

A compact high performance single-point, surface mounted locking system with automatic bolting upon door closure.

Access control operation to unlock and lever handle to release, automatic bolting and deadlocking to provide final security upon door closure. Manufactured in 316 stainless steel for all, including hostile environments.



## FEATURES

- Surface mounted for maximum strength
- Automatic re-securement upon door closure
- 19mm (3/4") square bolt x 25mm (1") throw
- 316 grade stainless steel construction for hostile environments and durability
- Proven rack & pinion driven
- Anti-thrust resistance built in as standard (seven times BS 3621)
- Cycle tested to over 1,000,000 cycles
- Steel template provides for fast installation
- Monitoring of bolt & lock status
- Request to exit facility on all single handed panic & emergency exit systems

## BENEFITS

- Door automatically secured in closed position
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service
- Easy retrofit, to upgrade existing doors

## OPTIONAL ENHANCEMENTS

- Cylinder guard protection available from our tested and accredited range
- Egress via key or break-dome over turnknob with lever handle, life-safety panic bar (aluminium, or full stainless-steel), push pad, or lever handle
- External key override in case of power failure (order cylinder separately to activate)
- Further enhancements are available

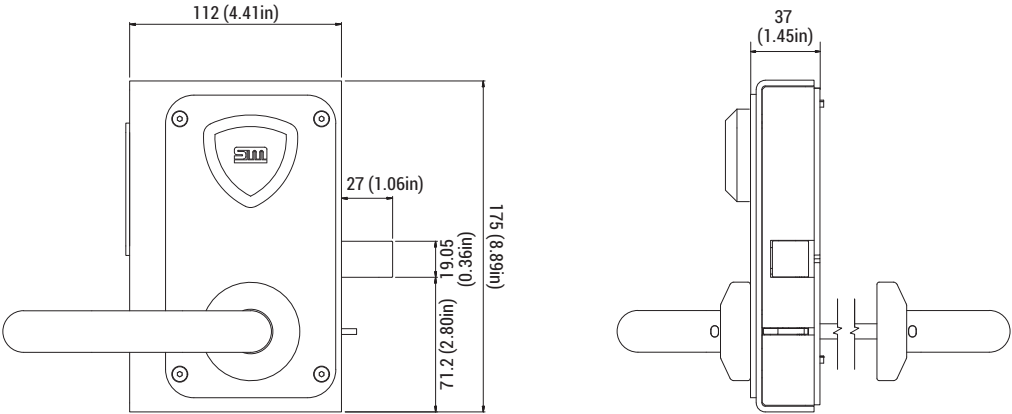
## PRODUCT PERFORMANCE CHART

☐ 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          |         |        |           |        |        |                  |                       |                     |        |          |       |
| 20 MIN   |     |     |     |     |     |     |     |                | 300 SEC |   |   |   |            | 60      | RC6    | BR6       | PAS 24 | SRB    | EN 1125          | EN1522 FB6            | ISO 16933 EXV 15/25 | UL 10C | GR5      | 1 MIL |
| 15 MIN   |     |     |     |     |     |     |     |                | 240 SEC |   |   |   |            |         | RC5    | BR5       |        |        |                  |                       |                     |        |          |       |
| 10 MIN   | A10 | B10 | C10 | D10 |     |     |     |                | 180 SEC |   |   |   |            | 15      | RC4    | BR4       | SRA    | EN 179 | UL752 Level 1-10 | ASTM F2927 Cat 1      | EN 1634-1           | GR4    | 500K     |       |
| 5 MIN    |     |     |     |     |     |     |     |                | 120 SEC |   |   |   |            |         | RC3    | BR3       |        |        |                  |                       |                     |        | GR3      |       |
| 3 MIN    |     |     |     |     |     |     |     |                | 60 SEC  |   |   |   |            | 5       | RC2    | BR2       |        |        |                  |                       |                     |        | GR2      |       |
| 1 MIN    |     |     |     |     |     |     |     |                | 30 SEC  |   |   |   |            |         | RC1    | BR1       |        |        | UL 305           | NIJ 0108.01 Level 1-4 | BS 476-22           | GR1    | 200K     |       |

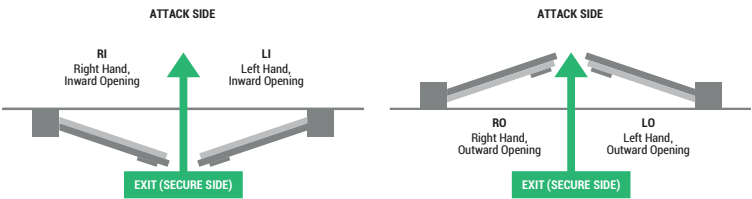
STIRLING ACCESS CONTROL AUTO-DEADLOCKING TECHNICAL DRAWING



SELF CODING SYSTEM

The Stirling (ST) has a simple ordering code that covers the chosen methods of entry and exit, followed by the mounting and orientation codes, additional enhancements can be added to further customise the device.

EXAMPLE ORDER CODE: ST1A-AMLS-AA-AMLS



| PRODUCT        |                 |       | ENTRY           |                                 | SECURING          |                                 | EXIT            |                                   |
|----------------|-----------------|-------|-----------------|---------------------------------|-------------------|---------------------------------|-----------------|-----------------------------------|
| RANGE          |                 | BOLTS | UNLOCKING       |                                 | UPON DOOR CLOSURE |                                 | UNLOCKING       |                                   |
| ST             | Stirling        | 1     | X               | None                            | AA                | Auto bolting / Auto deadlocking | X               | None                              |
| BOLT DIRECTION |                 |       | A               | Access control                  |                   |                                 | K               | Key                               |
| A              | Horizontal bolt |       | BOLT RETRACTION |                                 |                   |                                 | T               | Thumbturn                         |
|                |                 |       | X               | None                            |                   |                                 | A               | Access control                    |
|                |                 |       | M               | Manual                          |                   |                                 | L               | Single Handed / Panic - Emergency |
|                |                 |       | OPERATOR        |                                 |                   |                                 | BOLT RETRACTION |                                   |
|                |                 |       | XX              | None                            |                   |                                 | X               | None                              |
|                |                 |       | LS              | Lever handle (Tubular straight) |                   |                                 | M               | Manual                            |
|                |                 |       |                 |                                 |                   |                                 |                 |                                   |
|                |                 |       |                 |                                 |                   |                                 | LS              | Lever handle (Tubular straight)   |
|                |                 |       |                 |                                 |                   |                                 | PB              | Panic bar (Blade aluminium)       |
|                |                 |       |                 |                                 | PP                | Push pad                        |                 |                                   |
|                |                 |       |                 |                                 | PE                | Panic bar (Tubular st/st)       |                 |                                   |
|                |                 |       |                 |                                 | US                | Profile lever handle (Straight) |                 |                                   |

| EXAMPLE ENTRY/EXIT DIRECTIONS |                                                          |                                                                                    |                             |                             | See coding chart above for reference |
|-------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------|-----------------------------|--------------------------------------|
|                               |                                                          |                                                                                    |                             |                             |                                      |
| Entry (AMLS)<br>Exit (AMLS)   | Entry (AMLS)*<br>Exit (AMLS)<br>*(Optional key override) | Entry (AMLS)<br>Exit (AMLS)*<br>*(Optional break-dome over thumbturn 'Option K04') | Entry (AMLS)<br>Exit (LMLS) | Entry (AMLS)<br>Exit (LMPB) |                                      |

For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.

Intellectual Property Rights

All Surelock products are the subject to intellectual property rights. These include pending and approved patent and design rights, in particular to the Stirling: EPEP2311/2115252, US8616591. In accordance with our policy of continual development and improvement we reserve the right to make changes in design and specifications without notice.