



CERTIFICATE OF APPROVAL

No CF 611

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

CARLISLE BRASS LIMITED

Parkhouse Road, Carlisle, Cumbria, CA3 0JU
Tel: 01228 511770

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
Eurospec 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 Warringtonfire Testing and Certification Limited

Paul Duggan
Certification Manager



Issued: 6th May 2009
Reissued: 1st October 2019
Valid to: 30th November 2024

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Eurospec Locks and Latches

1. This approval applies only to the Eurospec locks and latches detailed later in this certificate.
2. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
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).

DLS and DLE ranges only - Latched and unlatched, insulated and uninsulated door assemblies consisting of metal faced and edged leaves in metal frames having a fire resistance up to 240 minutes (Code IMM/MM).

4. The locks and latches are approved on the basis of:
 - i) Initial type testing to EN 1634-1 and EN 12209: 2003
 - ii) An appraisal against TS23 or TS31 (where relevant)
 - ii) Certification of quality management system.
 - iii) Inspection and surveillance of factory production control
 - v) On-going audit testing in accordance with TS23 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 will 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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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.
6. When fitted to insulated timber or mineral composite door assemblies, The required protection will be as follows:
- i) The required protection for 30 minute ITT applications will be:
 - All mortice locks/latches – FS318 0.8 mm graphite-based intumescent sheet material around the lock case and behind the forend and strike plate.
 - Rim mounted locks/latches - FS318 0.8 mm graphite-based intumescent sheet material behind the lock case the forend
 - ii) The required protection for 60 minute ITT applications will be:
 - All mortice locks/latches except tubular locks/latches – FS318 0.8 mm graphite-based intumescent sheet material around the lock case and behind the forend and strike plate.
 - Rim mounted locks/latches - FS318 0.8 mm graphite-based intumescent sheet material behind the lock case the forend
 - All tubular locks/latches – FS318 2 mm graphite-based intumescent sheet material around the lock case and behind the forend and strike plate.
 - iii) Additionally, for 60 minute ITT applications only, the perimeter intumescent within the frame/door edge shall by-pass the strike plate or forend by a minimum of:
 - 9 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. The mortice locks may incorporate Europrofile cylinders manufactured of brass or steel as follows:
- i) Single cylinder
 - ii) Double cylinder
 - iii) Cylinder and thumbturn

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9. Recessing for locks and strikeplates shall result in a tight fit, allowing for any intumescent protection where required.
7. Lock assemblies not incorporating a latching mechanism, or incorporating a rollerbolt latching mechanism, shall only be fitted to proven unlatched doorset assemblies.
8. Rim locks and latches shall only be fitted to proven unlatched doorset assemblies
9. The locks/latches should not be fitted higher than 1100 mm from the finished floor level of the surrounding floors.
10. Timber doorsets shall be installed in accordance with BS 8214.
11. 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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12. The following table shows acceptable doorset types and fire resistance periods:

Class	Approved Door Type				
	IMM	MM	ITT	ITM	ITC
FD20	✓*	✓*	✓	✗	✗
FD30	✓*	✓*	✓	✗	✗
FD60	✓*	✓*	✓	✗	✗
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
- ✓* - Only DLS and DLE lock ranges are approved for use with IMM/MM doorsets

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10. 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.

Scope of Approval :

- The locks may not be fitted to timber doorsets without perimeter intumescent fire seals within the frame rebate or edge of the door leaf.
- Strikeplates/keeps
 - The standard range of upright 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:

At a maximum width of 40 mm (e.g. LSE5225):

width	40 mm
height	120 mm
thickness	1 mm
Latchbolt- lip height	100 mm

At a maximum height of 180 mm (e.g. ESS5030):

width	30 mm (exc. Lip)
height	180 mm
thickness	1 mm
Latchbolt- lip height	N/A

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Scope of Approval - Cont'd:

- The Tubular 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	25 mm (exc. Lip)
height	65 mm
thickness	1 mm
Latchbolt- lip height	40 mm

- The following lock keeps/strikeplates only may incorporate plastic dust boxes with ITT 30 and ITT 60 doorsets only:
 - LSE5325
 - LSE5330
 - LDE5325
 - LDE5330
- The following locks types shall only be fitted to proven unlatched door assemblies:
 - Locks not incorporating a latching mechanism
 - Locks/latches incorporating a rollerbolt latching mechanism
 - Rim locks and latches

Further Information

Further information regarding the details contained in this certificate may be obtained from Carlisle Brass Limited (Tel: 01228 511770).

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

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Eurospec Locks and Latches

ANNEX A – Approved Range and CE Classifications

Ref.	Description	CE	Classification to EN 12209: 2003											
LSB5525	BS 5 lever sashlock	AG0129	2	H	8	1	0	F	7	K	D	2	B	
LSB5530	BS 5 lever sashlock													
LDB5525	BS 5 lever deadlock	AG0130	2	H	8	1	0	F	7	K	D	0	B	
LDB5530	BS 5 lever deadlock													
ESB5025	BS euro profile sashlock	AG0131	2	H	8	1	0	F	7	B	A	2	0	
ESB5030	BS euro profile sashlock													
EDB5025	BS euro profile deadlock	AG0132	2	H	8	1	0	F	7	B	A	0	0	
EDB5030	BS euro profile deadlock													
DLS7260NLA	DIN Nightlatch	AG5076	3	M	8	1	0	F	1	B	0	2	0	
DLS7260EP	DIN sashlock	AG0133	3	M	8	1	0	F	3	B	A	2	0	
DLS7260NL	DIN nightlatch	AG0134	3	M	8	1	0	F	-	B	0	2	0	
DLE7255NL	DIN nightlatch													
DLE0055L	DIN latch													
DLS0060L	DIN latch													
DLS0060EP	DIN deadlock	AG0135	3	M	8	1	0	F	3	B	A	0	0	
DLS7860WC	DIN bathroom lock	AG0136	3	M	8	1	0	F	-	B	G	2	0	
DLE7855WC	DIN bathroom lock													
LSS5325	3 lever sashlock	AG0137	2	H	8	1	0	F	2	K	D	2	A	
LSS5330	3 lever sashlock													
URLS5325	3 lever sashlock													
URLS5330	3 lever sashlock	AG0138	2	H	8	1	0	F	2	K	D	2	B	
LSS5525	5 lever sashlock													
LSS5530	5 lever sashlock													
URLS5525	5 lever sashlock													
URLS5530	5 lever sashlock	AG0139	3	H	8	1	0	F	2	K	D	0	A	
LDS5325	3 lever deadlock													
LDS5330	3 lever deadlock													
URLD5325	3 lever deadlock													
URLD5330	3 lever deadlock	AG0140	3	H	8	1	0	F	2	K	D	0	B	
LDS5525	5 lever deadlock													
LDS5530	5 lever deadlock													
URLD5525	5 lever deadlock													
URLD5530	5 lever deadlock													

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ANNEX A – Approved Range and CE Classifications

Ref.	Description	CE	Classification to EN 12209: 2003											
			2	H	8	1	0	F	2	B	A	2	0	
ESS5025	Euro profile sashlock	AG0141	2	H	8	1	0	F	2	B	A	2	0	
ESS5030	Euro profile sashlock		2	H	8	1	0	F	2	B	A	2	0	
EDS5025	Euro profile deadlock	AG0142	3	H	8	1	0	F	2	B	A	0	0	
EDS5030	Euro profile deadlock		3	H	8	1	0	F	2	B	A	0	0	
ULS5025	Upright latch	AG0143	2	H	8	1	0	F	-	B	0	2	0	
ULS5030	Upright latch													
FLL5025	One way box latch													
FLL5030	One way box latch													
BAS5025	Bathroom lock	AG0144	2	H	8	1	0	F	-	B	G	2	0	
BAS5030	Bathroom lock													
URBS5025	Bathroom lock													
URBS5030	Bathroom lock													
FLD8025	Bathroom deadlock	AG0145	3	H	8	1	0	F	-	B	G	0	0	
FLD8030	Bathroom deadlock													
FLD8040	Bathroom deadlock													
TLD5025	Bathroom deadlock													
TLD5030	Bathroom deadlock													
TLD5040	Bathroom deadlock													
TLD5825	Bathroom deadlock													
TLD5830	Bathroom deadlock													
TLD5840	Bathroom deadlock													
DLE7255EP	Din sashlock													AG0146
DLE0055EP	Din deadlock	AG0147	3	M	8	1	0	F	3	B	C	0	0	
LSE5225	2 lever sashlock	AG0148	2	H	8	1	0	F	1	K	D	2	0	
LSE5230	2 lever sashlock													
LSE5325	3 lever sashlock	AG0149	2	H	8	1	0	F	1	K	D	2	A	
LSE5330	3 lever sashlock													
LDE5325	3 lever deadlock	AG0150	2	H	8	1	0	F	1	K	D	0	A	
LDE5330	3 lever deadlock													
BAE5025	Bathroom lock	AG0151	2	H	8	1	0	F	-	B	G	2	0	
BAE5030	Bathroom lock													

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ANNEX A – Approved Range and CE Classifications

Ref.	Description	CE	Classification to EN 12209: 2003										
ULE5025	Upright latch	AG0152	2	H	8	1	0	F	-	B	0	2	0
ULE5030	Upright latch												
RSE8053	Rim sashlock	AG0153	1	A	8	1	0	F	NPD	M	D	NPD	0
RSE8064	Rim sashlock												
RLE8043	Rim latch	AG0154	NPD	C	8	1	0	F	-	E	0	NPD	0
RDE8043	Rim deadlock	AG0155	1	C	8	1	0	F	NPD	M	D	0	0
TLS5025	One way tubular latch	AG0156	NPD	A	7	1	0	NPD	-	B	0	NPD	0
TLS5030	One way tubular latch												
TLS5040	One way tubular latch												
TLS5050	One way tubular latch												
URES5025	Euro profile sashlock	AG0157	2	H	8	1	0	F	1	B	A	2	0
URES5030	Euro profile sashlock												
URED5025	Euro profile deadlock	AG0158	3	H	8	1	0	F	1	B	A	0	0
URED5030	Euro profile deadlock												
RSL5030	Rollerbolt deadbolt	AG0159	3	C	8	1	0	F	2	B	A	0	0

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