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## CERTIFICATE OF APPROVAL

### No CF 228

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

## SURELOCK MCGILL LIMITED

25/26 The Business Centre, Molly Millars Lane,  
Wokingham, Berkshire. RG41 2QY  
Tel: 0118 977 2525 Fax: 0118 977 1913

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**  
**SLIMLINE AND STIRLING**  
**PANIC & EMERGENCY EXIT**  
**DEVICES**

**TECHNICAL SCHEDULE**  
**TS 26 - The Contribution of**  
**Panic Exit Devices, Operated**  
**by a Horizontal Bar, to the**  
**Performance of Fire Resisting**  
**Door Assemblies**

**TS 31 - The Contribution of**  
**Emergency Exit Devices,**  
**Operated by a Lever Handle or**  
**Push Pad, to the Performance**  
**of Fire Resisting Door**  
**Assemblies**

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan  
Certification Manager



Issued: 10<sup>th</sup> April 2000  
Reissued: 9<sup>th</sup> December 2021  
Valid to: 8<sup>th</sup> December 2026





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### SURELOCK MCGILL LIMITED

#### SLIMLINE AND STIRLING PANIC & EMERGENCY EXIT DEVICES

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 Surelock McGill panic and emergency exit devices and components:

| SLIMLINE |              |                     |                        |
|----------|--------------|---------------------|------------------------|
| Code     | No. of bolts | OAD (Outside Entry) | Operator (Inside Exit) |
| SL204    | 2            | no provision        | panic plate            |
| SL304    | 3            | no provision        | panic plate            |
| SL214    | 2            | key/lever           | panic plate            |
| SL314    | 3            | key/lever           | panic plate            |
| SL224    | 2            | Access Control      | panic plate            |
| SL324    | 3            | Access Control      | panic plate            |
| SL205    | 2            | no provision        | emergency lever        |
| SL305    | 3            | no provision        | emergency lever        |
| SL405    | 4            | no provision        | emergency lever        |
| SL215    | 2            | key/lever           | emergency lever        |
| SL315    | 3            | key/lever           | emergency lever        |
| SL415    | 4            | key/lever           | emergency lever        |
| SL225    | 2            | Access Control      | emergency lever        |
| SL325    | 3            | Access Control      | emergency lever        |
| SL425    | 4            | Access Control      | emergency lever        |
| SL206    | 2            | no provision        | push pad               |
| SL306    | 3            | no provision        | push pad               |
| SL406    | 4            | no provision        | push pad               |
| SL216    | 2            | key/lever           | push pad               |
| SL316    | 3            | key/lever           | push pad               |
| SL416    | 4            | key/lever           | push pad               |
| SL226    | 2            | Access Control      | push pad               |
| SL326    | 3            | Access Control      | push pad               |
| SL426    | 4            | Access Control      | push pad               |
| SL324-M7 | 3 Motorised  | Access Control      | panic plate            |
| SL325-M7 | 3 Motorised  | Access Control      | emergency lever        |
| SL326-M7 | 3 Motorised  | Access Control      | push pad               |



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### SLIMLINE AND STIRLING PANIC & EMERGENCY EXIT DEVICES

| STIRLING |              |                |                 |
|----------|--------------|----------------|-----------------|
| Code     | No. of bolts | OAD            | Operator        |
| ST125    | 1            | Access Control | emergency lever |
| ST104    | 1            | no provision   | panic plate     |
| ST114    | 1            | key            | panic plate     |
| ST124    | 1            | Access Control | panic plate     |
| ST105    | 1            | no provision   | emergency lever |
| ST115    | 1            | key            | emergency lever |
| ST125    | 1            | Access Control | emergency lever |
| ST106    | 1            | no provision   | push pad        |
| ST116    | 1            | key            | push pad        |
| ST126    | 1            | Access Control | push pad        |
| ST125-M7 | 1 Motorised  | Access Control | emergency lever |
| ST124-M7 | 1 Motorised  | Access Control | panic plate     |
| ST126-M7 | 1 Motorised  | Access Control | push pad        |

4. The exit devices are approved on the basis of:
- i) Initial type testing to EN 1125/EN179 for mechanical properties.
  - ii) Initial type testing to EN 1634-1 for the fire resistance performance of doorsets.
  - iii) An appraisal against TS26 and TS31.
  - iv) On-going audit testing in accordance with EN 1125/EN179.
  - v) Certification of quality management system.
  - vi) Inspection and surveillance of factory production control.



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#### SLIMLINE AND STIRLING PANIC & EMERGENCY EXIT DEVICES

5. This approval relates to the use of Surelock McGill surface mounted panic and emergency devices referenced above with the following door assemblies:

**Previously proven 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 120 minutes (Code ITT).**

**Previously proven unlatched intumescent sealed door assemblies 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 having a fire resistance up to 120 minutes (Code ITC).**

**Previously proven unlatched door assemblies consisting of predominantly steel leaves in steel frames, fully-insulated for the required classification period, with or without intumescent sealing, and having a fire resistance up to 240 minutes (Codes MM & IMM).**

**Previously proven unlatched door assemblies consisting of predominantly steel leaves in steel frames, uninsulated for the required classification period, with or without intumescent sealing, and having a fire resistance up to 240 minutes (Codes MM & IMM) with panic/emergency exit hardware fitted to the fire risk face only\***

**Previously proven unlatched intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in fully-insulated steel frames having a fire resistance up to 120 minutes (Code ITM)**

***\*The panic and emergency exit hardware must not be used in this application where a specific direction of fire exposure for the doorset cannot be identified***

6. Where fully insulated steel doorsets are identified above insulation is as defined by EN1634-1 or BS476-22.
7. This approval is applicable only to Surelock Slimline and Stirling surface mounted panic and emergency exit devices, as referenced, and used with door assemblies of proven fire resistance (as defined in BS 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.
8. It is a requirement of this report that the doorsets to which the panic and emergency exit hardware is fitted shall have been previously tested unlatched in the configuration required when used in conjunction with a CERTIFIRE approved door closer



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#### **SLIMLINE AND STIRLING PANIC & EMERGENCY EXIT DEVICES**

9. The purpose of the appraisal is only to consider the influence of fitting the proposed hardware items to a doorset, and not its ability to provide an essential latching action.
10. The fixing for the systems to ITT doorsets is as follows:
  - a. Standard fixing - steel core fixings (fitting option 'W')
    - i. Suitable for use with all ITT classifications
    - ii. Steel cores shall be bedded with intumescent acrylic mastic applied at the accessible end of the steel core fixing to a minimum depth of 25 mm)
11. The panic and emergency exit devices shall only be fitted to ITC doorsets which have previously been shown capable of accommodating the installation of the surface mounted hardware, without detriment to the doorset's performance.
12. 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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### SLIMLINE AND STIRLING PANIC & EMERGENCY EXIT DEVICES

14. The following table shows acceptable doorsets types and fire resistance periods:

| Class  | Approved Door Type |     |     |     |     |
|--------|--------------------|-----|-----|-----|-----|
|        | MM                 | IMM | 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
- ✓\* - Fully-insulated steel-based doors and frames only
- ✓# - Fitted to the fire risk face only of Uninsulated steel-based doors and frames only
- ✓\*# - Fitted to Fully-insulated steel-based doors and frames, or the fire risk face only of Uninsulated steel-based doors and frames



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#### SLIMLINE AND STIRLING PANIC & EMERGENCY EXIT DEVICES

15. Doors are classified as the following types:

**Code ITT** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in timber-based frames.

**Code ITM** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in steel frames.

**Code ITC** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in proprietary composite frames, of which the principal material is other than timber or metal but which may include any other materials.

**Code MM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames without intumescent seals.

**Code IMM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames with intumescent seals.

#### Scope of Approval:

- The panic hardware may not be fitted to timber doorsets without perimeter intumescent fire seals within the frame rebate or edge of the door leaf.
- The hardware is approved for use on both sides of steel-based doors and frames that are fully-insulated for the required classification period (insulation as defined by EN1634-1 or BS476-22).
- For uninsulated steel-based doors and frames the panic hardware shall be fitted to the **fire risk face only**.
  - **The panic hardware must not be used in this application where a specific direction of fire exposure for the doorset cannot be identified**
- Where steel core fixings (fitting option 'W') are used, intumescent acrylic mastic applied at the accessible end of the steel core fixing to a minimum depth of 25 mm).



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### SLIMLINE AND STIRLING PANIC & EMERGENCY EXIT DEVICES

#### Scope of Approval – Cont'd:

- Associated external access devices may only be installed onto **30 minute and 60 minute ITT timber doorsets** having minimum leaf thicknesses of 44 mm and 54 mm respectively.
  - Where an external access device incorporates a cylinder and GS series cylinder guard, the cylinder guard hole shall be lined for the full thickness of the door with a 0.5 mm thickness of graphite-based intumescent sheet material (as supplied by Surelock McGill Ltd).

#### Classification codes

The above approval provides the following classifications:

SL204, SL304, SL214, SL314, SL224 and SL324 panic exit devices in accordance with EN 1125: 2008:

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 7 | 6 | B | 1 | 4 | 2 | 1 | A | A |
|---|---|---|---|---|---|---|---|---|---|

ST104 and ST114 and ST124 panic exit devices in accordance with EN 1125: 2008:

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 7 | 6 | B | 1 | 4 | 2 | 1 | A | B |
|---|---|---|---|---|---|---|---|---|---|

SL205, SL305, SL405, SL215, SL315, SL415 (Lever handle) emergency exit devices in accordance with EN 179: 2008:

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 7 | 6 | B | 1 | 4 | 5 | 1 | A | A |
| 3 | 7 | 6 | B | 1 | 4 | 5 | 1 | A | B |
| 3 | 7 | 6 | B | 1 | 4 | 5 | 1 | A | D |



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#### SLIMLINE AND STIRLING PANIC & EMERGENCY EXIT DEVICES

##### Classification codes (continued)

SL225, SL325 and SL425 (Lever handle) emergency exit devices in accordance with EN 179: 2008:

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 7 | 6 | B | 1 | 4 | 5 | 1 | A | A |
| 3 | 7 | 6 | B | 1 | 4 | 5 | 1 | A | B |
| 3 | 7 | 6 | B | 1 | 4 | 5 | 1 | A | D |

SL206, SL306, SL406, SL216, SL316, SL416 SL226, SL326 and SL426 (Push pad) emergency exit devices in accordance with EN 179: 2008:

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 7 | 6 | B | 1 | 4 | 5 | 1 | B | A |
|---|---|---|---|---|---|---|---|---|---|

ST105, ST115 and ST125 (Lever handle) emergency exit devices in accordance with EN 179: 2008:

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 7 | 6 | B | 1 | 4 | 5 | 1 | A | B |
| 3 | 7 | 6 | B | 1 | 4 | 5 | 1 | A | D |

ST106, ST116 and ST126 (Push pad) emergency exit devices in accordance with EN 179: 2008:

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 7 | 6 | B | 1 | 4 | 5 | 1 | B | B |
|---|---|---|---|---|---|---|---|---|---|

##### Further Information

Further information regarding the details contained in this data sheet may be obtained from Surelock McGill (Tel: 0118 977 2525).

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