

## NBS Specification

### Gilgen Rolegard - High Security Insulated Shutter Range SR2-INS-DD. Certified to LPS 1175 issue 7, level 2 and approved to Secured by Design Standards

Gilgen heavy duty steel vertical rolling shutter door, including enhanced levels of tested security resistance, energy conservation and sound reduction. This product also provides compliance with Insurance and Police Preferred 'Secured by Design' Standards.

SR2 incorporates medium level security to protect against determined opportunist attack. Suitable for applications that require heavy duty operation through three phase mains power supply. Manual override via a low level hand chain. Typical applications include industrial premises requiring medium to heavy usage, for example, vehicle access doors.

The doors comply with BS EN 13241-1

- **Manufacturer:** Gilgen Door Systems Ltd, Securiparc House, Wimsey Way, Alfreton.DE55 4LS, Tel: 01773 526200; [www.gilgenddoorsystems.co.uk](http://www.gilgenddoorsystems.co.uk); [sales@gilgends.com](mailto:sales@gilgends.com)
- **Product Reference:** Rolegard high security SR2 –INS-DD
- **Size:** Width 2m - 8m (max)  
Height 2m – 8m (max)  
Door area = 64m<sup>2</sup> (max)
- **Security rating** LPS 1175 SR 2 (issue 7) and Secured by Design Approved
- **Arrangement:** Internal face fixed
- **Curtain:** Curved micro ribbed faces, insulated core
- **Finish/Colour:** Manufacturers standard galvanised finish  
Paint BS4800  
Paint /RAL colour range
- **Frame/Guides:** Mild steel plate BZP coated.  
Galvanised heavy duty reinforced steel side guides
- **Operation:** Three phase direct drive motor c/w manual override hand chain
- **Control:** Manufacturers standard- low level set of push buttons or a key Switch, dependant on the operational requirements.
- **Safety:** Manufacturers standard- dead man  
Contact safety edge  
None contact safety beam  
None contact safety light curtain
- **Activation:** Internal digital keypad  
Infrared vehicle/person detection scanner  
Internal key switch  
Internal lockable push button  
Remote push button  
Remote radio control
- **Locking:** Manufacturer's standard; key operated pin lock assembly fitted to The internal face of door side guides at low level, c/w electrical safety interlock box

- Accessories: Galvanised three sided, sheet steel hood cover  
Galvanised sheet steel motor cover  
Weather seal to bottom edge of shutter

### **Guidance**

#### **As standard**

#### **Features**

Gilgen security shutters can be used on the outside or inside of facades as part of layered security or alternatively, as a stand-alone physical barrier.

### **Operation**

External direct drive three phase 415V AC and neutral supply

### **Performance**

- Security rating; Loss Prevention Standard 1175 Issue 7 Security Rating 2, meeting all the requirements defined in sections 3 and 4 of the Loss Prevention Certification Board test standard.
- Gilgen Door Systems understand that security risk ratings can be different for each application. The above SR ratings are provided for guidance purposes only and it is the responsibility of the specifier or customer to make the final interpretation and decision.
- Approved by Secured By Design – The UK official Police design initiative to reduce crime governed by The Association of Chief Police Officers
- Wind pressure; BS EN 12424- Class 3 Beaufort 11,73 mph,700 N/m<sup>2</sup>
- Thermal insulation = U value 3.8 W/m<sup>2</sup>.k
- Sound reduction = Rw – 16db
- Static load (weight of whole door assembly): approx 30 kgs/m<sup>2</sup>.
- Environmental Ingress protection level (motor & control): Three phase direct drive motor and controls IP54. Motor drive duty rating. Three phase motor duty rating Class S3 – 65%.

### **Finish**

The main exposed metal work structure and optional casings are mainly a galvanised / galfan self finish as standard, but optional paint finish can be supplied to the whole or part of the door assemblies.

### **Control**

A comprehensive range of vehicle detectors, hand transmitters, receiver units, push-button controls, key switches, safety edges, photocells, signal lights and digital control units are also available as alternatives or in addition to the standard control units.

### **Safety activation**

- Manufacturers standard – dead man operation which requires the operator to apply constant pressure to the door operating device (key switch or push button) as per BSEN 12453 part 5.5.1
- Remote or automatic door controls - Minimum requirements, impact sensitive safety edge / non contact safety beam.

### **Accessories**

- Three sided head cover; this is available for applications which may require improved aesthetic appearance or protection from local environmental conditions.
- Removable motor cover; this is available to cover the exposed part of the drive motor which projects outside of the three sided head cover on the three phase design.
- For applications which require a more substantial seal against water ingress, we would recommend a suitably designed structural threshold arrangement – please contact Gilgen for advice.