

The Surelock McGill Slimline can be mortice fitted inside the cavity of any hollow metal or timber door. This is a discrete mounting method to provide multi-point locking security whilst concealing the inner components and fixings of the device.

The modular design of the system functions the same as the surface mounted version offering almost all of the same entry/exit, operational and enhancement options.

## FEATURES

- Automatic deadlocking upon door closure. Manual deadlocking function available via key or thumbturn
- Proven rack & pinion driven
- 2-point to 7-point bolting positions\*
- 15mm (5/8") bolts x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Tested to over 1,000,000 cycles
- To suit rim or Euro-profile cylinders (can be supplied with or without cylinder)
- Infinite 'iRestraint' restrains bolts throughout their opening travel supplied as standard

## BENEFITS

- Choice of securing upon door closure (automatic or manual)
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service
- Provides the greatest selection of operational functionality

## OPTIONAL ENHANCEMENTS

- Remote monitoring of bolt & lock status (comes standard on any access control systems)
- Cylinder guard protection available from our tested and accredited range
- Choice of exit device operators
- Selection of suitable keeps available
- Further enhancements are available

\*Single-Point available



## PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly. Product certification is subject to the chosen lock configuration, for full details please contact the sales office.



| SECURITY |     |     |     |     |     |     |     |     |                |       |       |       |       | SAFETY | BALLISTIC | BLAST | FIRE   | CORROSION             | CYCLES                |                 |                  |           |        |          |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|----------------|-------|-------|-------|-------|--------|-----------|-------|--------|-----------------------|-----------------------|-----------------|------------------|-----------|--------|----------|
| LPS 1175 |     |     |     |     |     |     |     |     | LPS 1673 (AR.) |       |       |       |       |        |           |       |        |                       |                       | FEBR (min)      | EN 1627          | STS 202   | PAS 24 | LPS 2081 |
| Issue 7  | SR1 | SR2 | SR3 | SR4 | SR5 | SR6 | SR7 | SR8 |                |       |       |       |       |        |           |       |        |                       |                       |                 |                  |           |        |          |
| Issue 8  | A   | B   | C   | D   | E   | F   | G   | H   | TIME           | A     | B     | C     | D     | 60     | RC6       | BR6   | PAS 24 | SRB                   | EN 1125               | EN 1522 FB7     | ISO 16933 EXV 15 | UL 10C    | GR5    | 1 MIL    |
| 20 MIN   |     |     |     |     |     |     |     |     | 300 SEC        | A300E | B300E | C300E | D300E |        | RC5       | BR5   |        |                       | EN 179                | UL 752 Level 10 | ASTM F2927 Cat 1 | EN 1634-1 | GR4    | 500K     |
| 15 MIN   |     |     |     |     |     |     |     |     | 240 SEC        |       |       |       |       | 15     | RC4       | BR4   | SRA    | UL 305                | NIJ 0108.01 Level 1-4 | BS 476-22       | GR2              | 200K      |        |          |
| 10 MIN   | A10 | B10 | C10 | D10 |     |     |     |     | 180 SEC        |       |       |       |       |        | RC3       | BR3   |        | Certifire             | GR3                   |                 |                  |           |        |          |
| 5 MIN    |     |     |     |     |     |     |     |     | 120 SEC        |       |       |       |       | 5      | RC2       | BR2   | UL 305 | NIJ 0108.01 Level 1-4 | BS 476-22             | GR1             | 200K             |           |        |          |
| 3 MIN    |     |     |     |     |     |     |     |     | 60 SEC         |       |       |       |       |        | RC1       | BR1   |        |                       |                       |                 |                  |           |        |          |
| 1 MIN    |     |     |     |     |     |     |     |     | 30 SEC         |       |       |       |       |        |           |       |        |                       |                       |                 |                  |           |        |          |

The diagram illustrates the correct and incorrect placement of fire extinguishers relative to the exit. It is divided into two parts: 'CORRECT' and 'INCORRECT'.

**CORRECT:** Shows a horizontal line representing the exit. Above the line, on the left, is a fire extinguisher labeled 'RI Right Hand, Inward Opening'. Above the line, on the right, is a fire extinguisher labeled 'LI Left Hand, Inward Opening'. Below the line, in the center, is a green arrow pointing upwards, labeled 'EXIT (SECURE SIDE)'. The top of the diagram is labeled 'ATTACK SIDE'.

**INCORRECT:** Shows a horizontal line representing the exit. Below the line, on the left, is a fire extinguisher labeled 'RO Right Hand, Outward Opening'. Below the line, on the right, is a fire extinguisher labeled 'LO Left Hand, Outward Opening'. Above the line, in the center, is a green arrow pointing upwards, labeled 'EXIT (SECURE SIDE)'. The top of the diagram is labeled 'ATTACK SIDE'.

| PRODUCT        |                                 |       | ENTRY           |                                   | SECURING                   |                                     | EXIT            |                                   |
|----------------|---------------------------------|-------|-----------------|-----------------------------------|----------------------------|-------------------------------------|-----------------|-----------------------------------|
| RANGE          |                                 | BOLTS | UNLOCKING       |                                   | UPON DOOR CLOSURE          |                                     | UNLOCKING       |                                   |
| SM             | Mortice Fitted                  | 2-7   | X               | None                              | AA                         | Auto bolting / Auto deadlocking     | K               | Key & Lever                       |
|                |                                 |       | K               | Key & Lever                       | AM                         | Auto bolting / Manual deadlocking   | L               | Single Handed / Panic - Emergency |
| BOLT DIRECTION |                                 |       | A               | Access Control                    | MA                         | Manual bolting / Auto deadlocking   | T               | Thumbturn                         |
| A              | Vertical bolts, Horizontal bolt |       | L               | Single Handed / Panic - Emergency | MM                         | Manual bolting / Manual deadlocking | A               | Access Control                    |
| B-E            | Other variants                  |       | BOLT RETRACTION |                                   | AB                         | Auto Bolting                        | BOLT RETRACTION |                                   |
|                |                                 |       | X               | None                              | MB                         | Manual Bolting                      | X               | None                              |
|                |                                 |       | M               | Manual                            |                            |                                     | M               | Manual                            |
|                |                                 |       | OPERATOR        |                                   |                            |                                     | OPERATOR        |                                   |
|                |                                 |       | XX              | None                              |                            |                                     | LS              | Lever handle (Tubular straight)   |
|                |                                 |       | LS              | Lever handle (Tubular straight)   |                            |                                     | LE              | Lever handle (Tubular ergonomic)  |
|                |                                 |       |                 |                                   |                            |                                     | PB              | Panic bar (Blade aluminium)       |
|                |                                 |       |                 |                                   | PE                         | Panic bar (Tubular st/st)           |                 |                                   |
|                |                                 |       |                 | PP                                | Push pad                   |                                     |                 |                                   |
|                |                                 |       |                 | PS                                | Push pad (Stainless steel) |                                     |                 |                                   |

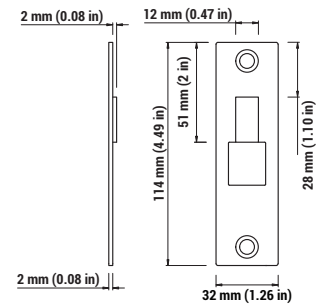
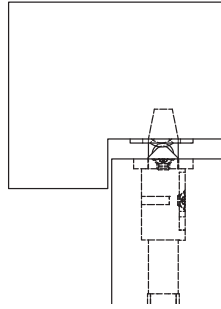
|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| Entry (XXXX)<br>Exit (LMLE)                                                         | Entry (LMLS)<br>Exit (LMLE)                                                         | Entry (LMAL)<br>Exit (LMPB)                                                         | Entry (KMLS)<br>Exit (LMPE)                                                         | Entry (KMLS)<br>Exit (LMLS)                                                           | Entry (KMLS)<br>Exit (TMLL)                                                           |

02

## SLIMLINE MORTICE TOP KEEP

### EXAMPLE CODE: KSM-BS-02

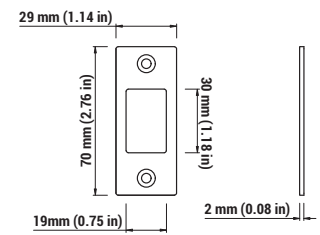
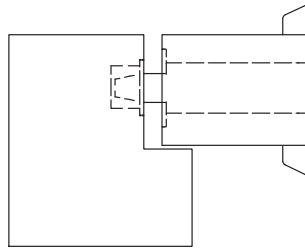
Stainless steel keep & restraint strike to suit both inward and outward opening doors in a steel or timber frame.



## SLIMLINE MORTICE CENTRE KEEP

### EXAMPLE CODE: KSM-BS-00

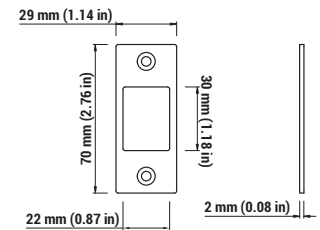
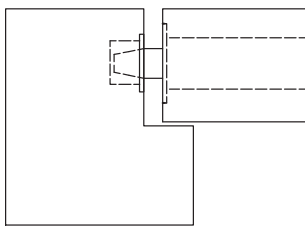
Stainless steel keep to suit doors in a steel or timber frame.



## SLIMLINE MORTICE AUXILIARY KEEP

### EXAMPLE CODE: KSM-BS-01

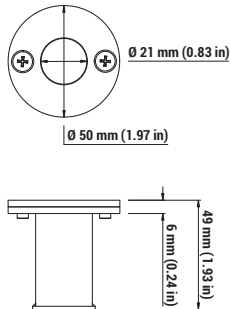
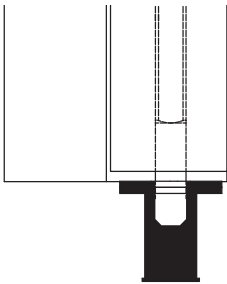
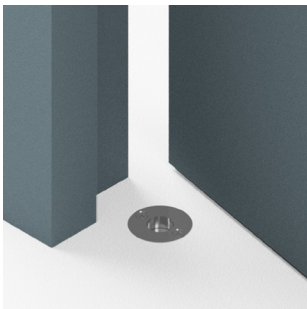
Stainless steel keep for auxiliary bolts to suit doors in a steel or timber frame.



# SLIMLINE MORTICE FLOOR KEEP

**EXAMPLE CODE: KSL-FX-05**

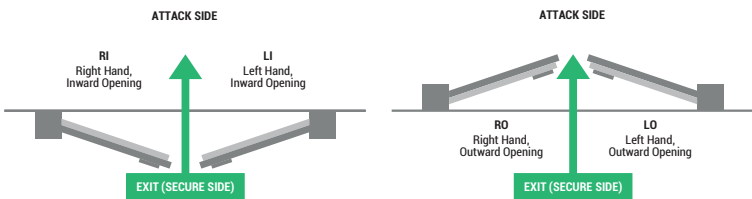
Stainless steel keep to suit inward opening doors in a steel frame.



## SELF CODING SYSTEM

Surelock keeps have a simple ordering code, covering the opening method and door material type.

**EXAMPLE ORDER CODE: KSM-FX-05**



| MODEL |                  | OPENING DIRECTION |                | FRAME MATERIALS |       | VARIANTS | PACKING (OPTION B) |                                                  |
|-------|------------------|-------------------|----------------|-----------------|-------|----------|--------------------|--------------------------------------------------|
| KSM   | Slimline Mortice | B                 | Bi-directional | S               | Steel | 00–99    | 08                 | Load plate & packing; door to bolt 8mm (0.32in)  |
|       |                  | F                 | Floor          | X               | N/A   |          | 12                 | Load plate & packing; door to bolt 12mm (0.47in) |
|       |                  |                   |                |                 |       |          | 15                 | Load plate & packing; door to bolt 15mm (0.59in) |
|       |                  |                   |                |                 |       |          | 20                 | Load plate & packing; door to bolt 20mm (0.79in) |
|       |                  |                   |                |                 |       |          | 25                 | Load plate & packing; door to bolt 25mm (0.98in) |