PRODUCT GUIDE

Sentry Automation Ltd

# ISO 40 XXL

## Insulated industrial sectional door

**ELECTRIC OPERATION** | **40mm INSULATED PANELS** | **19 STANDARD COLOURS**



### INSULATED STEEL PANELS

40mm galvanised sandwich panels with a CFC-free polyurethane foam core.

### FLEXIBLE TRACK OPTIONS

T400, T450 or T500 tracks. T450 roof-angle tracks available up to 15°.

### WINDOW & PANEL CHOICE

Window and aluminium-section options are available within XXL size limits.

### REINFORCED CONSTRUCTION

Additional horizontal reinforcement supports larger opening widths.

### MICROLINE EXTERIOR

19 standard exterior colours; RAL 9002 interior with horizontal profiling.

Designed for openings from 8,000mm wide, the ISO 40 XXL combines 40mm insulated steel panels with reinforced horizontal rails. Torsion springs balance the curtain, with electric operation and track arrangements suited to larger commercial and industrial buildings.

| 10,000 × 6,000mm | 60m² | Class 3 |
|---|---|---|
| Maximum width × height | Maximum door area | Maximum wind resistance |

**Supply only • Installation • Repairs • Planned servicing**



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# ISO 40 XXL / Specification

## DIMENSIONS & PERFORMANCE

| | |
|---|---|
| **Maximum width / height** | 10,000mm / 6,000mm |
| **Maximum door area** | 60m² |
| **Panel thickness** | 40mm |
| **Aluminium sections** | See glazing limits below |
| **Maximum leaf weight** | 1,000kg, for all infill types |
| **Wind load resistance** | Up to Class 3 to EN 12424 |
| **Product conformity** | EN 13241 |

## CONSTRUCTION & SEALING

40mm galvanised steel panels with CFC-free polyurethane insulation. Galvanised end caps, fittings and tracks, plus reinforced horizontal rails. Nylon-wheel rollers with 11mm shafts; steel cables with sixfold safety. Insulating seals at the top, sides, bottom and panel joints.

## FINISHES & STANDARD COLOURS

Microline exterior, polyester-coated in RAL 3000, 5003, 5010, 6005, 6009, 7005, 7015, 7016, 7021, 7022, 7035, 8014, 9002, 9005, 9006, 9007, 9010, Goosewing Grey or Merlin Grey. Interior: horizontal profiling in RAL 9002.

Other RAL colours inside and/or outside are optional, excluding fluorescent and traffic colours.

## WINDOWS & PANEL INFILLS

ISO windows: one panel, with double insulating glazing; oblong, extra-low burglar-resistant or round options.

Aluminium sections: two panels for 8,000-9,000mm widths; one for 9,000-10,000mm widths. Infills include double acrylic, polycarbonate or Plexiglas glazing, hollow-core polycarbonate or perforated aluminium in two variations. Confirm the arrangement at boundary sizes.

## DRIVE & ELECTRICAL

Geared electric motor; electric operation only. Dead-man, pulse or remote control.
Supply options: 3-230V-PE / 3N-400V-PE / 3-400V-PE; 50/60Hz.
Standard protection: IP54.
Controls: TS971 / TS981 / T100R (FU).

## SAFETY & CONTROL FUNCTIONS

Emergency hand-chain hoist at operating height; spring-break and anti-lift protection. 24Vdc control; auxiliary supplies 24Vdc (350mA) / 230Vac (1.6A). Status display with six most-recent faults and a maintenance-cycle counter.

Self-learning opening-force monitoring detects sudden counterbalance changes. Automatic DI/FI inverter detection supports speed, soft-start/stop and braking-ramp settings.

## ACTIVATION & SITE REQUIREMENTS

Pull switch, key switch, push-button, photocell, radar, induction loop or remote activation.

Dimensional and structural sheets are available for all track designs. For electric operation, a suitable CEE socket is required within 1m of the control unit, supplied by others. Standard CEE connection: control box IP54.

## OPTIONS & ACCESSORIES

Frequency-controlled fast version; extra activation controls; directly wired IP65 control box and main switch. Safety light curtain, cable-break protection, traffic lights, warning beacon, heavy spring-return shoot bolt and external locking cylinder.

Separate adjacent wicket door; adjusted wind restriction; 15,000-cycle springs. Options are subject to additional cost and confirmation.

**To quote: send opening dimensions, available headroom and side room, site photographs, postcode, power details, preferred finish and activation requirements.**

Based on manufacturer literature dated May 2024. U-value is not stated for the XXL; confirm for the specified door. Dimensions, wind class, glazing, controls and availability require quotation confirmation. Technical changes reserved.



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