

INTERNAL & EXTERNAL RAPFLEX TYPE 'R' HIGH-SPEED ROLL-UP DOOR



Overview

Our Rapflex Type 'R' consists of several models across the range. These models range from our competitively priced entry level version to larger models designed for oversized external applications. All models can be mounted internally or externally depending on the customer requirements.

Each style of high-speed door incorporates a choice of high quality materials. All models are individually designed to ensure a safe, long-term beneficial, reliable operation. Each door is designed to require minimal maintenance and optimise work-flow, improve the working environment, control dust, noise and save energy (Please refer to the specification chart for a list of available options and finishes for this style of door).

All doors are suitable for use in a broad range of applications, environments and industries. Some of these include:

- *Food Processing & Packaging*
- *Clinical & Hygiene*
- *Cold Storage*
- *Logistical & Warehousing*
- *Light & Heavy Commercial*

SPEEDFLEX™ Roll-Up doors are manufactured to strict CE regulations and European Directives. Where required we have the ability to make meaningful design changes to ensure our products live up to each and every one of our clients expectations.

Advantages

The environmental conditions of most buildings is heavily affected by an open doorway. Not only is the temperature almost impossible to control with open doorways but the wind factor is a serious issue to many industries. As conventional doors are not designed for intense use and are notoriously slow in operation most doorways are left exposed to the extremities of the British Weather.

Other internal applications may be faced with a noise, dust, safety or contamination issue.

There are also specific client objectives to be realised which will ensure additional advantages.

Operation

Each door is designed specifically based on the intended application. Once we ensure the clients requirements are fully realised we can offer the best method of operation. Operation methods include:

- Standard Push-Button (Internal and External)
- Standard Automatic Timed Closure (Variable)
- Remote Control Operation (Unlimited Handsets)
- Magnetic Induction Loop
- Pull Cord
- Motion Detector (Radar)
- Infrared Photo-cell
- PLC Controller

Anytime after installation additional devices can be installed.

Safety Features

SPEEDFLEX™ Roll-Up doors are manufactured to strict CE regulations and European Directives. By the nature of the product safety is paramount and SPEEDFLEX™ place a primary fundamental approach on the safe operation of all doors.

As standard each door is supplied with a number of safety devices to ensure maximum protection to unsuspecting personnel. These safety features include:

Electronic 'Stop & Return' Safety Edge

This component is placed on the leading edge of the door. Should the door comes into contact with any object or personnel the door will immediately cease operation and reverse to an open position.

IR Photo-Cells

2 pairs of photo-cells are supplied with every door. One set is placed inside the opening and the other placed on the outside. If the beam is broken from either direction the door will stop and reverse and will remain open until the obstruction is removed. Once the photo-cells detect no obstruction normal operation will resume.

Visual Warning System

Each door is supplied with a visual warning beacon which indicates when the door is about to start an open or close cycle. (This device can be further complimented if required by a full traffic light system which is available on each installation as an additional option).

Direct Drive Self Braking Motor

All motors are mounted to directly drive each door. This is a stipulated criteria in-line with the current CE regulations. The direct drive is of primary importance to ensure the safety of all personnel in the event of any collision with the door. All motors are self-braking to ensure further safety. (Please note specifications may intentionally change based on CE requests).

Vision Panels

Each door includes transparent vision panels as standard. This allows personnel on either side of the opening to see who and what is on each side of the door. Vision panels sizes can be customised to suit and removed completely if required.

Curtain Options

As standard we supply all doors with 900g/m² polyester pvc. In addition we also offer 1200g/m², 1700g/m² and 4mm insulated option.

21 Standard colours are available (non-insulated) which include:

- White
- Cream
- Yellow
- Orange
- Red
- Blue
- Green
- Grey
- Brown
- Black

For a full technical specification on these options please visit the downloads section of our website where you can download and view the relevant tables/specifications.

Design & Reliability

SPEEDFLEX™ has a proven track record of manufacturing and designing doors for many blue-chip companies around the world. All doors are meticulously designed and tested to ensure maximum reliability and performance.

Maintenance and Service

Our entire high-speed door range has been designed to require very little maintenance. In the benefit of safety we do suggest all doors are inspected by one of our trained engineers on a periodic basis to ensure trouble free operation for the life of the product. For further information on caring for the product please visit our download section where you will find the necessary spare part and maintenance manuals.