
CERTIFICATE OF APPROVAL

No CF 5418

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

C.ED. SCHULTE GMBH

Friedrichstrasse 243, 42551 Velbert, Germany
Tel: 00492 0512 040

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

Range of Locks/Latches

TECHNICAL SCHEDULE

TS23 The Contribution of
Locks and Latches to The
Performance of Fire Resisting
Doorsets And TS 31 The
Contribution Of Emergency
Exit Devices, Operated By A
Lever Handle, To The
Performance Of Fire Resisting
Door Assemblies

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



Sir Ken Knight
Chairman
Impartiality Committee



Paul Duggan
Certification Manager



Issued: 9th May 2016
Revised: 30th November 2016
Valid to: 8th May 2021

Page 1 of 9



CERTIFICATE No CF 5418 C.ED. SCHULTE GMBH

RANGE OF LOCKS AND LATCHES

The locks and latches covered by this certificate are all steel cased. This approval relates to the following specific locks:

Commercial	
9.000	Din Euro Sashlock – 72 mm c/c, 9 mm follower.
9.000SP	Din Euro Sashlock, with anti-thrust latch – 72 mm c/c, 9 mm follower.
9.000F	Din Nightlatch - 72 mm c/c, 9 mm follower.
9.000F-SP	Din Nightlatch with anti-thrust latch - 72 mm c/c, 9 mm follower.
9.000R	Din Deadlock.
9.000WC	Din Bathroom Lock - 78 mm c/c, 9 mm follower.
9.000E	Escape Lock - 72 mm c/c, 9 mm follower.
9.000E-SP	Escape Lock with anti-thrust latch - 72 mm c/c, 9 mm follower.
9100	Din Euro Sashlock – 72 mm c/c, 8 mm follower.
9100SP	Din Euro Sashlock, with anti-thrust latch – 72 mm c/c, 8 mm follower.
9100F	Din Nightlatch - 72 mm c/c, 8 mm follower.
9100F-SP	Din Nightlatch with anti-thrust latch - 72 mm c/c, 8 mm follower.
9100R	Din Deadlock.
9100WC	Din Bathroom Lock - 78 mm c/c, 8 mm follower.
9100E	Escape Lock - 72 mm c/c, 8 mm follower.
9100E-SP	Escape Lock with anti-thrust latch - 72 mm c/c, 8 mm follower.
Contract	
334FH	Din Euro Sashlock – 72 mm c/c, 8 mm follower.
390FH	Din Euro Sashlock – 78 mm c/c, 8 mm follower.
334-01FH	Din Nightlatch - 72 mm c/c, 8 mm follower.
300-01FH	Din Latch - 8 mm follower.
330-02FH	Din Deadlock.
390-02FH	Din Deadlock.

The approval includes the following variants:

- 20 mm and 24 mm width Forend options, square or radiused
- 55 mm, 60 mm, 65 mm, 70mm and 80 mm Backset options.
- Damp latch, triple latch
- Dead bolt, solid dead bolt

CERTIFICATE No CF 5418

C.ED. SCHULTE GMBH

RANGE OF LOCKS AND LATCHES

1. 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.
2. This approval relates to the use of the above locks/latches in contributing to the fire resistance performance of metallic based doorsets, as defined in BS EN 1634-1 or BS 476: Part 22: 1987.
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, 60, 90 and 120 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).
4. The locks are approved on the basis of:
 - i) Initial type testing to EN 1634-1 and EN 12209 / EN179
 - ii) An appraisal against TS23
 - iii) Inspection of quality management system
 - iv) Inspection and surveillance of factory production control
 - v) On-going audit testing in accordance with TS23

CERTIFICATE No CF 5418

C.ED. SCHULTE GMBH

RANGE OF LOCKS AND LATCHES

5. This approval is applicable only to the specified locks/latches used with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987) and, when fitted to timber based doorsets, using appropriate intumescent protection. For 30 minute door assemblies no intumescent protection is required, the required protection for 60 minute door assemblies will be 1 mm thick Interdens intumescent sheet material behind the forend and strike plates and around the lock case. Failure to install the protection will invalidate this certificate.
6. This approval is applicable only to the specified locks/latches used with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987) and, when fitted to 90 minute and 120 minute timber based doorsets and mineral composite based doorsets (ITT), using appropriate intumescent protection. The required intumescent protection shall be as tested by the chosen door manufacturer. In all cases this shall be a minimum of a 2 mm thick 'Interdens' intumescent sheet material incorporated around the lock case and a bedding of the same type and thickness of Interdens material behind the forend and strike plate/keep, however, this protection shall be increased as required based on the chosen doorset manufacturers test data.
7. Lock assemblies not incorporating a latching mechanism shall only be fitted to proven unlatched door assemblies.
8. The locks/latches should not be fitted higher than 1100 mm from the finished floor level of the surrounding floors.
9. 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.
10. Only the 9.000E / 9100E and 9.000E-SP / 9100E-SP lock models are approved for use as an emergency exit device by TS 31 "The Contribution Of Emergency Exit Devices, Operated By A Lever Handle, To The Performance Of Fire Resisting Door Assemblies" and only when fitted to single leaf doorsets with the approved accessories detailed within the classifications section of this certificate.
11. The timber doorset shall be installed in accordance with BS 8214: 2008.

CERTIFICATE No CF 5418 C.ED. SCHULTE GMBH

RANGE OF LOCKS AND LATCHES

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

Class	Approved Door Type					
	IMM	MM	TT	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	✓	✓	✗	✗	✗	✗

See CERTIFIRE Technical Schedules for designation of doorset types i.e. ITT etc.

Key:

- ✓ - approved
- ✗ - Not approved

CERTIFICATE No CF 5418

C.ED. SCHULTE GMBH

RANGE OF LOCKS AND LATCHES

Limitations of Approval

30 and 60 minute ITT doorsets

Installation of the locksets within 30 and 60 minute timber based and mineral composite based doorsets shall be subject to the following requirements:

- Door frame density - 460 kg/m³ (30 minutes), 640 kg/m³ (60 minutes)
- Leaf to frame clearance gaps not to exceed 2.5 mm average and 3 mm maximum
- Door leaves shall have a minimum thickness of 44 mm for 30 minute applications and 54 mm for 60 minute applications
- Lipping density – 650 kg/m³

Steel-based door assemblies

- Door leaves shall have a minimum thickness of 44 mm for up to 240 minute applications.

90 minute and 120 minute ITT doorsets

CES range of locks and latches shall only be fitted in 90 and 120 minute doorsets which have previously been tested with locks/latches of a similar size and specification, subject to the following requirements:

- The required intumescent protection shall be as tested by the chosen door manufacturer. in all cases this shall be a minimum of a 2 mm thick 'Interdens' intumescent sheet material incorporated around the lock case and a bedding of the same type and thickness of Interdens material behind the forend and strike plate/keep, however, this protection shall be increased as required based on the chosen doorset manufacturers test data.
- Where chosen doorsets are approved in latched configurations only, the chosen doorset shall have been tested with a maximum latch bolt throw of 13.5 mm.
- Where cylinders are required the chosen doorset shall have been successfully tested with single or double cylinders as required.
- The chosen doorset shall have been successfully tested with a lock/latch of the following minimum size:

CERTIFICATE No CF 5418
C.ED. SCHULTE GMBH

Range of Locks/Latches

Limitations of Approval – Cont'd

Component/dimension	minimum Size (mm)
<i>Basic lockcase</i>	
Forend width	22
Forend Height	225
Forend thickness	2
Case height	155
Case width	85
Case thickness	13
<i>Sashlock/bathroom strike plate</i>	
Strike plate width	22 (exc. Lip)
Strike plate height	160
Strike plate thickness	1.5
Strike plate lip height	50
<i>NightLatch strike plate</i>	
Strike plate width	22 (exc. Lip)
Strike plate height	75
Strike plate thickness	1.5
Strike plate lip height	50
<i>Deadlock keep</i>	
Strike plate width	22
Strike plate height	75
Strike plate thickness	1.5

CERTIFICATE No CF 5418
C.ED. SCHULTE GMBH

Range of Locks/Latches

Approved lock/latch models and classifications.

EN12209

9.000, 9.000SP, 9.000E, 9.000E-SP, 9100, 9100SP, 9100E, 9100E-SP, 334FH.

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

9.000F, 9.000F-SP, 9100F, 9100F-SP, 334-01FH, 300-01FH.

3	X	8	1	0	G	-	B	A	3	0
---	---	---	---	---	---	---	---	---	---	---

9.000R, 9100R, 330-02FH.

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

9.000WC, 9100WC, 390FH

3	X	8	1	0	G	0	B	A	3	0
---	---	---	---	---	---	---	---	---	---	---

390-02FH

3	X	8	1	0	G	0	B	A	0	0
---	---	---	---	---	---	---	---	---	---	---

CERTIFICATE No CF 5418
C.ED. SCHULTE GMBH

Range of Locks/Latches

Approved lock/latch models and classifications (continued).

EN179

9.000E, 9.000E-SP, 9100E and 9100E-SP

3	7	7	B	1	3	5	2	A	B
---	---	---	---	---	---	---	---	---	---

The locks are certified for use on single leaf doorsets only with the following accessories:

Handles

No.	Manufacturer	Code
1	Hoppe	DO 20.5.02 DO 20.7.02 DO 20.20.02
2	HAFI	DO 20.32.01
3	FSB	DO 20.3.02

Further Information

Further information regarding the details contained in this certificate may be obtained from C. ED. SCHULTE GMBH (Tel: 00492 0512 040).

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