



CERTIFICATE OF APPROVAL

No CF 5574

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

EURO ART (UK) LTD

69 Staverton Road, London, NW2 5HA
Tel: +44 208 4592326

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 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 Warringtonfire Testing and Certification Limited

Paul Duggan
Certification Manager



Issued: 11th September 2017
Revised: 26th June 2020
Valid to: 10th September 2022



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Euro Art Mortice Locks and Latches

1. The approval applies to the following products and configurations:

Reference	Description
DLA7255EP	DIN Euro Profile Sashlock, 55mm backset
DLA0055EP	DIN Euro Profile Deadlock, 55mm backset
DLA0055L	DIN Latch, 55mm backset
DLA7260EP	DIN Euro Profile Sashlock, 60mm backset
DLA0060EP	DIN Euro Profile Deadlock, 60mm backset
DLA0060L	DIN Latch, 60mm backset

The range is supplied with a 24 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 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).

3. 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..
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:
- Initial type testing to EN 1634-1 and EN 12209
 - An appraisal against TS23
 - Certification of quality management system to ISO 9001.
 - Inspection and surveillance of factory production control
 - 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 ITT60):
- Door frame density - 640 kg/m^3 (60 minutes)
 - Door leaves shall have a minimum thickness of 54 mm for 60 minute applications.
 - Lipping density - 640 kg/m^3 .
- Steel-based assemblies (Code MM/IMM)
- Door leaves shall have a minimum thickness of 44 mm for up to 240 minute applications.
 - No additional intumescent protection is required.
7. When fitted to insulated ITT60 timber or mineral composite door assemblies, The required protection will be as follows:
- The required protection for 60 minute ITT applications will be 2 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 5.5 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. Timber/mineral-based assemblies (Code ITT 90 and ITT120)

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

- i. 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 mono ammonium phosphate or graphite-based intumescent sheet material incorporated around the lock case, and a bedding of the same type and thickness of intumescent material behind the forend and strike plate/keep, however, this protection shall be increased as required based on the chosen doorset manufacturers test data.
- ii. Where chosen doorsets are approved in latched configurations only, the chosen doorset shall have been tested with a minimum latchbolt of 12 mm and a maximum latch bolt throw of 13 mm.
- iii. Where cylinders are required the chosen doorset shall have been successfully tested with single or double cylinders as required.
- iv. The chosen doorset shall have been successfully tested with a lock/latch of the following minimum size:

Component/dimension	Size (mm)
<i>Basic lockcase:</i>	
• Forend width	22
• Forend Height	225
• Forend thickness	2.5
• Case height	155
• Case width	75
• Case thickness	15
<i>Sashlock/bathroom strike plate:</i>	
• Strike plate width	22 (exc. Lip)
• Strike plate height	170
• Strike plate thickness	1.3
• Strike plate lip height	50
<i>Latch strike plate:</i>	
• Strike plate width	22 (exc. Lip)
• Strike plate height	78
• Strike plate thickness	1.3
• Strike plate lip height	50

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<i>Deadlock keep:</i>	
• Strike plate width	22
• Strike plate height	78
• Strike plate thickness	1.3

9. 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.
10. Lock assemblies not incorporating a latching mechanism shall only be fitted to proven unlatched door assemblies.
11. The locks/latches should not be fitted higher than 1100 mm from the spindle to the finished floor level of the surrounding floors.
12. Timber doorsets shall be installed in accordance with BS 8214.
13. 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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14. The following table shows the 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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15. 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.

16. Approved lock/latch models and classifications.

Lock/Latch Reference	Description	Classification to EN 12209: 2003										
DLA7255EP	DIN Euro Profile Sashlock	3	X	8	1	0	G	3	B	C	2	0
DLA0055EP	DIN Euro Profile Deadlock	3	X	8	1	0	G	3	B	C	0	0
DLA0055L	DIN Latch	3	X	8	1	0	G	0	B	C	2	0
DLA7260EP	DIN Euro Profile Sashlock	3	X	8	1	0	G	3	B	C	2	0
DLA0060EP	DIN Euro Profile Deadlock	3	X	8	1	0	G	3	B	C	0	0
DLA0060L	DIN Latch	3	X	8	1	0	G	0	B	C	2	0

Approved Accessories

- Strikeplates/keeps - The Euro Art range of locks/latches are approved with a range of strikeplates/keeps all of which are steel. The maximum sizes permitted for use on all doorsets is as follows:

width	24 mm (exc. Lip)
height	212 mm
thickness	1.5 mm
Latchbolt- lip height	58 mm



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Further Information

Further information regarding the details contained in this certificate may be obtained from Euro Art (UK) Ltd (Tel: +44 208 4592326).

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

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