



## REHAU AGILA MULTI FOLD DOOR

### System Description

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# OUTSTANDING PERFORMANCE AND FLEXIBILITY

## REHAU AGILA Multi-Fold Door

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The REHAU Agila Multi-fold door offers a wide range of styles and combinations to suit the widest variety of door apertures with up to 7 opening sashes. The flexibility of the system means that the doors can open from either left, right or centre giving maximum versatility.

The 70mm Multi fold door system allows end users to maximise the potential for an opening to the outside world. With two outer frames to choose from, 72mm or 76mm, and a choice of 3 or 5 chambers, the door can be produced in a range of styles and configurations

A new top track running detail provides a securely located guide roller with integrated TOTAL 70 leg detail to allow for add on /extension profiles for frame venting.

### Glazing

Glazing thickness up to 44mm can be accommodated (double or triple glazing) however, to match the TOTAL70 Window range, 28mm is the more common option.

### Range of Colours

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



Mahogany



Rosewood



Golden Oak

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.

### Fittings

All modern standard fittings and hardware (including shootbolts, hook locks and 'dog' bolts) can be used and are available from various fitting suppliers.

### 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

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.

Unlike in-line folding sliding doors, the REHAU AGILA Multi-fold Door uses dual compressions seals meaning weather performance similar to that of standard residential doors.

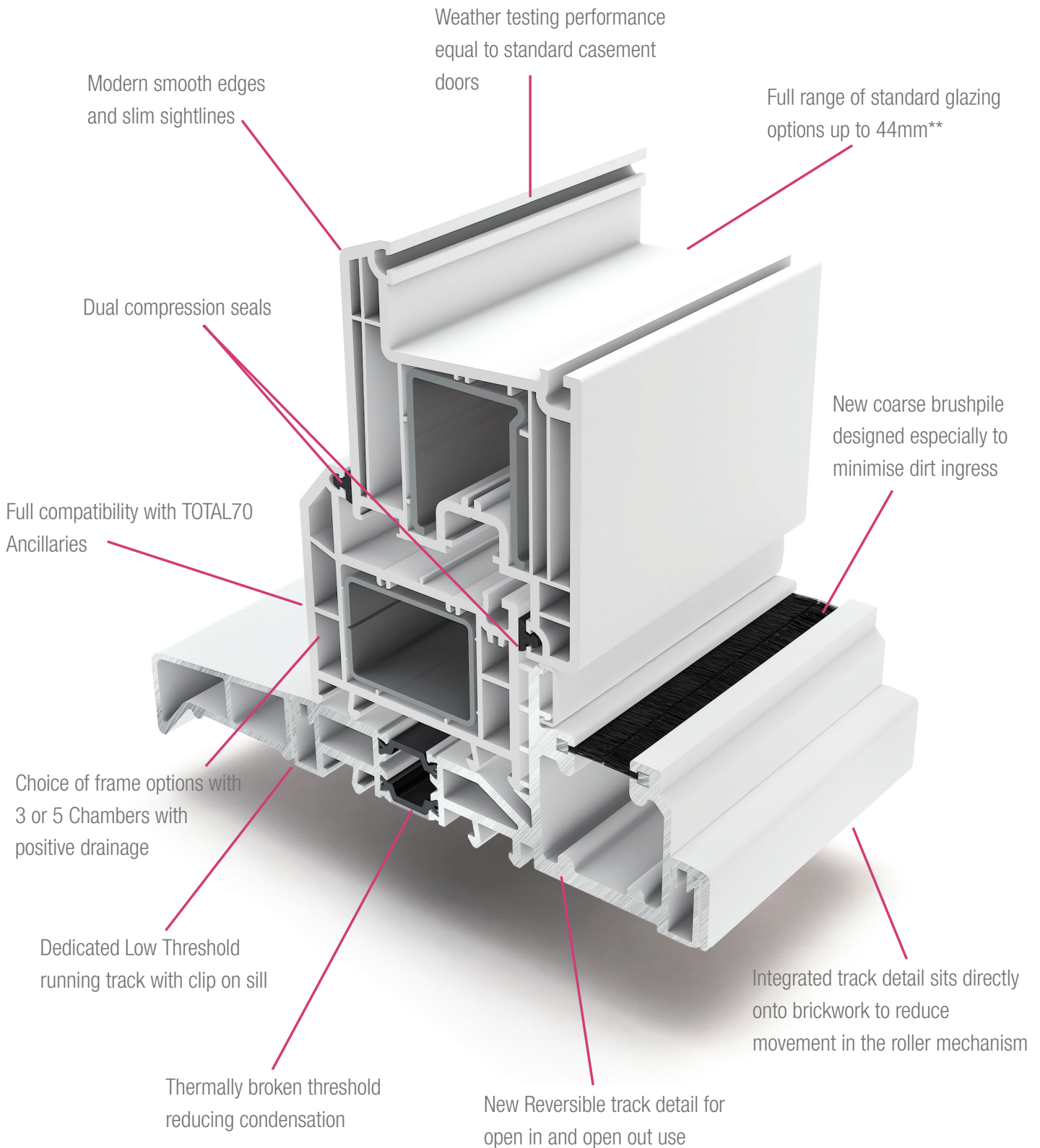


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# INTEGRATION AND INNOVATION

## REHAU AGILA Multi-Fold Door

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\*\* Weight restrictions may apply.

# STYLES AND CONFIGURATIONS

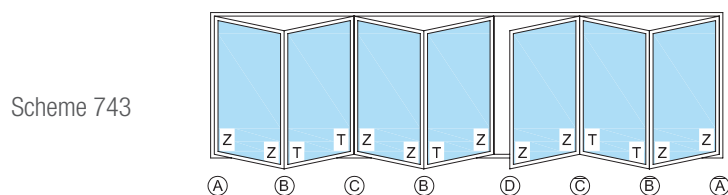
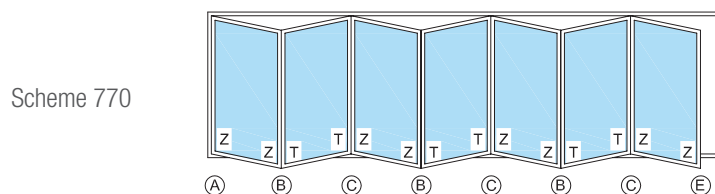
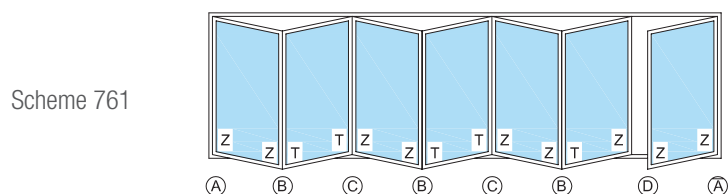
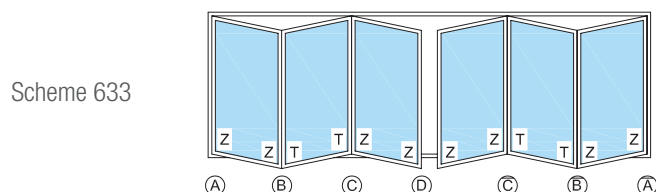
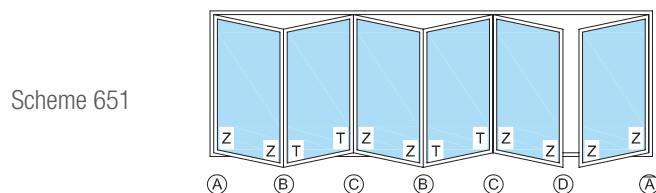
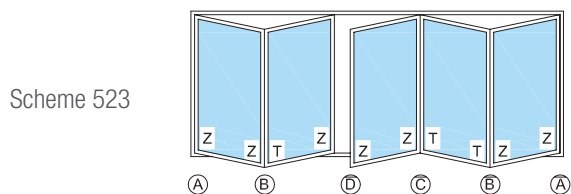
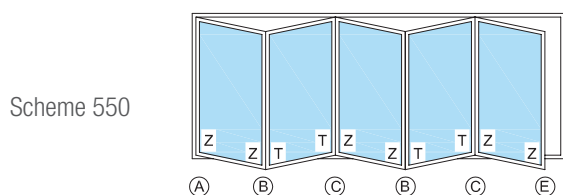
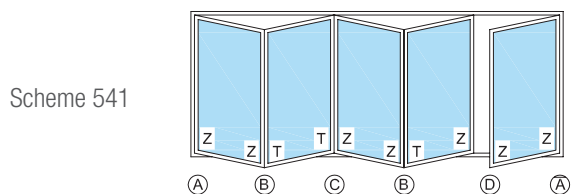
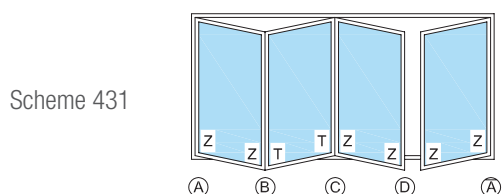
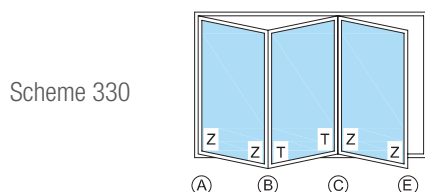
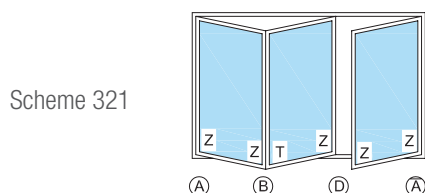
## REHAU AGILA Multi-Fold Door

### Multi-fold Layout/Schemes

<b>Scheme 321:</b> 2 Folding sashes 1 Main opening sash	<b>Scheme 431:</b> 3 Folding sashes 1 Main opening sash	<b>Scheme 541:</b> 4 Folding sashes 1 Main opening sash	<b>Scheme 651:</b> 5 Folding sashes 1 Main opening sash	<b>Scheme 770:</b> 7 Folding sashes 0 Main opening sash*	<b>Scheme 743:</b> 4 + 3 Folding sashes 0 Main opening sash*
<b>Scheme 330:</b> 3 Folding sashes 0 Main opening sash*	<b>Scheme 550:</b> 5 Folding sashes 0 Main opening sash*	<b>Scheme 523:</b> 3 + 2 Folding sashes 0 Main opening sash*	<b>Scheme 633:</b> 3 + 3 Folding sashes 0 Main opening sash*	<b>Scheme 761:</b> 6 Folding sashes 1 Main opening sash	

\* Provides no single traffic door.

The numbering of the doors is straight forward and represent the style of the door, known as Door Schemes and can have either 3,4,5,6 or 7 door sash options.



These schemes can be used either left or right handed


# MINIMUM & MAXIMUM SIZES FOR ELEMENTS


## REHAU AGILA Multi-Fold Door

Overall Minimum and Maximum sizes on 72mm & 76mm Multi-Fold Door Frames		
Sash sizes	Element (External)	Element (Internal)
Min. Sash Width : 330mm	Max width White: 4000mm	Max width White: 5000mm
Max. Sash Width : 900mm	Max. Width Coloured: 3000mm	Max. Width Coloured: 4000mm
Max. Weight : 80kg/sash	Max. Height White: 2300mm	Max. Height White: 2300mm
	Max. Height Coloured: 2200mm	Max. Height Coloured: 2200mm

Minimum and Maximum sizes on 72mm & 76mm Multi-Fold Door frames by scheme								
Scheme	Art. No. 546185				Art. No. 550680			
	Art. No. 550535		Art. No. 550085		Art. No. 550535		Art. No. 550085	
	min.	max.	min.	max.	min.	max.	min.	max.
321	1070	2780	1052	2762	1078	2788	1060	2770
330	1050	2760	1050	2760	1058	2768	1058	2768
431	1386	3666	1368	3634	1394	3674	1376	3642
541	1702	4552	1684	4532	1710	4560	1692	4540
550	1682	4532	1682	4534	1690	4540	1690	4542
523	1702	4552	1684	4534	1710	4560	1692	4542
651	2018	5438	2000	5420	2026	5446	2008	5428
633	2018	5438	2000	5420	2026	5446	2008	5428
761	2334	6324	2316	6306	2342	6332	2324	6314
770	2314	6304	2314	6304	2322	6312	2322	6312
743	2334	6324	2316	6306	2342	6332	2324	6314

### KEY:

 Oversize for coloured profiles >2500mm

 Oversize for coloured and white profiles >4000mm

All sizes in  
Millimetre  
[mm]



Please check all minimum and maximum dimensions with your hardware supplier.  
Minimum and Maximum sizes and deductions may vary with the choice of hardware.

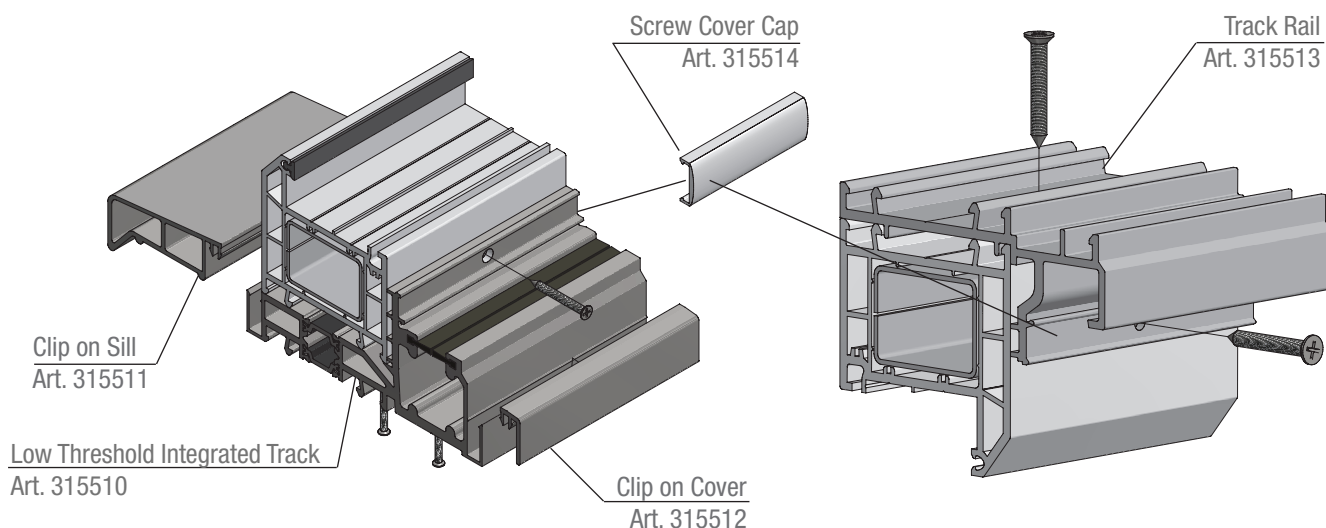
# LOW THRESHOLD DETAIL

## REHAU AGILA Multi-fold Door

The low threshold assembly should be screw fixed, fitting at a maximum of 500mm centres as shown below. Screws can be covered by the screw cover cap shown.

Low Threshold Track

Track Rail



Clip on sill and cover allows for reversible use of the track meaning internally and externally opening, and internal and external track running is easily achievable using the same compounds.



*\*Illustration shown from sample case*



Get in touch...

For further information

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**MULTI-FOLD**