
CERTIFICATE OF APPROVAL

No CF 5657

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

UNION ARCHITECTURAL HARDWARE

School Street, Willenhall, West Midlands WV13 3PW
Tel: 01902 366911 Fax: 01902 364141

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
UNION Emergency Exit Devices

TECHNICAL SCHEDULE
TS31 The Contribution of
Emergency Exit Devices to
the Fire Resistance of Door
Assemblies

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



Paul Duggan
Certification Manager



Issued: 19th November 2004
Issued: 13th September 2018
Valid to: 10th December 2020

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1. 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.
2. This approval relates to the following items in the UNION Emergency Exit Device Series:
 - **UNION CE854EL Push Pad Panic Latch**
 - **UNION CE858EB Push Pad Single Panic Bolt**
3. This approval relates to the use of the family of exit devices with the following door assemblies:

Latched and unlatched, door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber or metal frames having a fire resistance up to 120 minutes* (Codes ITT & ITM).

Previously proven unlatched, door assemblies consisting of non-metallic faced and edged leaves proprietary composite frames, of which the principal material is other than timber or metal, but may include other materials having a fire resistance up to 120 minutes* (Codes ITC).

Latched and unlatched door assemblies (intumescent sealed or non-intumescent sealed) consisting of metallic faced and edged leaves with cellulosic or mineral cores in steel frames, having a fire resistance of up to 240 minutes (IMM and MM).
4. The exit devices are approved on the basis of:
 - i) Initial type testing to EN 179 for mechanical properties
 - ii) Initial type testing to EN 1634-1 for the fire resistance performance of doorsets
 - iii) An appraisal against TS31
 - iv) Certification of quality management system to ISO 9001: 2008.
 - v) Inspection and surveillance of factory production control
 - vi) On-going audit testing in accordance with EN 179:2008
5. This approval is applicable only to the specified exit devices and relevant accessories when used with door assemblies of proven fire resistance (as defined by EN 1634-1 or BS 476: Part 22: 1987). Failure to install the device and accessories in the appropriate manner will invalidate this certificate of approval.

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6. 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.
7. The following table shows acceptable doorset types and fire resistance periods:

Class	Approved Door Type				
	IMM	MM	ITT	ITM	ITC
FD20	✓	✓	✓	✓	✓
FD30	✓	✓	✓	✓	✓
FD60	✓	✓	✓	✓	✓
FD90	✓	✓	✓	✓	✓
FD120	✓	✓	✓	✓	✓
FD240	✓	✓	x	x	x
E 20	✓	✓	✓	✓	✓
EI 20	✓	✓	✓	✓	✓
E 30	✓	✓	✓	✓	✓
EI 30	✓	✓	✓	✓	✓
E 60	✓	✓	✓	✓	✓
EI 60	✓	✓	✓	✓	✓
E 90	✓	✓	✓	✓	✓
EI 90	✓	✓	✓	✓	✓
E 120	✓	✓	✓	✓	✓
EI 120	✓	✓	✓	✓	✓
E 240	✓	✓	x	x	x
EI 240	✓	✓	x	x	x

Key:

- ✓ - approved
 ✗ - Not approved

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8. 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 following associated external access devices may be installed onto 30 or 60 minute ITT timber doorsets, and IMM and MM uninsulated and insulated steel-based doorsets leaves for up to 240 minute performances:

UNION ref	Product Description
CE855OADK	Knob outside access device w/o cylinder
CE855OADKC	Knob outside access device c/w cylinder
CE855OADL	Lever outside access device w/o cylinder
CE855OADLC	Lever outside access device c/w cylinder

The door leaves for ITT timber-based doorsets for 30 or 60 minute performances shall have a minimum leaf thickness of 44 mm and 54 mm, for 30 and 60 minute doorsets respectively.

The door leaves for IMM and MM steel based doorsets for up to 240 minute performances shall have a minimum leaf thickness 45 mm.

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Classification codes

The approval provides the following classifications:

3	7	6	B	1	3	4	2	B	A
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Further Information

Further information regarding the details contained in this data sheet may be obtained from UNION ARCHITECTURAL HARDWARE (Tel: 01902 364625).

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