RR
FIREPROOF
®
DESIGN-SUPPLY-INSTALL
FIRE RATED DOORS SPECIALIST
R & R FIRE & SOUND PROOF BUILDING MATERIALS LTD.

RR-FPOS

Structure & Characteristics

Supply

Xinyi Glass (China)

Factory

Digital Cutting Machines

Factory

Glass Tempering Furnace

Factory

Heat Soak Furnace

FIRE-RATED GLAZING ASSEMBLIES

Model : [redacted]

1. Fire Resistance Test : BS EN 1634-1
2. Smoke Control Test : BS EN 1634-3
3. Fire Resistance Test : BS EN 1364-1

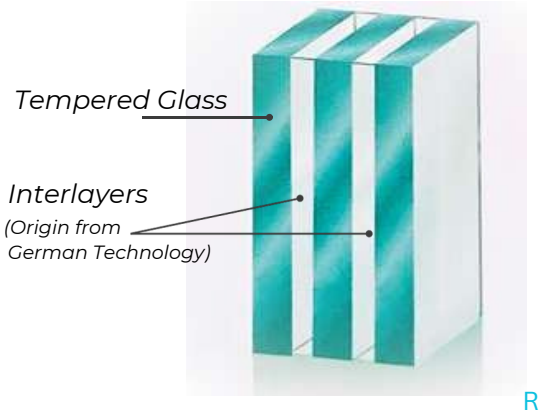
Glazed Door Leaf / Assemblies

- *Nominal Thickness **26mm***
- *Vision Sizes 1,202mm (Width) 3,059mm (Height)*
- *Max Area: 3.34m²*

Glazed Panels System

- *Nominal Thickness **28mm***
- *Vision Sizes 1,890mm (Width) 3,570mm (Height)*
- *Max Area: 6.12m²*

Glass Composition



RR-FPOS Fire Resistant Glass

in accordance with

10 YEARS WARRANTY

- **Radiation Test** :
BS EN ISO 12543-4:2021 clause 7.3.1 and 7.5.2 /
BS EN ISO 12543-2:2021 clause 6.3

- **Humidity Test** :
BS EN ISO 12543-2:2021 clause 6.3.1
BS EN ISO 12543-2:2021 clause 6.2

- **Impact Test** :
BS EN 12600

- **High-Temperature Test** :
BS EN ISO 12543-2:2021 clause 5.1.2

R & R Fire & Sound Proof Building Materials Ltd. is the Hong Kong General Agent for Heshan Hengbao Fire Resistant Glass Factory Company Limited.

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Structure & Characteristics

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Glazed Door Leaf / Assemblies

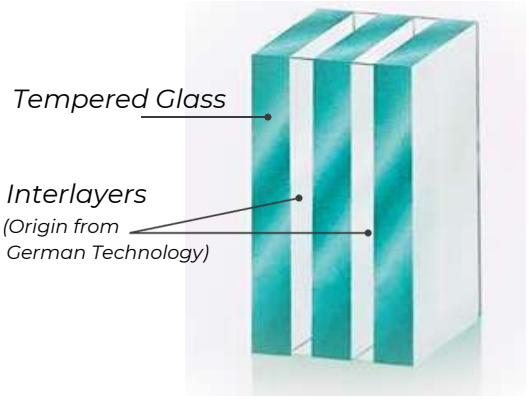
- *Nominal Thickness **50mm***
- *Vision Sizes 1,265mm (Width) 2,970mm (Height)*
- *Max Area: 3.42m²*

Glazed Panels System

- *Nominal Thickness **50mm***
- *Vision Sizes 1,265mm (Width) 2,970mm (Height)*
- *Max Area: 3.42m²*

- *Nominal Thickness **54mm***
- *Vision Sizes 1,580mm (Width) 3,208mm (Height)*
- *Max Area: 4.60m² **(Extra Large Panel)***

Glass Composition



RR-FPOS Fire Resistant Glass

in accordance with

- **Radiation Test** :
BS EN ISO 12543-4:2021 clause 7.3.1 and 7.5.2 /
BS EN ISO 12543-2:2021 clause 6.3

- **Humidity Test** :
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BS EN ISO 12543-2:2021 clause 6.2

- **Impact Test** :
BS EN 12600

- **High-Temperature Test** :
BS EN ISO 12543-2:2021 clause 5.1.2

10 YEARS WARRANTY

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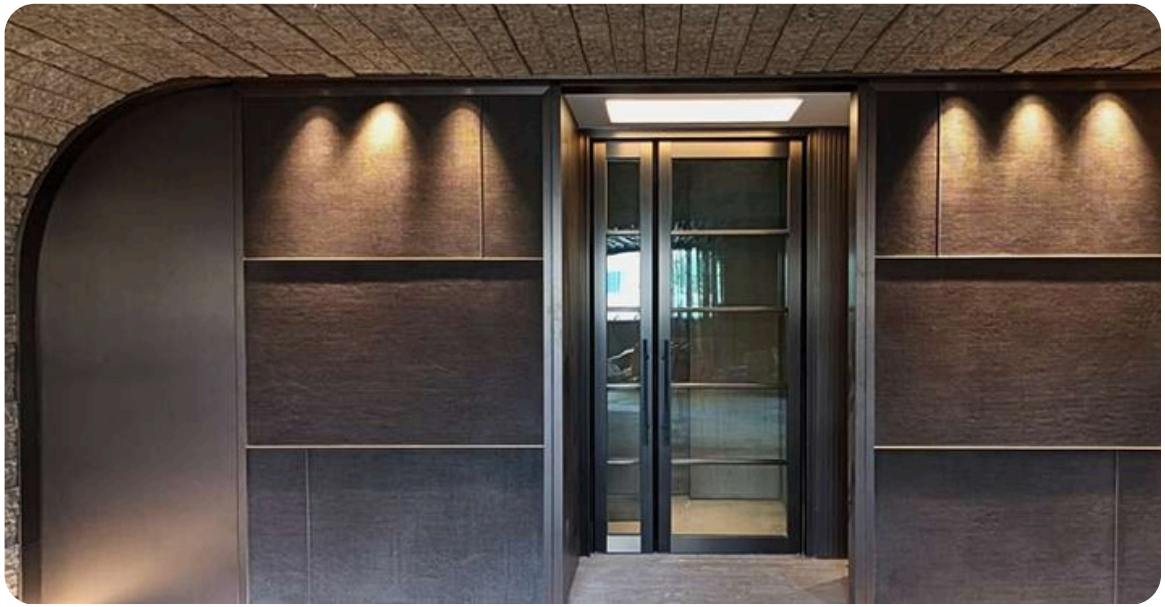
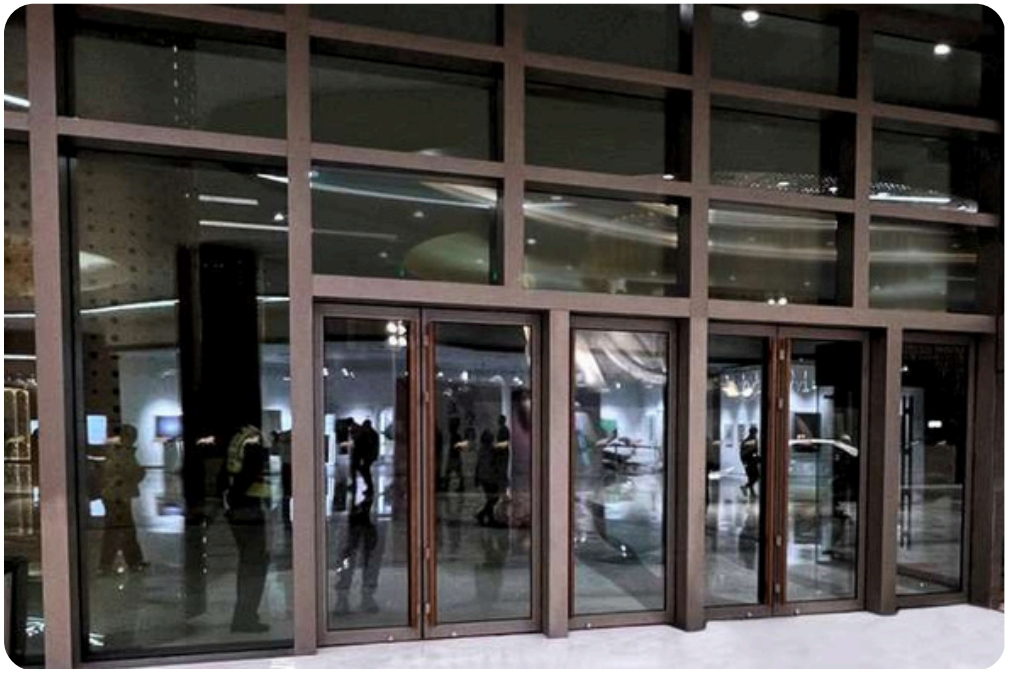
Swing Products



FRR (- / 120 / 120) Glazed Assemblies

Glazed Assemblies extended in Unlimited Width

FRR (- / 120 / 120) Single Leaf Door



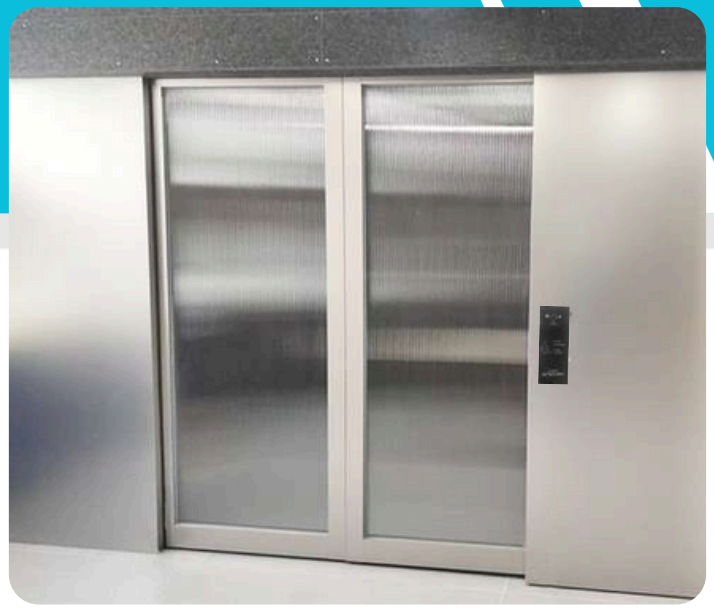
Top Panel & Side Panel System

Single Leaf Door & Side Panel System

RR-FPOS

Sliding Products

FIRE-RATED GLAZING ASSEMBLIES



Automatic Sliding Operator / Electronic Opening Device

Model : RR-FPOS-EI60(SL)

- *Single / Double Leaf Config.*
- ***Automatic Sliding / Manual Sliding***
- *FRR (- / 60 / 60) + Smoke Control*

Nominal Thickness ***26mm***
Vision Sizes 1,380mm (Width) 3,220mm (Height)
Max Area: 3.86m²

Construction of System
Door Leaf : Metal Frame + Glass
Pocket Partition : Fire-rated Board

Manual Sliding Operator / Mechanical Self-Closing

RR-FPOS Job Reference

FIRE-RATED GLAZING ASSEMBLIES

Project Name	Location	Main Contractor/Contractor	Scope ofWorks
Lee Garden Five	3/F, Lee Garden Five, 18 Hysan Ave, Causeway Bay	CCS International Design Limited	Supply & install Glazed Partition System with mullions (FRR -/120/120)
NKIL 6593 Ko Chiu Road	NKIL 6593 Ko Chiu Road, Yau Tong	Sun Yu Chau Interior Contracting Co .Ltd.	Supply & install Fire-rated FRR120/120 Glazing doorsets
Regency Centre - Entrance	1 & 2, 39, 41-43 Wong Chuk Hang Road	ISP Interiors Limited	Supply & install Fire-rated FRR60/60 Glazing Sliding doorsets (Dorma ES200 (F) electronic opening device)
157-159 Johnston Road	157-159 Johnston Road, Wan Chai	Martin Construction Company Limited	Supply & install Fire-rated FRR60/60 Glazing doorsets
Villa Lucca	Lo Fai Road, Lot 223 & 229, Tai Po, N.T., HK	KinTone Engineering Limited	Supply & install Fire-rated FRR60/60 & 120/120 Glazing doorsets & Assemblies
Fu Shan Public Mortuary	9 Lower Shing Mun Road, Tai Wai	Nishimatsu Construction CO., Ltd	Supply & install Fire-rated FRR60/60 Glazing Assemblies
ASD Term Consultancy for Minor Works to Government Properties Region 1 No.:9AE126	Sheung Wan Civic Centre, 5/F Sheung Wan Municipal Services Building, 345 Queen's Road Central, Sheung Wan	Heng Tat Engineering Limited	Supply & install Fire-rated FRR60/60 Glazing doorsets
The Garden Bakery	The Garden Bakery at 58 Castle Peak Road	Cristalla Designs & Contracting Ltd.	Supply & install Fire-rated FRR120/120 Glazing doorsets
Hang Seng Bank ATM Kiosk - MTR	CEN WWH ABC2, Hang Seng Bank, MTR Central Station	Media Link Technologies Ltd	Supply & install Fire-rated FRR60/60 Glazing doorsets
Maxim's MX - MTR	MTR Sheung Shui Station, Shop no. SHS 9	ALCO ENGINEERING (HK) LIMITED	Supply & install Fire-rated FRR120/120 Glazing doorsets
OP Mall	100 Tai Ho Rd, Tsuen Wan	Legend Interiors Limited	Supply & install Fire-rated FRR120/120 Glazing doorsets

RR-FPOS Job Reference

FIRE-RATED GLAZING ASSEMBLIES

Project Name	Location	Main Contractor/Contractor	Scope of Works
The Cendas	15 Sheung Yuet Road	Fuji (China) Decoration & Engineering Co Ltd.	Supply & install Fire-rated FRR60/60 Glazing doorsets & Assemblies
Hong Kong Jiangsu Innovation & Technology Centre	Rm 709, 7/F, Tower 3 Zone D Cyberport 3, 100 Cyberport Road, HK	Zhong Shan Co Ltd.	Supply & install Fire-rated FRR60/60 Glazing Sliding doorsets (Electronic opening device)
Joint-User Government Office Building	Area 67, Tseung Kwan O, HK (Contract No. SS H502)	Harvest Time Facade Ltd	Supply & install Fire-rated FRR60/60 Glazing Assemblies