



CERTIFICATE OF APPROVAL

No CF 5373

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

UNISON HARDWARE INC.

6 Wayne Court, Sacramento, CA 95829 USA
Tel: +1 916 388 1888 Fax: +1 916 388 8322

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

**UNISON INOX MD/MB Series
EURO Mortice Lock Range**

TECHNICAL SCHEDULE

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

Signed and sealed for and on behalf of CERTIFIRE



Sir Ken Knight
Chairman
WCL Impartiality Committee



Paul Duggan
Certification Manager
Warrington Certification Ltd



Issued: 8th September 2015
Valid to: 20th May 2020

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CERTIFICATE No CF 5373 UNISON HARDWARE INC.

UNISON HARDWARE INC. INOX MD/MB SERIES LOCKS

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

- MD7210/MD8510 Mortice Sashlock
- MD7220/MD8520 Mortice Latch
- MD7230/MD8530 Mortice Deadlock
- MD7250/MD8550 Mortice Nightlatch
- MB7210/MB8510 Mortice Sashlock
- MB7220/MB8520 Mortice Latch
- MB7230/MB8530 Mortice Deadlock
- MB7250/MB8550 Mortice Nightlatch

All models approved in 72mm and 85mm centres and 40, 45, 50, 55, 60mm backset with square or radius forend/strike options. Approval covers PC, SC, SN, AB, PB, SB, SSS, PSS and PVD finishes.

2. 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.
3. 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.
4. This approval relates to their use with the following door assemblies:-

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).

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 or TS31 (where relevant)
 - iii) Inspection of quality management system
 - iv) Inspection and surveillance of factory production control
 - v) On-going audit testing in accordance with TS23 requirements
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).



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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.

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.

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UNISON HARDWARE INC. INOX MD/MB SERIES LOCKS

Approved lock/latch models and classifications

| Reference and Description | Classification to EN12209:2003 | | | | | | | | | | |
|----------------------------------|--------------------------------|---|---|---|---|---|---|---|---|---|---|
| MD7210/MD8510 Mortice Sashlock | 3 | X | 8 | 1 | 0 | G | 3 | B | C | 2 | 0 |
| MD7220/MD8520 Mortice Latch | 3 | X | 8 | 1 | 0 | G | - | B | 0 | 2 | 0 |
| MD7230/MD8530 Mortice Deadlock | 3 | X | 8 | 1 | 0 | G | 3 | B | C | 0 | 0 |
| MD7250/MD8550 Mortice Nightlatch | 3 | X | 8 | 1 | 0 | G | - | B | 0 | 2 | 0 |
| MB7210/MB8510 Mortice Sashlock | 3 | S | 7 | 1 | 0 | G | 3 | B | C | 2 | 0 |
| MB7220/MB8520 Mortice Latch | 3 | S | 7 | 1 | 0 | G | - | B | 0 | 2 | 0 |
| MB7230/MB8530 Mortice Deadlock | 3 | S | 7 | 1 | 0 | G | 3 | B | C | 0 | 0 |
| MB7250/MB8550 Mortice Nightlatch | 3 | S | 7 | 1 | 0 | G | - | B | 0 | 2 | 0 |

Further Information

Further information regarding the details contained in this certificate may be obtained from Unison Hardware Inc. (Tel: + 1 916 388 1888).

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