

K-SR2



1. Scope

- Single outward opening doorsets
- Double outward opening doorsets
- Single inward opening doorsets
- Double inward opening doorsets

2. Sizing

| VARIANT | MIN HEIGHT | MAX HEIGHT | MIN WIDTH | MAX WIDTH |
|---------------------------------|------------|------------|-----------|-----------|
| Single outward opening doorsets | 1000 | 2930 | 600 | 1430 |
| Double outward opening doorsets | 1000 | 2930 | 900 | 2600 |
| Single inward opening doorsets | 1000 | 2930 | 600 | 1430 |
| Double inward opening doorsets | 1000 | 2930 | 900 | 2600 |

All sizes shown are structural sizes in mm.

Note:

- Leaf and a half doorsets are available, with a minimum passive leaf width of 400mm passive and 750mm active.
- Side and/or over panels can be used in a modular fashion to secure larger openings.
- Outward opening double passive leafs can only be fitted with spring bolts.
- Inward opening double doors with fixed side or top panel can only be fitted with spring bolts on the passive
- Double inward and double inward with removable top panel can have spring bolts, MSTB or HSTB tower bolts

3. Locking Options

- MICO Elite panic escape, manual, automatic, or electromechanical deadlocking single point locking
- External access via MICO USCH cylinder guard with Scandinavian oval cylinders, as standard
- Available also to suit round or rim cylinders
- Passive leaf fitted with heavy duty tower bolts, as standard
- Tower bolts extended to a reachable height on larger doorsets

4. Additional Options

- Vision panels (standard sizes in mm are 203x356, 203x762, 457x457)
- Bladed louvre cartridges
- Stays and closers (M100 and TS83, as standard)
- Fixed side panels
- Fixed/removable over panels
- Removable top transom

5. Security Rating

K-SR2 doors are LPCB certified to LPS 1175: Issue 7 Security Rating 2 (certificate number 312f).

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6. Fire Rating

K-SR2 doors are available with a fire rating up to FD240, providing integrity fire resistance for up to 240 minutes, certified by Exova under the CERTIFIRE scheme (certificate number CF5107).

Note:

- 2/3 point locking systems are not fire rated.
- Doors fitted with removable over panels are not fire rated.
- Vision panels reduce the doorset's fire rating to FD60.
- Doors with louvres are not fire rated.

7. Acoustic Rating

Tested by Lorient to BS EN ISO 101402: 2010, certain K-SR2 doors are available with acoustic ratings from Rw40 to Rw42, providing 40dB (double doorsets) to 42dB (single doorsets) of noise reduction, depending on specification.

8. Leaf Construction

| | |
|----------------|---|
| Leaf thickness | - 66mm |
| Leaf material | - Outerskins 1.5mm THK Zintec, stainless steel, or Magnelis - Internal plating to suit locking requirement - Armoured steel, where required |
| Hinges | - 6no. hinges per leaf - Choice of 100mm lift off hinges or grade 13 butt hinges - Protected by 9no. hooked dog bolts per leaf |
| Astragal | - 10mm steel astragal |
| Lifting Points | - M10 lifting point per leaf |



Frame profile

9. Frame Construction

| | |
|---------------------|---|
| Frame profile | - 110mm deep |
| Frame material | - 1.5mm THK Zintec, stainless steel, or Magnelis |
| Construction method | - Butt jointed frame sections, as standard - Fully welded frame available at an extra cost |
| Reinforcing | - 3mm chassis system (no adjusters) |
| Threshold | - Steel or aluminium available - No still option available |

10. Standard Details

| | |
|---------|---|
| Finish | - Polyester powder coated, as standard - Wood effect finish available at an extra cost |
| U'value | - No data available |
| Weight | - Circa 60kg/m ² |