

REHAU AGILA SLIDING DOOR

System Description

MODERN TRADITIONALISM




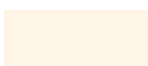




REHAU AGILA Sliding Door

The REHAU Agila Sliding Door provides a variety of styles, maximising glazing and viewing areas whilst also maintaining versatility and an expansive range of sizes.

The REHAU AGILA Sliding Door offers a number of opening styles from two panes up to six, and with a maximum opening width of 5.6m and heights of up to 2.4m. Standard sliding doors with two panes allow a maximum opening width of 50%. With the AGILA triple track, three pane slider and opening size of 75% of the full width is possible.

Range of Colours

REHAU AGILA Sliding Door is available in white and a range of woodgrain laminate options as follows:

	Mahogany		Irish Oak
	Rosewood		Clotted Cream
	Golden Oak		Anthracite Grey
	Simply White		Black Brown

A further range of woodgrain and solid colour laminate options are available on special order.

Ancillaries

All ancillary profiles are compatible across the entire REHAU TOTAL70 range for a total solution with limited stock holding requirements.

Hardware

REHAU offers a complete solution with bespoke branded hardware including handles, rollers and locking mechanisms with up to 12 point locking and additional corner hooks for advanced security.

Material

REHAU window profiles are manufactured from high performance, weather-resistant and impact modified RAU PVC 1406. Our renowned high gloss profiles are extruded to CEN A standard and to BS EN 12608 requirements. REHAU has proven itself over fifty years of window system production to be one of the global market leaders in polymer manufacture.

Quality Assurance

REHAU profiles are subjected to the most stringent in-house quality controls incorporating a quality assurance system to BS EN/ISO 9001 ensuring consistency of quality.

Sound insulation

For windows and doors, the sound insulation largely depends on the glazing units used, in particular the variation of glass thickness and air space dimensions.

For example:

- Double glazing 4-12-4mm: 30dB
- Double glazing 6-12-4mm: 34dB

In general the thicker the glass pane the more sound proof the window will be.

Climatic Performance and Security

REHAU systems are tested to the highest levels of performance in all aspects and when it comes to weather performance the REHAU AGILA door system is no exception.

Thermal Performance

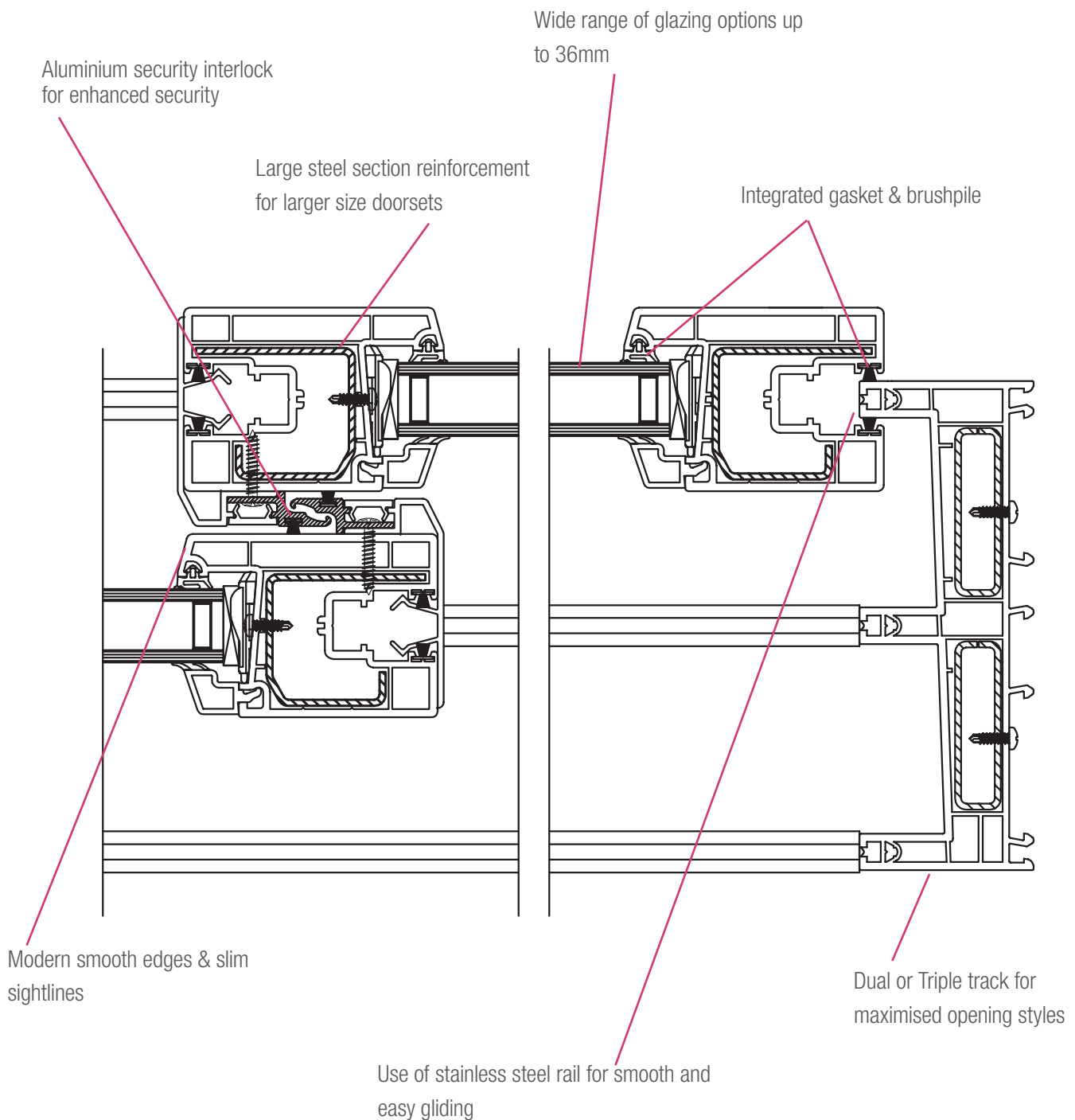
Although the AGILA Sliding Door has been designed with structural integrity in the forefront, this does not take away its excellent thermal performance. With standard, argon filled, double glazed units, the AGILA Sliding Door can easily achieve a Door Energy Rating of 'A'. To go further, the glazing units can be improved as the AGILA Sliding Door will accommodate up to 36mm triple glazed units for the maximum possible thermal performance.

BRFC Rating kWh/(m ² .yr)	Label Index	EDER Rating Scale	Door Rating
≥ 10	4	A+	A
0 to 10		A	
-10 to <0		B	
-20 to < -10		C	
-30 to < -20		D	
-50 to < -30		E	
< -50		F	

BRFC Rating =		
$218.6g_d - 68.5 \times (U_d + \text{Effective } L_{50}) =$		4.10
Climate Zone is:		UK
Thermal Transmittance W/(m ² .K)	U _{DOOR}	1.4
Solar Factor	g _{DOOR}	0.47
Door Air Leakage heat loss W/(m ² .K)	L FACTOR	0.01

INTEGRATION AND INNOVATION

REHAU AGILA Sliding Door



Other benefits

- Mechanical joint option available for ease of transportation and onsite manoeuvrability
- Clip in infill and tread plate section for all round finishing detail
- Bespoke REHAU designated hardware solution

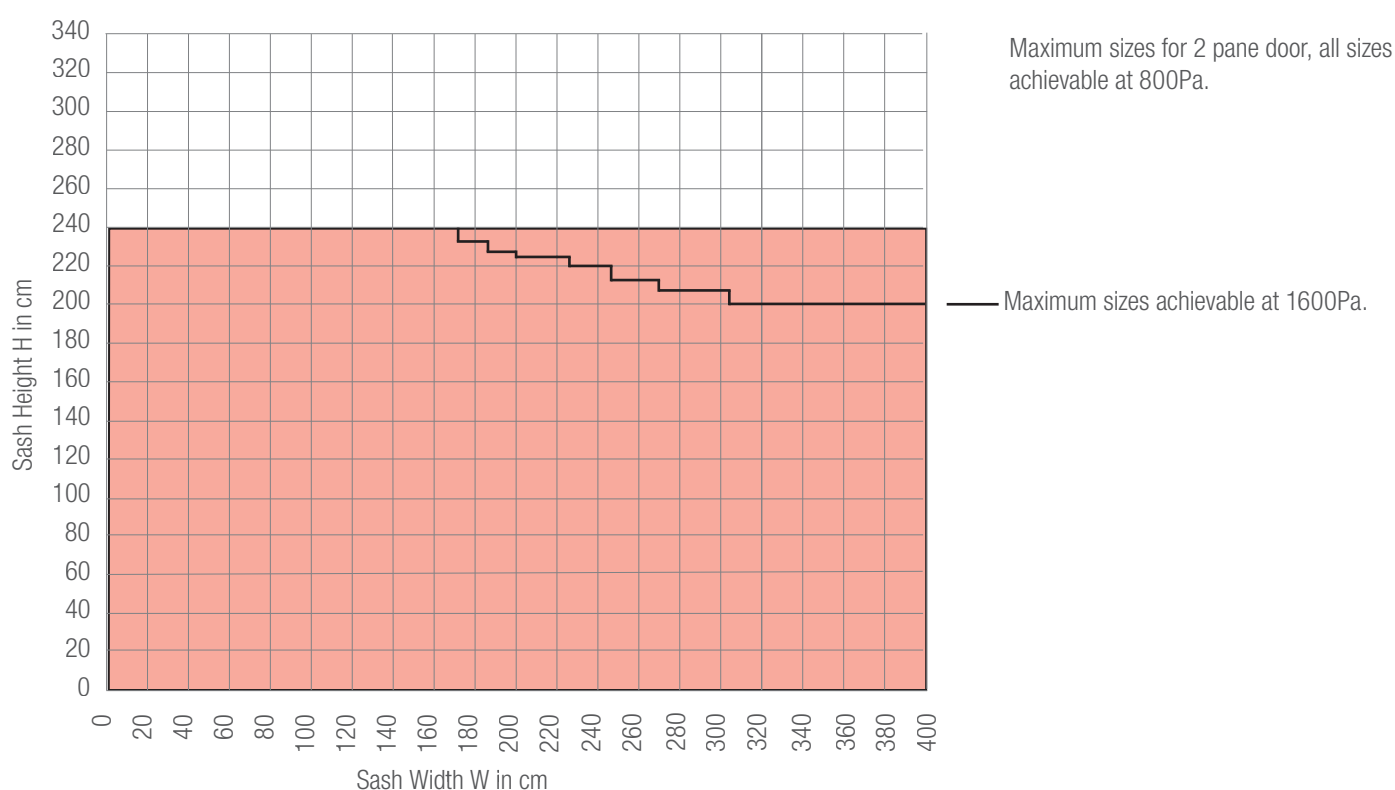
MINIMUM & MAXIMUM SIZES FOR ELEMENTS

REHAU AGILA Sliding Door

The minimum size of the sliding door is largely dependant on the hardware. The locking mechanism length will determine the minimum sash size.

The maximum size of a two pane patio is 4 metres wide allowing for a maximum single sash width of 2m and reaching a maximum height of 2.4m.

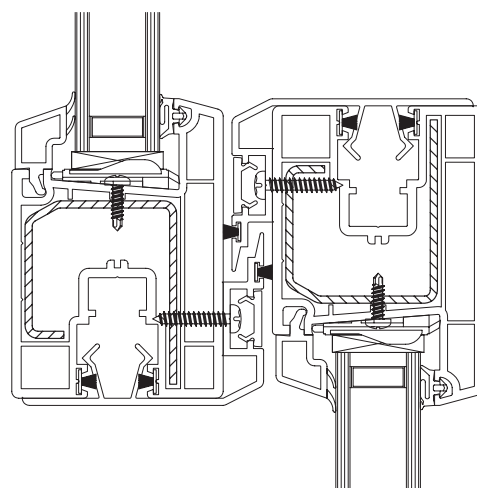
The maximum width of the triple track sliding door is 5.6m using only 3 sliding sashes, with a maximum height of 2.4m. The sliding door can hold a maximum of 90kg per roller.



Interlock Options

Interlock solutions available for all scenarios, depending on individual requirements.

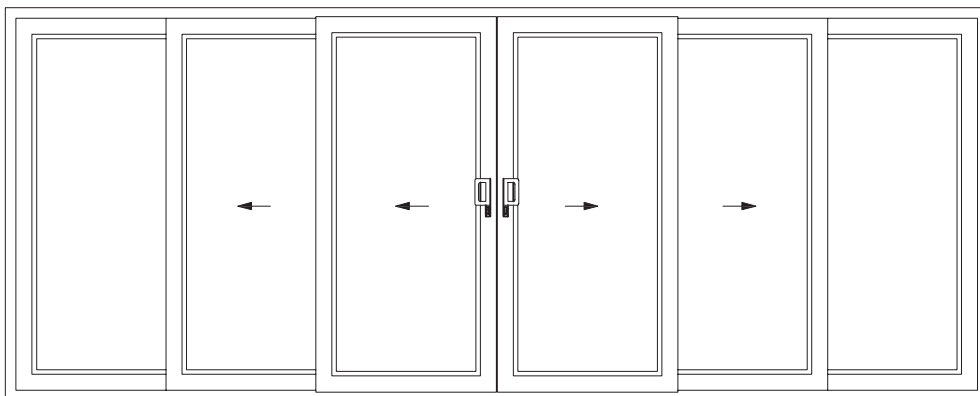
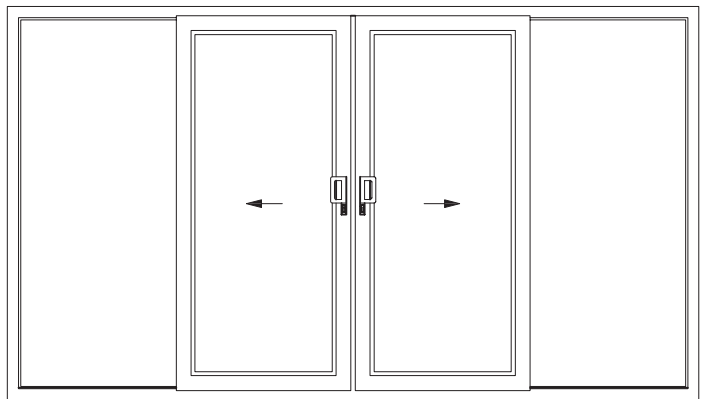
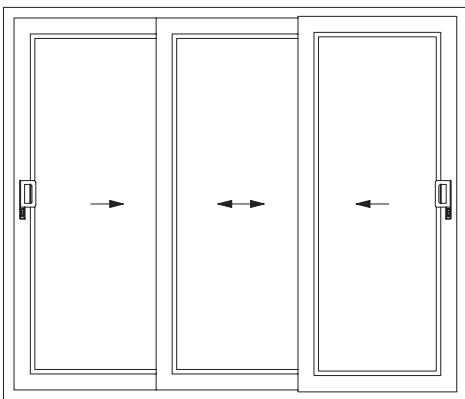
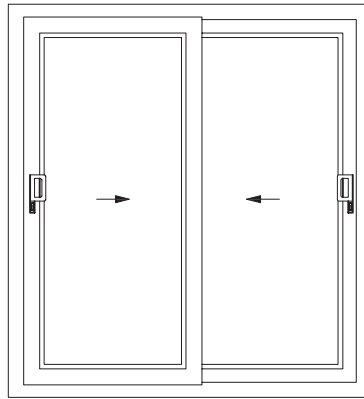
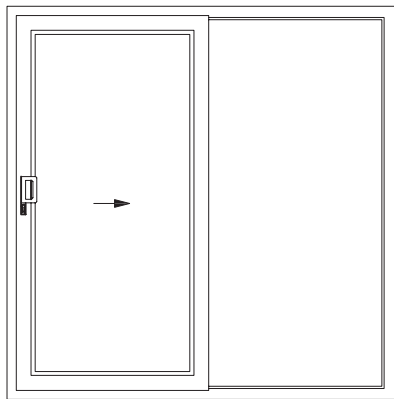
PVC, Aluminium/PVC and full Aluminium interlocks are available for differing requirements of security and size.



STYLES AND FUNCTIONALITY

REHAU AGILA Sliding Door

The flexibility of the system allows for a large number of sliding door combinations. The dual track can accommodate up to 4 sashes, whilst the triple track can create a “cinematic door” with large opening sizes and minimum profile for ultimate visual experience.



Main styles illustrated
Alternative configurations possible.

Get in touch...

For further information

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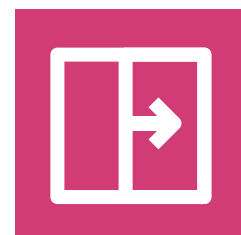


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