

RS20/RS25 SERIES PREMIUM SLIM FRAME SLIDING DOOR SYSTEMS

renka
architectural glazing

RS20/RS25 SERIES | PREMIUM SLIM FRAME SLIDING DOOR SYSTEMS



Transform the look of your property with our premium aluminium sliding doors.

Sliding doors are often the dramatic centrepiece of the glazing on a property – showing the style and design of the owner and creating a lasting impression on those who see them.

As well as being secure and easy to use, the right sliding door will create a beautiful link between the inside and outside of your house, and will create your perfect window on the world.

Renka's breathtakingly beautiful slim sliding door range give you the view you've always dreamed of in a contemporary, well engineered and secure sliding door system.

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RS20



Renka's beautiful RS20 sliding doors give you the view you've always dreamed of in a contemporary thermally broken sliding door system.

As well as offering a stunning slim 20mm sightline where the panels meet, the system can offer panels up to 3 metres high and 2.5 metres wide. The system is designed to allow the top and bottom frames to be concealed as part of the build – giving a feeling of a “wall of glass”.

The RS20 is available in 2, 3, 4 and 6 panel configurations, allowing a maximum glazed area of 15 metres wide by 3 metres high.

The system can also offer a 90 degree moving corner configuration, where 2 sets of RS20 can slide away from each other to reveal a view without structural corner posts.

Features and benefits

- 20mm sightline
- Panels up to 3 metres high
- Moving panels up to 320kg
- uValues down to 1.3
- Moving corner & pocket door options
- Wide range of RAL colours
- Fully weather rated

Size Limits

- Maximum panel width 2500mm
- Maximum panel height 3000mm
- Maximum panel weight 320kg

Technical specification	
Threshold height	44mm
Glazing thickness	26 - 30mm
Glazing method	Structurally bonded
Minimum sightline	20mm
Frame depth	Twin track 116mm, Triple track 182mm
uValue	From 1.3
Air performance	Class 4
Water tightness	Class 7A
Wind resistance	Class C5
Maximum acoustic insulation	41 dB rW

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RS25

The RS25 redefines what can be achieved with sliding doors – offering maximum panels of up to 4 metres wide or 4 metres high. The system offers both manual and motorised variants which can move panels of up to 400kg (manual) or 700kg (motorised).

Despite the huge panels that the RS25 can support, the system has breathtakingly narrow 25mm sightlines – creating a virtually uninterrupted glass vista.

The RS25 can offer moving corner and pocket door applications as well as double and triple glazed glass units up to 52mm deep.

The RS25 allows you to conceal the top, bottom and outer side frames in the build – creating a “wall of glass” effect.



Features and benefits

- 25mm sightline
- Panels up to 4 metres high
- Manual moving panels up to 400kg
- Motorised option to 700kg
- Moving corner & pocket door options
- Wide range of RAL colours

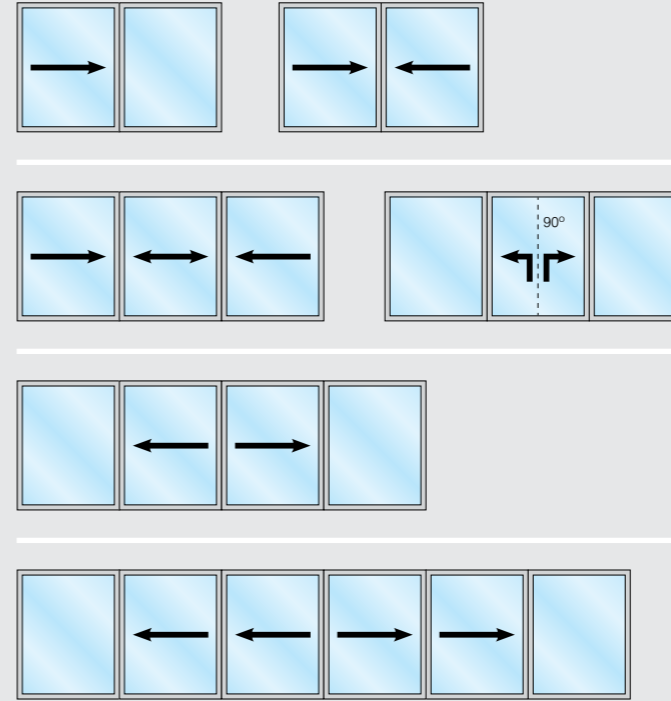
Technical specification	
Threshold height	58mm
Glazing thickness	30 - 54mm
Glazing method	Structurally bonded
Minimum sightline	25mm
Frame depth	Twin track 137mm, Triple track 277mm
uValue	From 0.7 (subject to dimensions & glass)
Air performance	Class 4
Water tightness	Class 7A
Wind resistance	Class C5
Maximum acoustic insulation	42 dB rW

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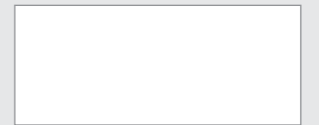
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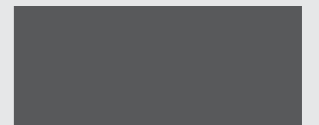
Popular door configurations



RAL 9005



RAL 9016



RAL 7016

Available in over 200 RAL colours – the above are our most popular

The RS20 and RS25 come in 2, 3, 4 and 6 panel variants.

Security handles and locks

Both the RS20 and RS25 have full height handles for ease of moving the doors. The lock has a sleek and elegant design and can be powder coated to match the colour of your frames.

RS20 Structural opening sizes (width)

		1 metre	1.4 metres	1.8 metres	2.2 metres	2.6 metres	3 metres	3.4 metres	3.8 metres	4.2 metres	4.6 metres	5 metres	5.4 metres	5.8 metres	6.2 metres	6.6 metres	7 metres	7.4 metres	7.8 metres	8.2 metres	8.6 metres	9 metres	9.4 metres	9.8 metres	10.2 metres	10.6 metres	11 metres	11.4 metres	11.8 metres	12.2 metres	12.6 metres	13 metres	13.4 metres	13.8 metres	14.2 metres	14.6 metres	15 metres			
Number of panels	2 panel			○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	3 panel			○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	4 panel																																							
	6 panel																																							

Opening sizes

The RS25 offers the opportunity for taller and wider sliding doors than the RS20. Speak to us about your project for more details.

- Small panel sizes
- Optimum panel sizes
- Large panel sizes

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All images are for illustrative purposes only. Contact Renka for dimensions, configuration and colour options.
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or outside of office hours (by appointment only)