

# NBS Specification

## Gilgen Kwikroll KR 212 – Internal High Speed Vertical Rolling Doors

Gilgen Kwikroll is a range of high speed vertical rolling fabric doors for low security and internal or external applications. They are always supplied with power operation for automated use and are specifically designed for vehicle flow solutions to enable frequent use and minimize environmental exchange.

### Standard details for Kwikroll KR 212 – High Speed Vertical Rolling Doors:

- **Manufacturer:** Gilgen Door Systems Ltd
- **Product Reference:** Kwikroll KR212
- **Size:** 2000mm wide, 2500mm high (max)
- **Arrangement:** Face fixed  
Reveal fixed
- **Curtain Colour** Not required  
RAL 1018 – zinc yellow  
RAL 2004 – pure orange  
RAL 3002 – carmine red  
RAL 5010 gentian blue  
RAL 7038 agate grey  
Transparent
- **Frame/Guides:** Manufacturers standard – self finish galvanised steel  
Brushed stainless steel V2 A  
Polyester powder coated galvanised steel, coated RAL ref
- **Operation:** Manufacturers standard – geared motor drive with either -  
Inversion relay or frequency converter controls  
2 push button (open/close)  
3 push button (open/stop/close)  
Induction loop  
Infrared movement and presence detector  
Mushroom button  
Pull switch with bracket arm  
Radar movement detector  
Radio remote control
- **Emergency Operation:** Manufacturers standard – counter weight
- **Safety Power Operation:** Standard – contact safety edge & none contact light – curtain system  
Optional – secondary post mounted none contact – safety beam  
Optional stand off presence sensing devices – to detect the presence of pedestrians approaching door zone
- **Outputs:** Traffic lights

## Guidance

### As standard

#### Application

Internal door for draft free zones – ideal for supermarket door between the store and the sales area (max size 2000mm wide x 2500 mm ht)

#### Features:

- Patented anti-crash system.
- Standard light grille and automatic emergency opening via a counterweight.

#### Curtain thickness:

Fabric curtain: 1.5 mm.

Vision panel: 2.0 mm.

#### Speed (inversion relay/ frequency converter controls):

1.2/ 0.5 m/s

#### Wind protection:

No performance determined – draft free zones

## Options

### Components:

A selection of drive and control systems, flexible curtain fabrics and compositions are offered to suit different applications. Electric operation is with a range of motors and controls for both 240v single phase and 400v 3 phase supplies. A comprehensive range of vehicle detectors, hand transmitters, receiver units, push-button controls, key switches, photocells, signal lights and digital control units are also available as alternatives or in addition to the standard control units. Reliable operation and safety in use are of high priority with safety systems including an integral light curtain as standard on this model.

### Dimensions:

- Width (maximum): 2000 mm.
- Height (maximum): 2500 mm.

### Finish:

The fabric curtains are available in a range of colours and transparency, and the main metal work structure and optional casings are normally a galvanised self finish, but optional polyester powder coat finishes and special stainless steel materials can be supplied.