

DOUBLE WALL F7D & F100D HIGH SPEED & INSULATED ROLLER SHUTTERS

Maximum Size up to
12,000mmW x 20,000mmH



WEATHER-PROOF



SOUND INSULATION



SECURE & SAFETY



WIND-RESISTANT



Normal to High Travelling Speed

50mm to 500mm per second

Strong & High Wind Resistance

100 to 220km/h wind speed

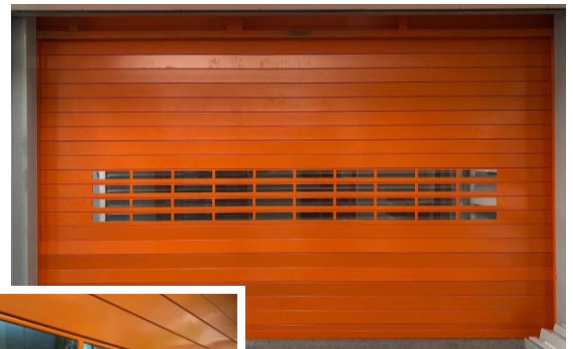
Excellent Air Tightness

for weather-proof and clean room applications

Sound Insulation

up to 32dB

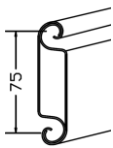
- Drive system designed up to 30 years useful life
- 100 Cycles per minute with air-cooled motor
- Safety features include obstruction detection sensor



Shutter Curtain & Guide Rail Design

F7D

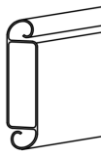
F7D Double-wall Galvanised Steel



Roll-formed using galvanised steel / stainless steel
Available in 0.8mm, 1.0mm thickness
Overall thickness of 22mm
Max. width: 12,000mm; Max. height: 10,000mm
Optional: No-friction Endlocks

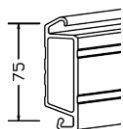
Available in 4-hour Fire-rated specification tested to UL10B, BS476 Part 22, Malaysian Standard MS 1073 and Singapore Standard SS489

F7DA Double-wall Aluminium



One-piece Extruded Aluminium
1.2mm thickness
Max. width: 6,000mm; Max. height: 6,000mm
Optional: No-friction Endlocks

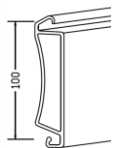
F7DAA6 Double-wall Aluminium 6mm



One-piece Extruded Aluminium
Overall thickness of 25mm
Max. width: 10,000mm; Max. height: 10,000mm
Noise and Sound Insulation of 36dB
Wind resistance: 60 – 80km/h
Optional: No-friction Endlocks

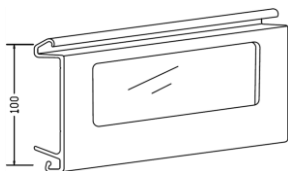
F100DA

F100DA Double-wall Aluminium



One-piece Extruded Aluminium
Overall thickness of 27mm
Max. width: 10,000mm; Max. height: 20,000mm
Noise and Sound Insulation of 36dB
Wind resistance: 60, 80, 100, 120, 150km/h
Optional: No-friction Endlocks

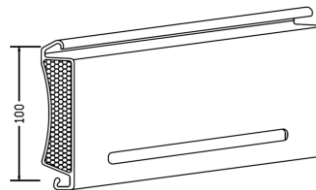
F100DAV with Transparent Vision Panel



One-piece Extruded Aluminium
With Polycarbonate 3.0mmT Panel
Max. width: 10,000mm;
Max. height: 20,000mm
Wind resistance: 60, 80, 100km/h
Optional: No-friction Endlocks

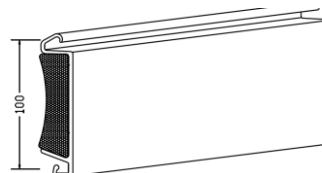
HIGH PERFORMANCE

F100DASS Anti-Sand Storm Design



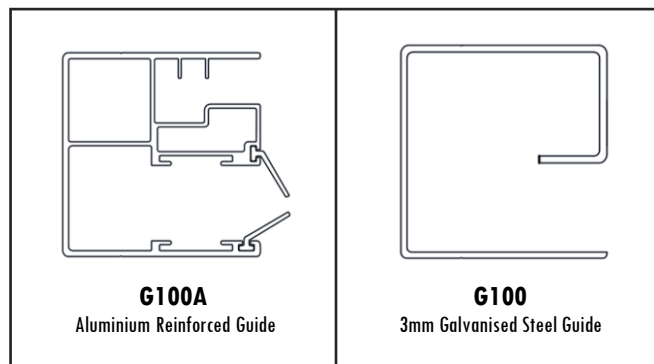
One-piece Extruded Aluminium
Overall thickness of 27mm
Equipped with Sand Filtration Fins
Max. width: 10,000mm; Max. height: 20,000mm
Wind resistance: 60, 80, 100, 120 and 150km/h
Optional: No-friction Endlocks

F100DAT with Thermal Break for Insulation



One-piece Extruded Aluminium
Overall thickness of 28mm
Equipped with Santoprene Thermal Break Feature
Noise Reduction to 36dB & Air-tightness
Max. width: 10,000mm; Max. height: 20,000mm
Wind resistance: 60, 80, 100, 120 and 150km/h
Optional: No-friction Endlocks

Guide Rail



Model Type: SKB-G100A Aluminium

Extruded Aluminium 3.0mm thick Aluminium with

- Silencer and Windlock-ready application
- Noise Control and Weather-proof Gasket
- Built-in Safety Sensor Groove

Model Type: SKB-G100 Steel

Surface Mounted type 3mm Galvanised Steel Fire-rated G Guide

General Specifications

Drive Barrel Pipe

BS Standard Welded Steel Pipe of 250mm Diameter with 50mm Solid Steel Shaft and Bearing Blocks

Finishing

- Natural Finish
- Powder coated to 5-stage Pre-treatment with Architectural Grade quality and double oven-curing process

Motor Drive Unit

Power Source: 230v Single Phase 50 Hz or 415v 3 Phase 60 Hz
Motor with Manual Hand Crank or Endless Chain Override
Operate via Push Button or Auto Close when receive 24vDC Fire Signal

Smooth Closing Bottom Bar

Model: SKB-SPB-80

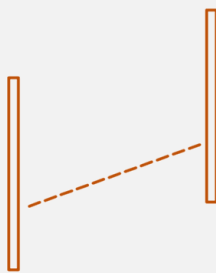
- Long lasting Santoprene Extrusion to seal gaps for uneven floors
- Equipped with Built-in Safety Sensor Slot



OPTIONAL FEATURES



Multi Beam
Light Curtain Sensor



Single Beam
Infrared Sensor



Wireless Rolling Code
Remote Control



3.7mm thick Impact
Resistant Vision Panel

- **Customisable Speed & High Speed Operation:** 70, 100, 150, 200, 300, 400 and 500mm per second traveling speed
- **Wind Resistance Performance:** 60, 100, 150 and 200km/h
- **Safety Sensor:** Available in options of Infrared Light Curtain, Single Beam Infrared Sensor, Bottom Edge Air Sensor and Tape Switch Sensor
- **Operation Method:** Push Button, Wireless Secured Remote Control with Patented Rolling Codes, Wireless Push Button Wall Switch, Radar Sensor, Vehicle-only Detection Sensor, Digital Keypad Access
- **For extra large openings** – able to customise removable sliding mullion
- **Safety Brake Arrestor for Safety Prevention** – Prevent roller shutters from sudden descend



SKB SHUTTERS MANUFACTURING SDN BHD 辛建文卷门有限公司
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