



**PC350**  
WE CREATE INSPIRED WORKSPACES

# NIMBUS

## SPECIFICATION SHEET

NIMBUS premium double-glazed panels engineered for superior acoustic performance and aesthetic refinement in dynamic commercial interiors.



SMART  
DEPLOYMENT



GLASS



SEVERAL  
FINISHES



FIRE RATING



SOUND  
INSULATION

# SPECIFICATIONS

## CREATING SPACE WITHIN SPACE

NIMBUS is a robust, solid operable wall system engineered for maximum flexibility and superior acoustic performance. Each panel features retractable acoustic seals to ensure a tight, secure fit without the need for floor tracks, allowing for quick and seamless reconfiguration. Whether operated manually or via a hybrid deployment system, CUMULUS can be tailored with telescopic end panels and integrated door options. Additionally, CUMULUS panels are designed to integrate effortlessly with NIMBUS glazed segments, providing a cohesive, multi-functional wall solution for any environment.

OPERATION	DOOR TYPE	SOUND TRANSMISSION CLASS
<ul style="list-style-type: none"><li>• Manual</li><li>• Hybrid</li></ul>	<ul style="list-style-type: none"><li>• Single Inset Passdoor</li><li>• Double Inset Passdoor</li><li>• Full-Height Passdoor</li></ul>	44-49



# Panel Elevations

## PAIRING STACKNIG SYSTEMS

NIMBUS is a premium double-glazed operable wall system designed for acoustic privacy, light transmission, and flexible commercial layouts. It supports mixed glass/solid configurations and uses telescopic end panels with hybrid acoustic seals.

<p>MAIN STACKING SYSTEM</p>	<p>Best when passdoors or panels need to work with side slide, balanced centre, dual-ended, or corner stacking layouts.</p>
<p>CENTER STACKING SYSTEM</p>	<p>Best with glazed panels and telescopic closure when you want a simple parked arrangement with no floor track.</p>



# OPERATION SYSTEMS

Our wall systems combine smooth operation, secure locking, and strong acoustic performance with manual, hybrid, and smart automation options.

## MANUAL DEPLOYMENT

Panels are physically moved and locked into place using a handle or lever that secures panels for stability.

## HYBRID DEPLOYMENT

Panels positioned with minimal assistance, while an electronic locking system automatically engages panels in place.

## SMART DEPLOYMENT

An electric motor drives panels to their designated position and automatically locks and seals them.



# PANEL SPECIFICATIONS



## GLAZED PANEL

### Thickness

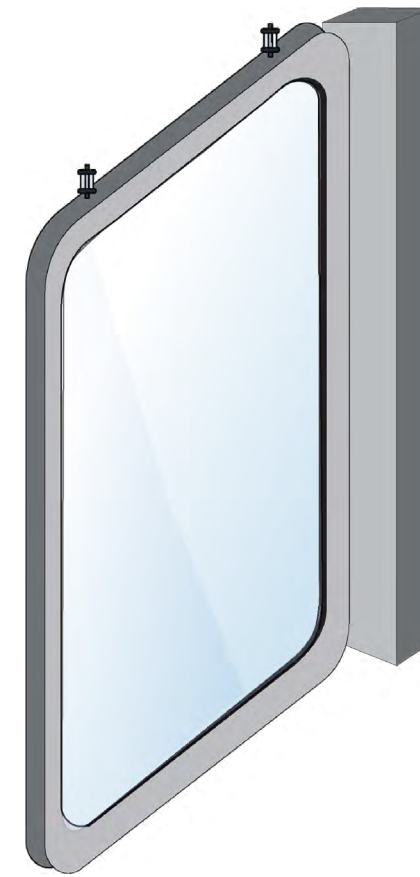
- 4.57" (116mm)
- 4.72" (120mm)

### Panel Height (Max.)

- 177.16" (4500mm)

### Panel Width

- 31.49" - 51.18" (800mm - 1300mm)



## TELESCOPIC PANEL

### Thickness

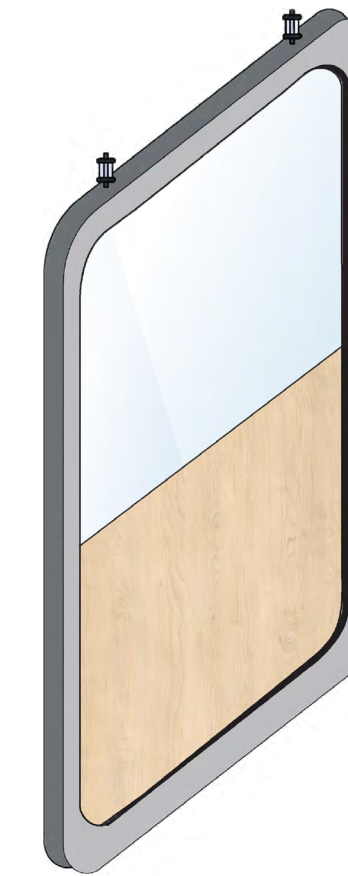
- 4.57" (116mm)
- 4.72" (120mm)

### Panel Height (Max.)

- 177.16" (4500mm)

### Panel Width

- 31.49" - 51.18" (800mm - 1300mm)



## MIXED PANEL

### Thickness

- 4.57" (116mm)
- 4.72" (120mm)

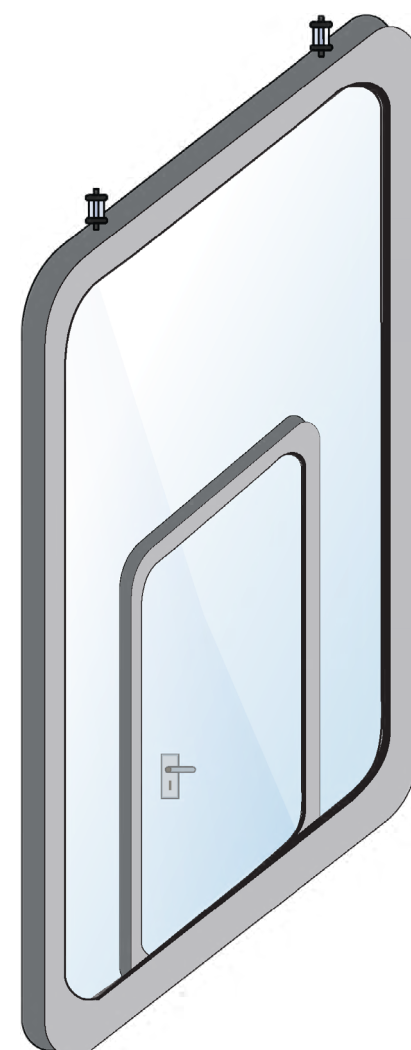
### Height (Max.)

- 236.22" (6000mm)

### Panel Width

- 31.49" - 51.18" (800mm - 1300mm)

# PASSDOOR SPECIFICATIONS



## SINGLE INSET PASSDOOR

### Thickness

- 4.57" (116mm)
- 4.72" (120mm)

### Height (Max.)

- 177.16" (4500mm)

### Opening Angle

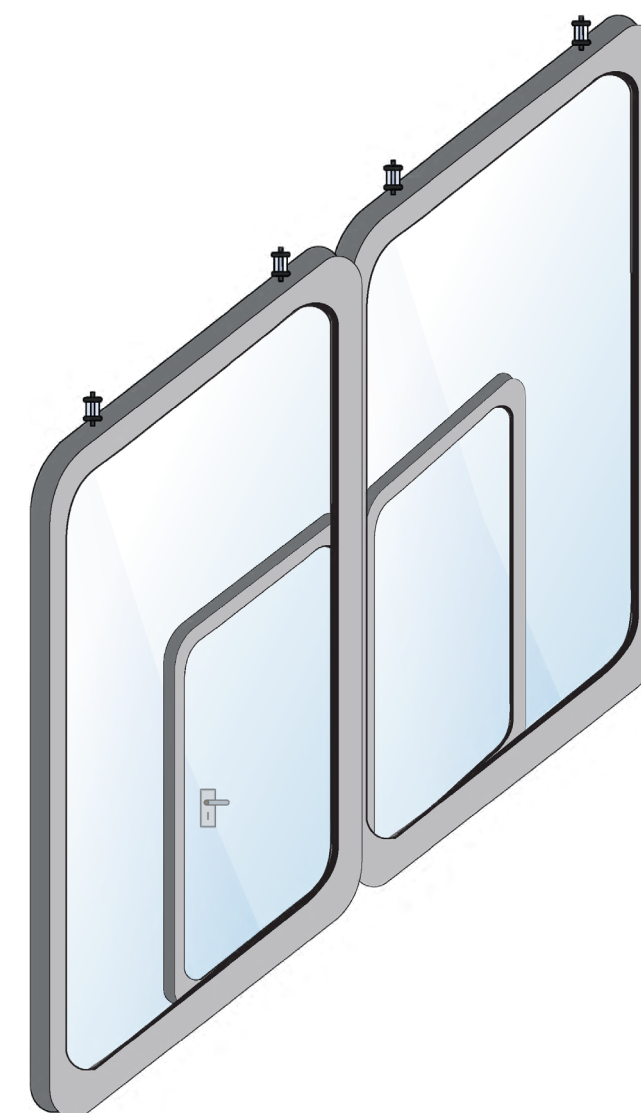
- 0° - 180°

### Opening Width

- 30.11" (765mm)
- 32.08" (815mm)
- 34.05" (865mm)

### Width

- 47.24" (1200mm)
- 49.21" (1250mm)
- 51.18" (1300mm)



## DOUBLE INSET PASSDOOR

### Thickness

- 4.57" (116mm)
- 4.72" (120mm)

### Height (Max.)

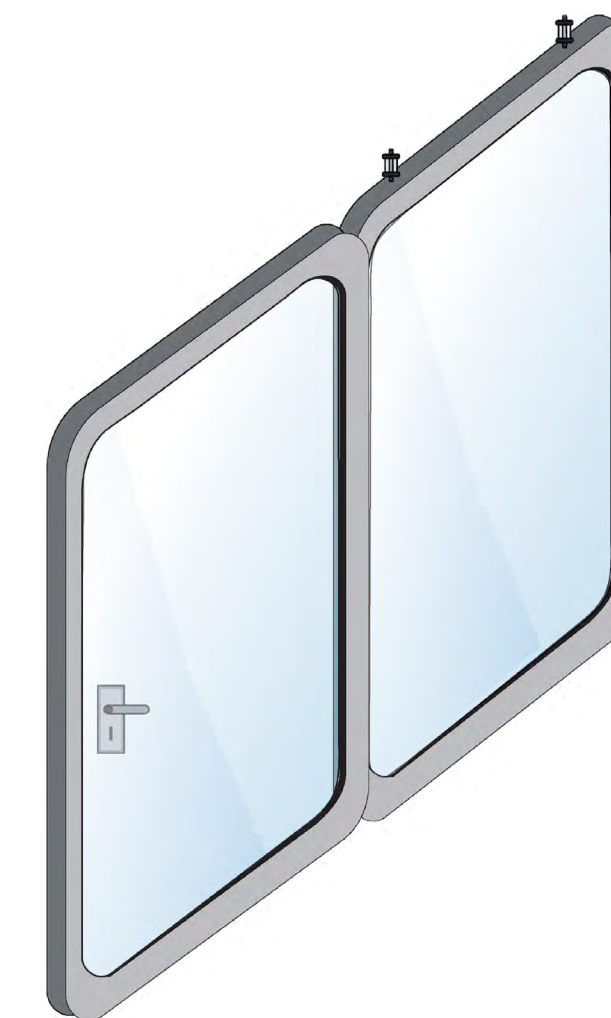
- 177.16" (4500mm)

### Width

- 90.62" (2302mm)

### Opening Angle

- 0° - 180°



## FULL HEIGHT PASSDOOR

### Thickness

- 4.57" (116mm)
- 4.72" (120mm)

### Height (Max.)

- 129.92" (3300mm)

### Width

- 39.76" (1010mm)

### Opening Width

- 32.08" (815mm)

### Opening Angle

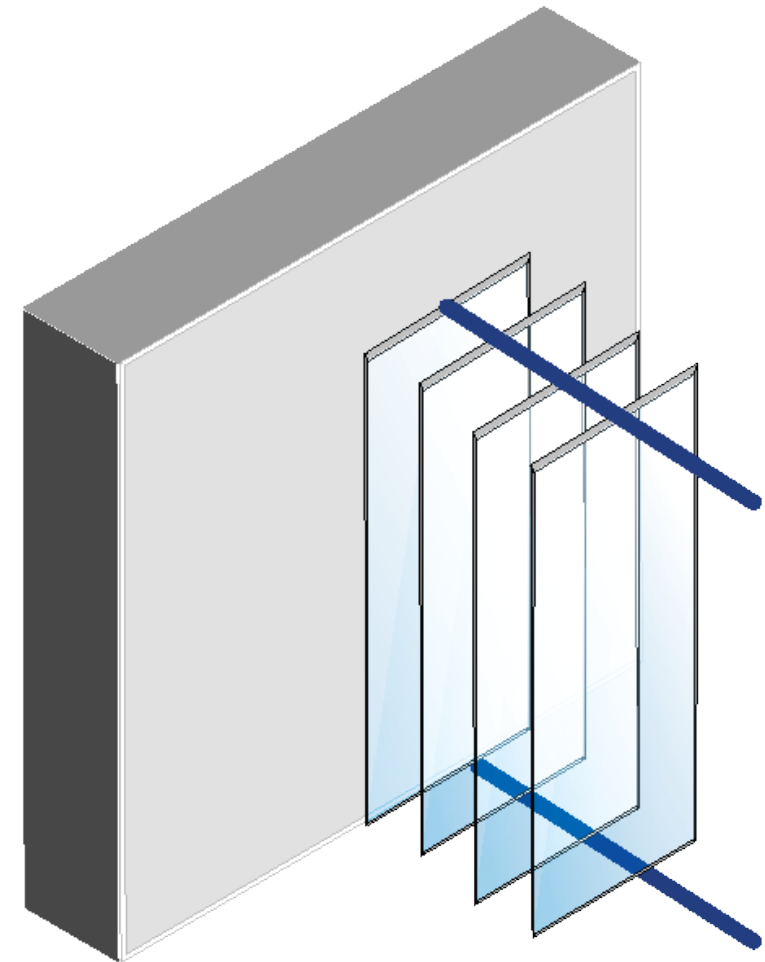
- 0° - 90°

# STACKING OPTIONS

## CENTRE STACKING SYSTEM

Panels travel inward from both sides and meet at one central storage point, creating a balanced layout, a compact stack zone, and minimal wall projection into the space.

### CONFIGURATIONS



### CENTRE FOLDING

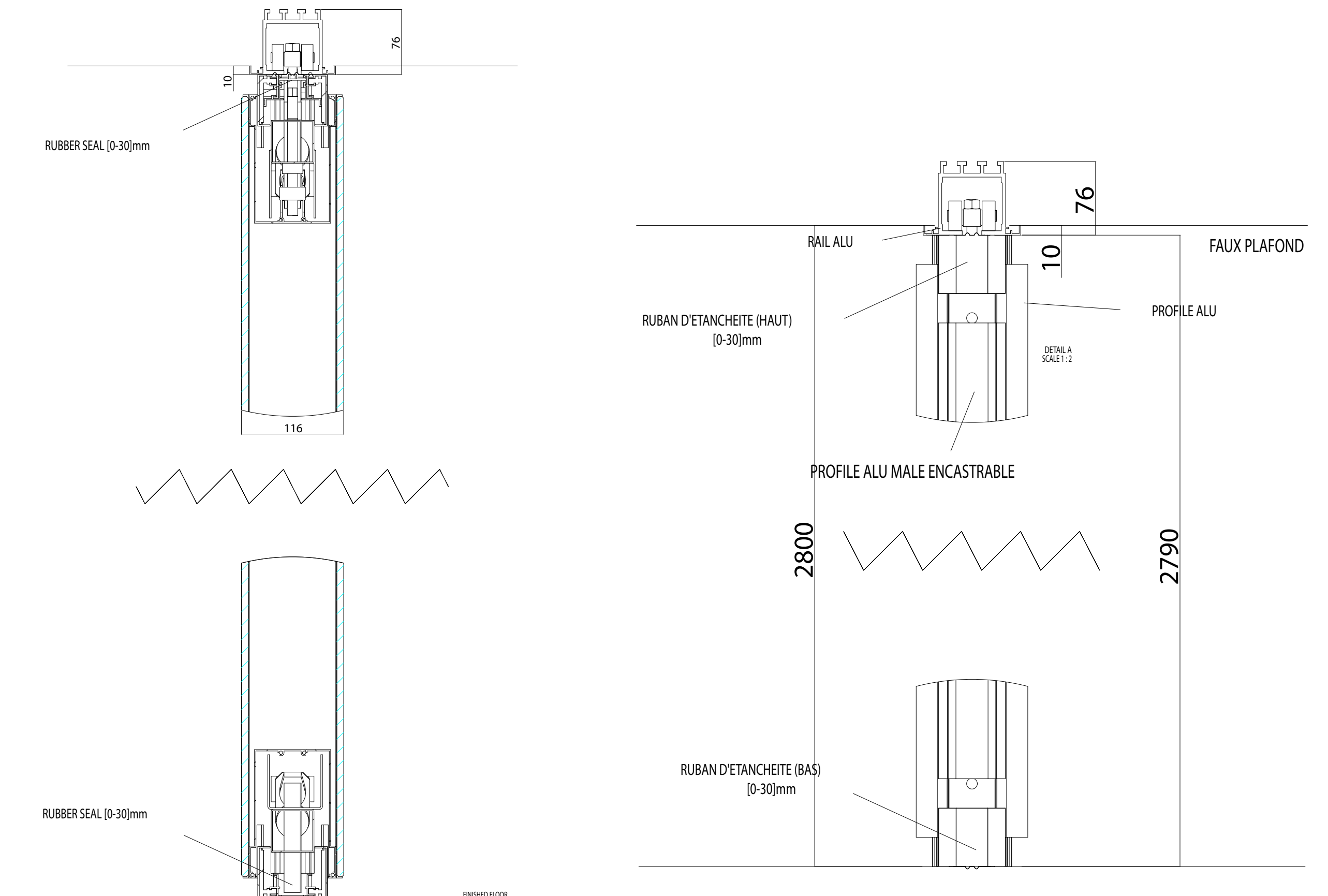
It works especially well in meeting rooms, hospitality spaces, and flexible environments where the opening must remain elegant in both the open and closed conditions.

TRACK TYPE	CAPACITY	PANEL OPTIONS
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Uni-Directional

358kg/panel

Standard, Telescopic, Inset Passdoors

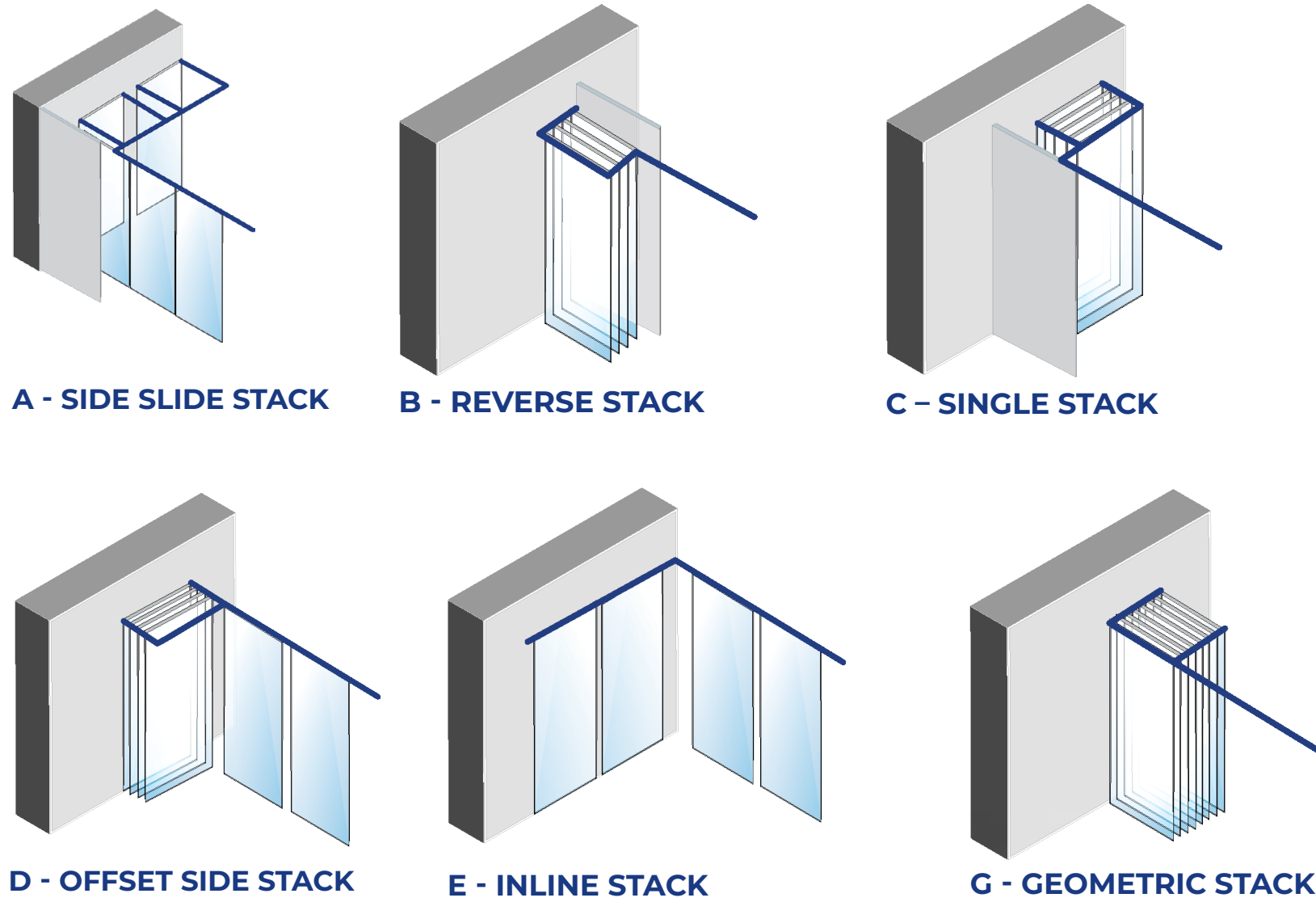


# STACKING OPTIONS

## MAIN STACKING SYSTEM

Systems allow panels to travel, fold, and park in multiple ways depending on the opening, traffic pattern, and storage location required within the space.

### CONFIGURATIONS

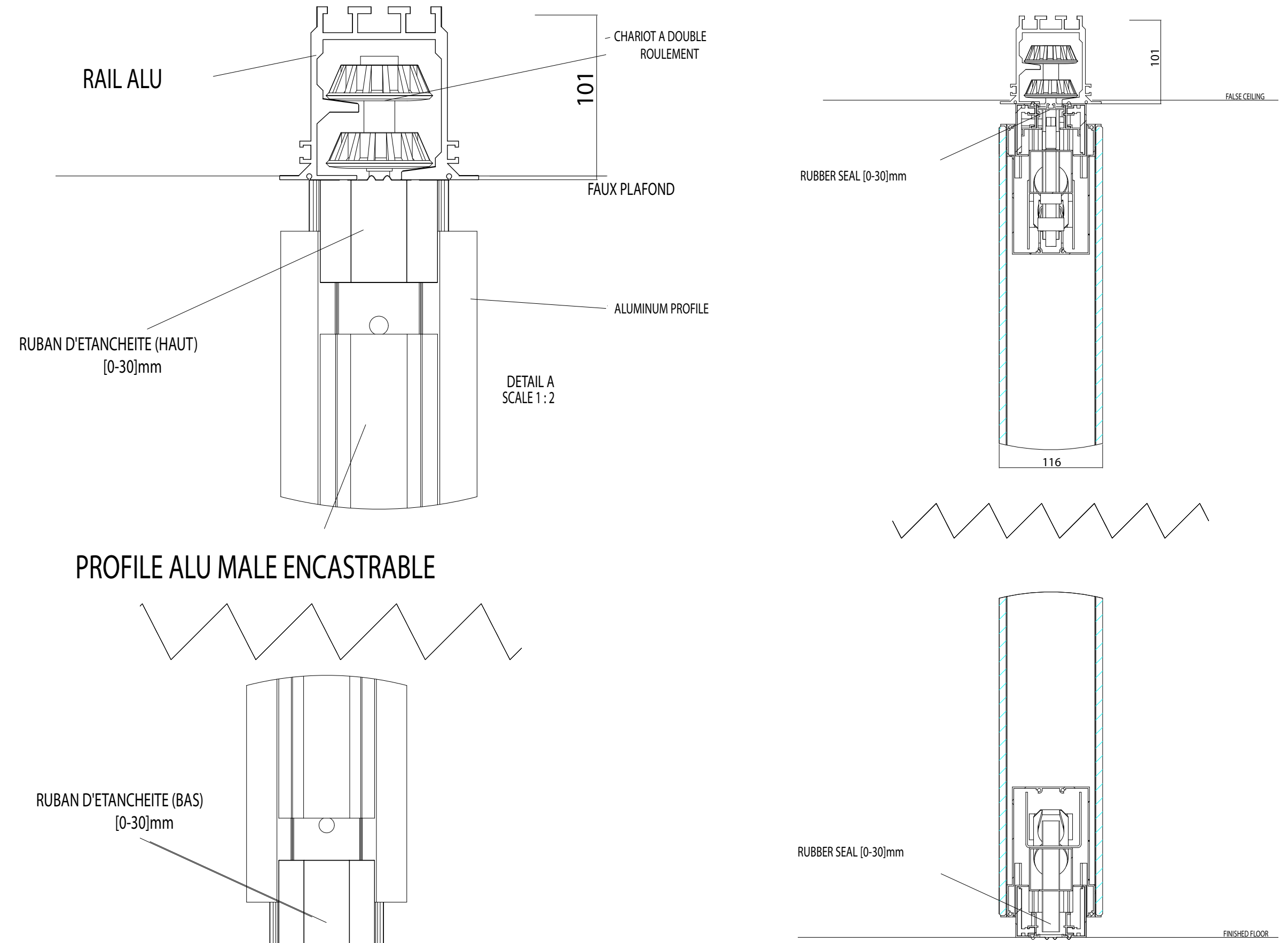


TRACK TYPE	CAPACITY	PANEL OPTIONS
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Multi-Directional

453kg/panel

All Panels



# DOOR HARDWARE

Durable architectural hardware solution designed for door applications, offering reliable performance, clean aesthetics, and compatibility with modern interior systems. It is engineered to support functionality, accessibility, and long-term use in high-traffic environments.

## RECESSED HANDLE

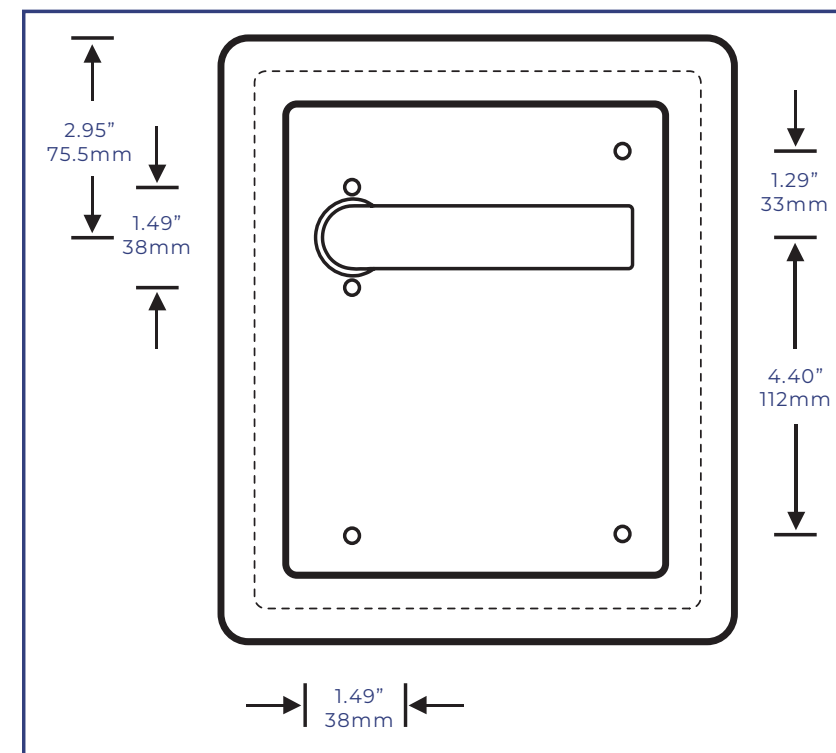
- ADA Compliant
- Standard on all NIMBUS doors.
- Stainless steel handle designed for flush surfaces.
- Can be specified for locking or non-locking

versions depending on project requirements.

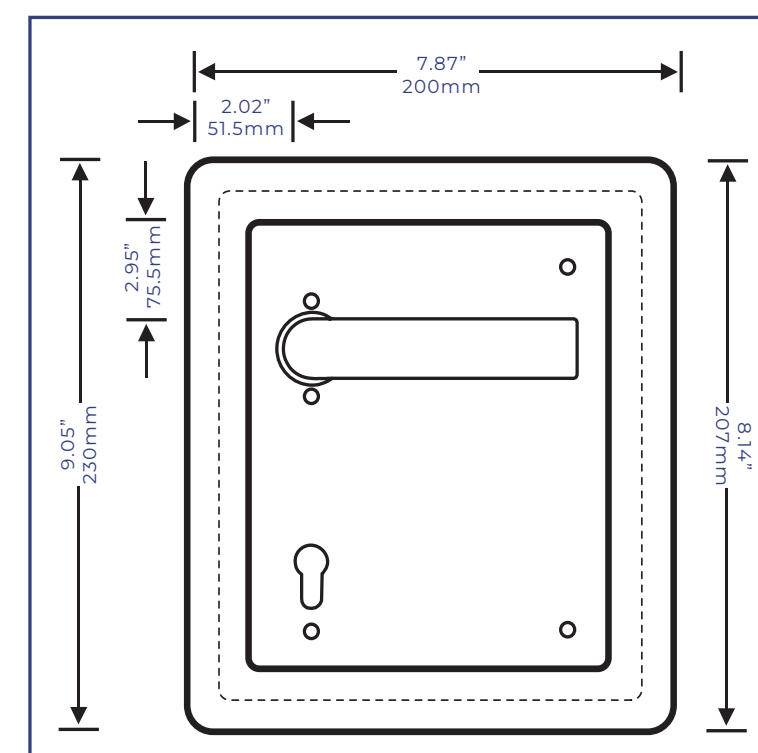
## CONCEALED HINGES

- Hinges are completely concealed when doors are closed.

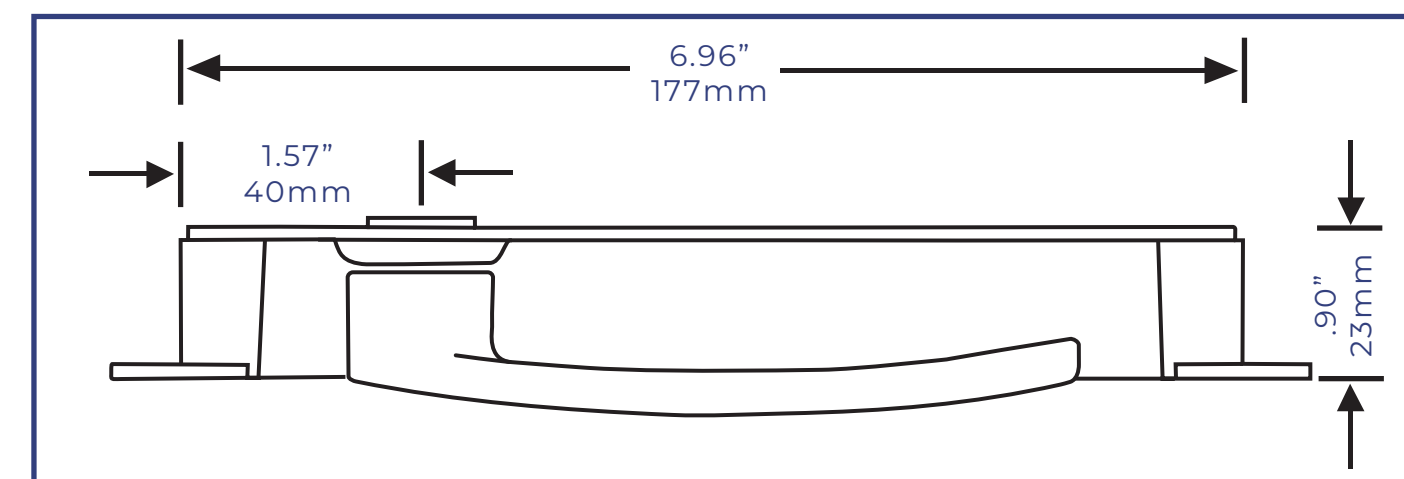
RECESSED HANDLE - NON LOCKING



RECESSED HANDLE - LOCKING



RECESSED HANDLE



# FINISHES

## Glass



6MM GLASS

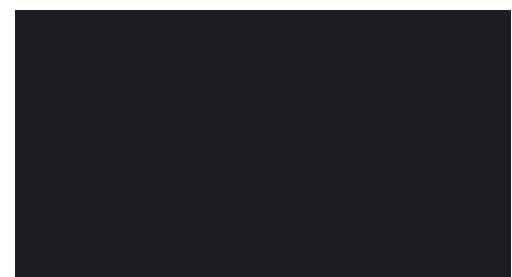


RAL 9010  
Pure White

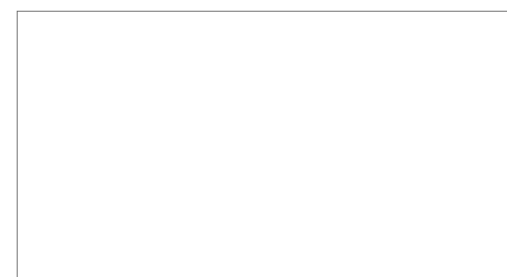


RAL 9005  
Black

## Powder Coating



RAL 9005  
Jet Black  
(textured)



RAL 9010  
Pure White  
(textured)

## Custom RAL



Custom RAL

**Note:**

*Other profiles and custom finishes upon request.*

# NIMBUS

## TECHICAL DATA CHART

### HEAD OFFICE

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		GLAZED PANEL		TELESCOPIC		MIX		SINGLE INSET PASSDOOR		DOUBLE INSET PASSDOOR		FULL-HEIGHT PASSDOOR	
Dimensions	Thickness in mm	116	120	116	120	116	122	116	120	116	120	116	120
	Width in mm	800 - 1300		800 - 1300		800 - 1300		1200 / 1250 / 1300		2302		1010	
	Clear Opening Width in mm							765 / 815 / 865				815	
	Height in mm (Max.)	4500**		4500**		6000**		4500		4500		3300	
Construction	Aluminium Profiles												
	Positive & Negative Aluminium Profiles	•		•		•		•		•		•	
Operation	Manual Deployment	•		•		•		•		•		•	
	Hybrid Deployment	•		•		•		•		•		•	
	Smart Deployment	•		•		•		•				•	
<b>Floor Track</b>													
Technical Features	Soundproofing to ISO 10140-2:2010*	Rw (dB)	Density (kg/m <sup>2</sup> ) 8mm	Rw (dB)	Density (kg/m <sup>2</sup> ) 8mm	Rw (dB)	Density (kg/m <sup>2</sup> ) 8mm	Rw (dB)	Density (kg/m <sup>2</sup> ) 8mm	Rw (dB)	Density (kg/m <sup>2</sup> ) 8mm	Rw (dB)	Density (kg/m <sup>2</sup> ) 8mm
		44	39	44	39	44	39	44	39	44	39	44	39
		49	48	49	48	49	48	49	48	49	48	49	48
Door Handles	Enclosed Handle							•		•		•	
	Pull Handle												
	Extra Handle							•		•		•	
Finishes	Powder Coating	•		•		•		•		•		•	
	HPL												
	MFC												
	MDF												
	Glass	•		•		•		•		•		•	
	Special Finishes	•		•		•		•		•		•	
Electrically Controlled Blinds		•		•		•		•		•		•	
Switchable Glass		•		•		•		•		•		•	
Frosted Glass		•		•		•		•		•		•	

\*Value obtained in a laboratory test in a controlled environment, in accordance with ISO 10140-2:2010 & ISO 717-1:2020.

\*\*For heights above 3300mm, panels have to be segmented.