209 (continued).

Nightlatch 116F, Latch 115F, Mortice lock 151F & Deadlock 132F:

3	H	8	1	0	G	2	B	C	2	0
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Bathroom lock 191F:

3	H	8	1	0	G	1	B	C	2	0
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Mortice lock 752F, Latch 515F & Deadlock 532F:

2	H	8	1	0	G	2	B	C	2	0
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Bathroom lock 790F:

2	H	8	1	0	G	1	B	C	2	0
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Scope of Approval:

- Strikeplates/keeps - The Dorma 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.

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).