Sentry Automation Ltd

Prime

Rapid roll door for interior openings

INTERIOR APPLICATIONS | **0.7mm REINFORCED CURTAIN** | **OPTIONAL INVERTER**



FOR SMALLER INTERIOR OPENINGS

Designed for indoor passages with low wind loads in retail, industry and public buildings.

REINFORCED PVC CURTAIN

0.7mm polyester-reinforced PVC as standard; thicker 1.2mm fabric available.

CHOICE OF DRIVE CONTROL

Standard opening and closing up to 1m/s; inverter option opens up to 1.5m/s*.

LIGHT CURTAIN AS STANDARD

Integrated safety light curtain to 2,500mm high, with manual opening on power loss.

EASY MAINTENANCE ACCESS

Removable column covers provide access for installation and maintenance.

The Prime is an electrically operated rapid roll door for indoor use. Its reinforced PVC curtain and side seals help reduce draughts and separate climate zones in busy buildings. Direct drive, no balance springs and removable column covers provide a practical solution for smaller interior openings.

3,500 × 3,500mm	Up to 1m/s	Up to 1.5m/s*
Maximum opening / 12.25m²	Standard opening / closing speed	Opening with optional inverter

Supply only • Installation • Repairs • Planned servicing

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Prime / Specification

DIMENSIONS & PERFORMANCE

Maximum width / height	3,500mm / 3,500mm
Maximum area	12.25m²
Guide side room	170mm
Slip-on drive side room	300 / 425mm*
Drive fitting clearance	400 / 475mm*
Side-guide profile space	145 / 200mm*
Required headroom	410 / 460mm*
Standard open / close	Up to 1.0 / 1.0m/s
Inverter open / close	Up to 1.5* / 0.5m/s
Wind load classification	Class 0 to EN 12424
Product conformity	EN 13241

CONSTRUCTION & MATERIALS

0.7mm polyester-reinforced PVC curtain, electrically rolled onto a steel roller above the opening; no balance springs. Optional 1.2mm fabric and aluminium reinforcement profiles.

Hot-dip galvanised steel columns with removable front covers and tailored side seals. Aluminium HardEdge bottom beam as standard; flexible, soft-shell FlexEdge optional.

COLOURS, WINDOWS & COVERS

Curtain colours: blue, black, white, grey, graphite grey, red, orange or yellow. Transparent plastic or insect-netting windows optional.

Optional stainless-steel columns; PVC, galvanised steel or stainless-steel top hood; specified RAL colour for hood / PVC cover; colour printing on the curtain.

DRIVE & ELECTRICAL

Direct-drive geared electric motor, mounted on the left or right.

Standard supply: 3N~400V / 50Hz / 16A.
With inverter: LNPE~230V / 50Hz / 16AT.
Motor: IP65; maximum power 1.5kW.
Standard control box: IP54 with CEE plug.

CONTROLS & SAFETY

TS971 / TS981 / T100R (FU), selected for the application. Open-stop-close operation, seven-segment display, adjustable hold-open time, permanently open / closed settings, service and run modes.

Safety light curtain to 2,500mm high as standard. The door can be opened manually in the event of power loss.

SITE & CONNECTION REQUIREMENTS

Flat mounting frame and adequate mounting space required. Confirm precise installation dimensions with the technical drawing.

Provide the correct separately fused CEE socket within 500mm of the control unit. Standard drive: red 400V CEE; inverter: blue 230V CEE. Control box normally on the drive side about 1,500mm above the floor. Confirm circuit protection with the selected configuration.

OPTIONS & ACCESSORIES

Frequency control; push-button, pull switch, key switch, photocell, radar, induction loop or radio activation; door-to-door interlock.

Stainless-steel IP65 control box with separate power plug; directly wired IP65 box / main switch; traffic lights and orange / red warning beacon.

WINDLOAD OPTIMISER

Optional WindLoad Optimiser configuration available. The published EN 12424 classification remains Class 0; confirm suitability for the actual pressure and draught conditions at the opening.

To quote: send opening dimensions, headroom and side room, site photographs, postcode, indoor draught conditions, power details, curtain finish and activation requirements.

*Depending on configuration. Based on manufacturer literature dated May 2024. Confirm dimensions, speeds, wind exposure, controls, electrical requirements and availability with quotation. Technical changes reserved.

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