Sentry Automation Ltd

Prime Retail

Rapid roll door for retail interiors

RETAIL INTERIORS | **0.7mm REINFORCED CURTAIN** | **INVERTER AS STANDARD**



DEVELOPED FOR RETAIL

Fast, quiet interior access for supermarkets, stores and back-of-house room separation.

INVERTER AS STANDARD

Built-in frequency control provides variable speed, with opening up to 2m/s.

WEIGHT BALANCING

Curtain balancing by weights is standard; the door opens automatically during a power failure.

INTEGRATED PROTECTION

IP65 safety light curtain to 2,500mm high, with aluminium HardEdge bottom beam as standard.

CUSTOMISE THE CURTAIN

Seven curtain colours, optional windows and full-colour image or logo printing on request.

The Prime Retail combines rapid, quiet operation with a compact interior door design for retail stores. A 0.7mm reinforced PVC curtain, brush seals and standard weight balancing help separate rooms and reduce draughts. Optional full-colour printing lets the curtain become part of the in-store presentation.

2,250 × 2,800mm	Up to 2m/s	230V
Maximum width × height	Opening; 0.5m/s closing	Single-phase supply

Supply only • Installation • Repairs • Planned servicing

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Prime Retail / Specification

DIMENSIONS & PERFORMANCE

Minimum width / height	700mm / 2,000mm
Maximum width / height	2,250mm / 2,800mm
Drive-side guide space	145mm
Balance guide space	240mm
Slip-on drive side room	410mm
Required headroom	460mm
Top hood depth	430mm
Hood mounting depth	760mm
Opening / closing speed	Up to 2.0 / 0.5m/s
Wind load classification	Class 0 to EN 12424
Product conformity	EN 13241

CONSTRUCTION & MATERIALS

0.7mm polyester-reinforced PVC curtain with standard weight balancing. Galvanised steel guides with brush seals form a rigid assembly with the roller brackets and protective hood.

Aluminium roller and HardEdge bottom beam. Flexible FlexEdge bottom beam and thicker 1.2mm curtain optional. PVC components can be recycled.

COLOURS, WINDOWS & PRINTING

Blue curtain as standard; orange, yellow, black, grey, red or white also available. Optional full-colour picture or logo printing on request.

Window options from 940mm door width; two windows from 1,710mm. Synthetic / PVC protective hood, with galvanised steel option. Guide columns can be supplied in a specified RAL colour.

DRIVE & ELECTRICAL

Industrial slip-on drive with built-in frequency control. Standard drive position: right side of the roller.

Supply: LNPE~230V / 50Hz / 16AT.
Motor: IP65; maximum power 1.5kW.
Standard control box: IP54 with CEE plug.
Controls: TS971 / TS981 / T100R (FU).

CONTROLS & SAFETY

Open-stop-close operation, seven-segment display, continuously variable opening / closing speeds, hold-open timing, permanently open / closed settings, service and run modes.

IP65 light curtain to 2,500mm: interruption opens the door fully until the field is clear; this does not apply while the door is closed. Automatic opening on power failure as standard.

SITE & CONNECTION REQUIREMENTS

Self-supporting construction normally requires fixing at the floor and roller. Confirm fixings, substrate and exact installation dimensions for the site.

Provide a suitable blue 230V CEE socket within 500mm of the control unit, normally about 1,500mm above the floor on the drive side. Confirm circuit protection for the selected configuration.

OPTIONS & ACCESSORIES

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, traffic lights, orange beacon, protective steel bumpers, FlexEdge bottom beam, 1.2mm curtain, window options, RAL guide-column finish and full-colour curtain printing. Options subject to quotation.

To quote: send opening dimensions, headroom and side room, site photographs, postcode, power details, curtain colour / printing, window preference and activation requirements.

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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