
CERTIFICATE OF APPROVAL

No CF 883

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

SCOTDOR

17 Law Place, Nerston Industrial Estate,
East Kilbride, Glasgow, G74 4QL
Tel: 01355 229 966

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

SCOTDOR DIN Locks and Latches

TECHNICAL SCHEDULE

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

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



Paul Duggan
Certification Manager



Issued: 7th January 2015
Reissued: 1st August 2017
Valid to: 12th December 2021

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1. This approval applies only to the Scotdor DIN locks and latches detailed later in this certificate.
2. 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.
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 60 minutes (Code ITT).
4. The locks and latches are approved on the basis of:
 - i) Initial type testing to EN 1634-1 and EN 12209: 2003/EN 179: 2008 (where relevant)
 - ii) An appraisal against TS23 or TS31 (where relevant)
 - iii) Certification of quality management system.
 - iv) Inspection and surveillance of factory production control
 - v) On-going audit testing in accordance with TS23 or TS31 (where relevant) requirements
5. 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:
 - 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.

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6. When fitted to insulated timber or mineral composite door assemblies, The required intumescent protection shall be as follows:
- i) The required protection for 30 minute ITT applications will be 1 mm thick mono ammonium phosphate intumescent sheet material around the lock case and behind the forend and strike plate.
 - ii) The required protection for 60 minute ITT applications will be 1 mm thick mono ammonium phosphate intumescent sheet material around the lock case, and 2 mm thick mono ammonium phosphate intumescent sheet material behind the forend and strike plate. 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).

Failure to install the protection will invalidate this certificate

7. A plastic back box may be incorporated behind the strikeplates for both 30 minute and 60 minute applications. The intumescent protection detail in section 6 shall be maintained.
8. Lock assemblies not incorporating a latching mechanism and those fitted with a roller latch shall only be fitted to proven unlatched doorset assemblies.
9. 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.
10. The locks/latches should not be fitted higher than 1100 mm from the finished floor level of the surrounding floors.
11. The doorset shall be installed in accordance with BS 8214.

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

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

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13. 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.

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14. Approved lock/latch models and classifications.

Lock/Latch Reference	Description	Classification to EN 12209: 2003										
31.01.02.07	Din Euro Sashlock - 72mm c/c Radius Backset 55mm	3	X	8	1	0	G	2	B	C	2	0
31.01.01.07	Din Euro Sashlock - 72mm c/c Backset 55mm											
31.02.02.07	Din Euro Deadlock Radius Backset 55mm	3	X	8	1	0	G	2	B	C	0	0
31.02.01.07	Din Euro Deadlock Backset 55mm											
31.04.02.07	Din Latch- Latch Radius Forend Backset 55mm	3	X	8	1	0	G	-	B	0	2	0
31.04.01.07	Din Latch Backset 55mm											
31.05.02.07	Din Night latch – 72 mm c/c Backset 55mm Radius	3	X	8	1	0	G	1	B	B	2	0
31.05.01.07	Din Night latch – 72 mm c/c Backset 55mm											
31.03.02.07	Din Bathroom - 78mm c/c Backset 55mm Radius	3	X	8	1	0	G	-	B	G	2	0
31.03.01.07	Din Bathroom 78mm c/c Backset 55mm											

The locks/latches are approved in various finishes: SS, PS and PVD.



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Further Information

Further information regarding the details contained in this certificate may be obtained from SCOTDOR (Tel: 01355 229 966).

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

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J/049

A handwritten signature in black ink, appearing to read "Paul Hogg".

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