



Architectural Information

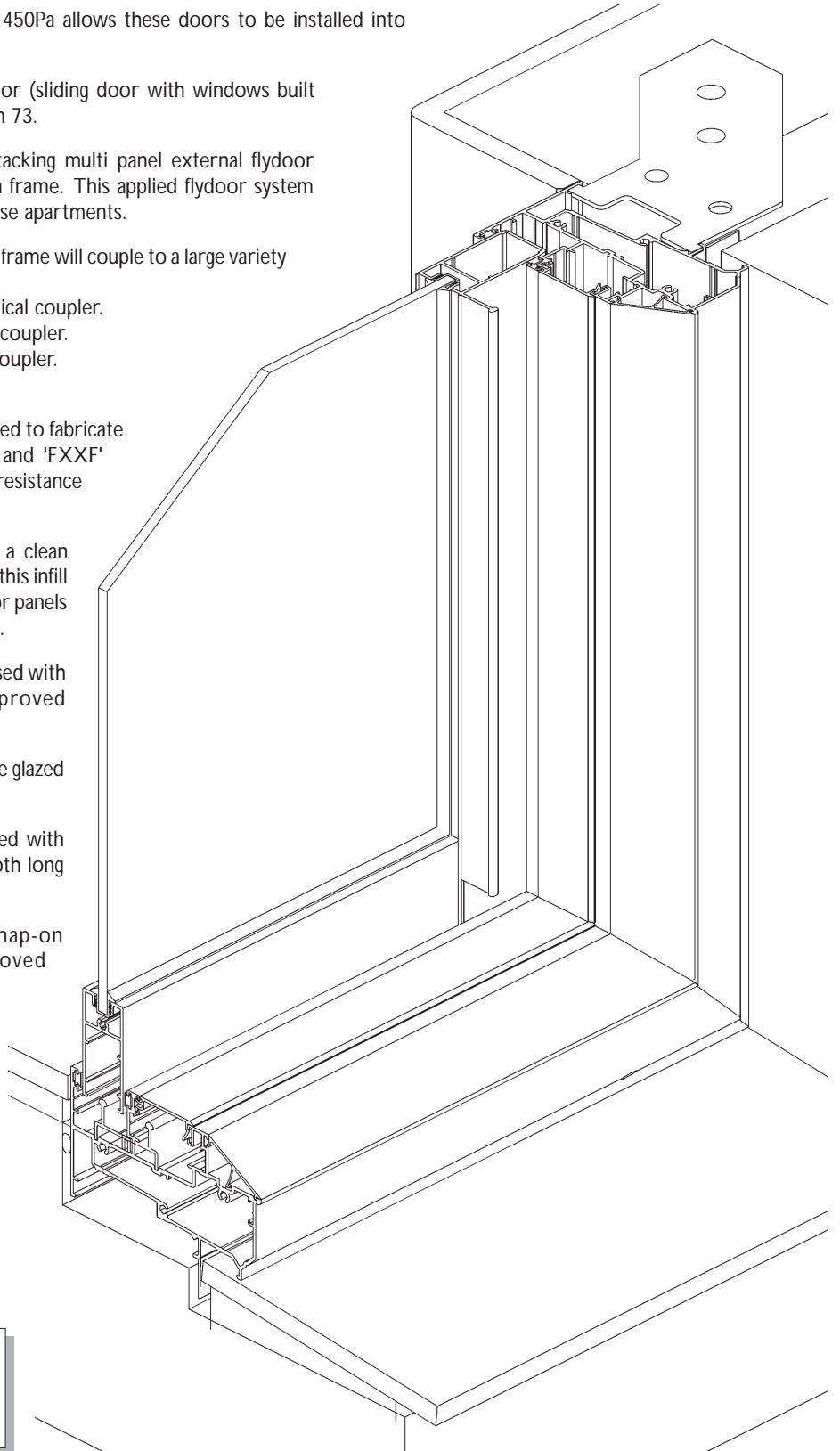
Series 543 DUO Sliding Door

Introduction

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Design Features

1. This high performance sliding door system has been designed to allow maximum openings up to 60% in types 'XXF', 'FXX' and 'FXXXF'.
2. Very high water resistance of 450Pa allows these doors to be installed into most high rise projects.
3. Also available as 'DX' type door (sliding door with windows built into the sidelight), refer section 73.
4. The accompanying optional stacking multi panel external flydoor system is screwed to the main frame. This applied flydoor system may not be required on high rise apartments.
5. The 101.60mm wide perimeter frame will couple to a large variety of Vantage adaptors :
 - 180° Door to window vertical coupler.
 - 135° Door to window bay coupler.
 - 90° Door to window bay coupler.
 - Door highlight couplers.
6. Series 543 frame can also be used to fabricate conventional type 'XF', 'FXF' and 'FXXF' doors where very high water resistance (450Pa) is required.
7. Splayed external filler creates a clean picture frame effect. On the sill this infill guides water away from the door panels for maximum water resistance.
8. Unused frame recesses are closed with snap-in flat fillers for improved appearance.
9. Doors and fixed sidelights can be glazed with thick or insulating glass.
10. Heavy door panels can be fitted with double bogey wheels for smooth long term operation.
11. Flydoors are fitted with snap-on interlocks again for improved appearance and labour saving.
12. WERS (Window Energy Rated System) tables are in section 04. Sound reduction ratings can be found in section 55.
13. For high performance or very large size doors refer 'SlideMASTER' Series 702, refer AWS Commercial.

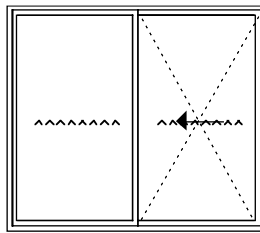
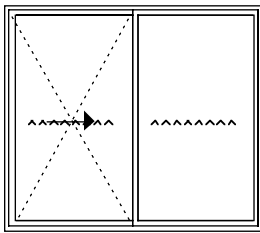


Most of the features on this product can be seen in full colour on our web site:
www.vantagealuminium.com.au

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Series 543 DUO Sliding Door

Standard Configurations

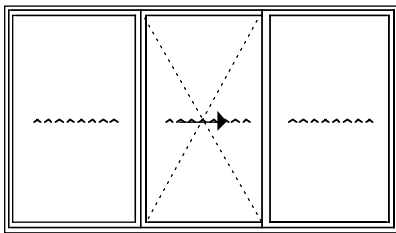


Type 'XF' & 'FX'

Single track door

Maximum height = 2400mm

Maximum width = 2710mm

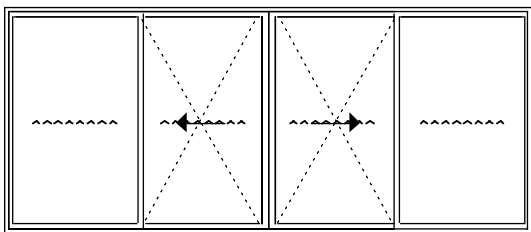


Type 'FXF', 'FFX' & 'XFF'

Single track door

Maximum height = 2400mm

Maximum width = 4000mm

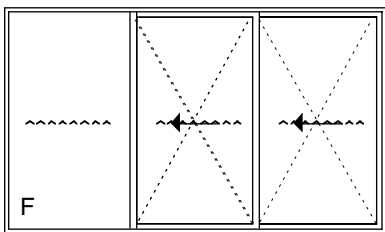


Type 'FXXF'

Single track door

Maximum height = 2400mm

Maximum width = 5300mm

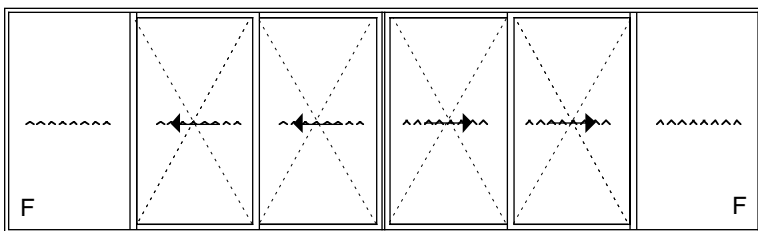


Type 'FXX' & 'XXF'

Dual track door

Maximum height = 2400mm

Maximum width = 4000mm



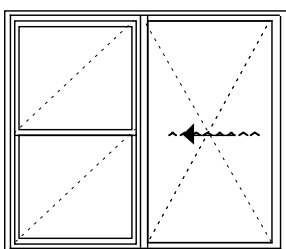
Type 'FXXXXF'

Dual track door

Maximum height = 2400mm

Maximum width = 6000mm

Alternative Doors with Window inlays

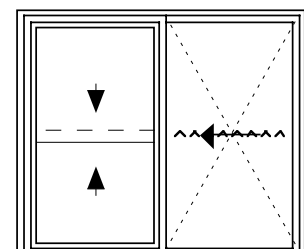


Type 'DX'

Double-hung inserted into sidelight in lieu of fixed panel, refer section 73.

Type 'CX'

ClearVENT™ sashless double-hung inserted into sidelight in lieu of fixed panel, refer section 74.



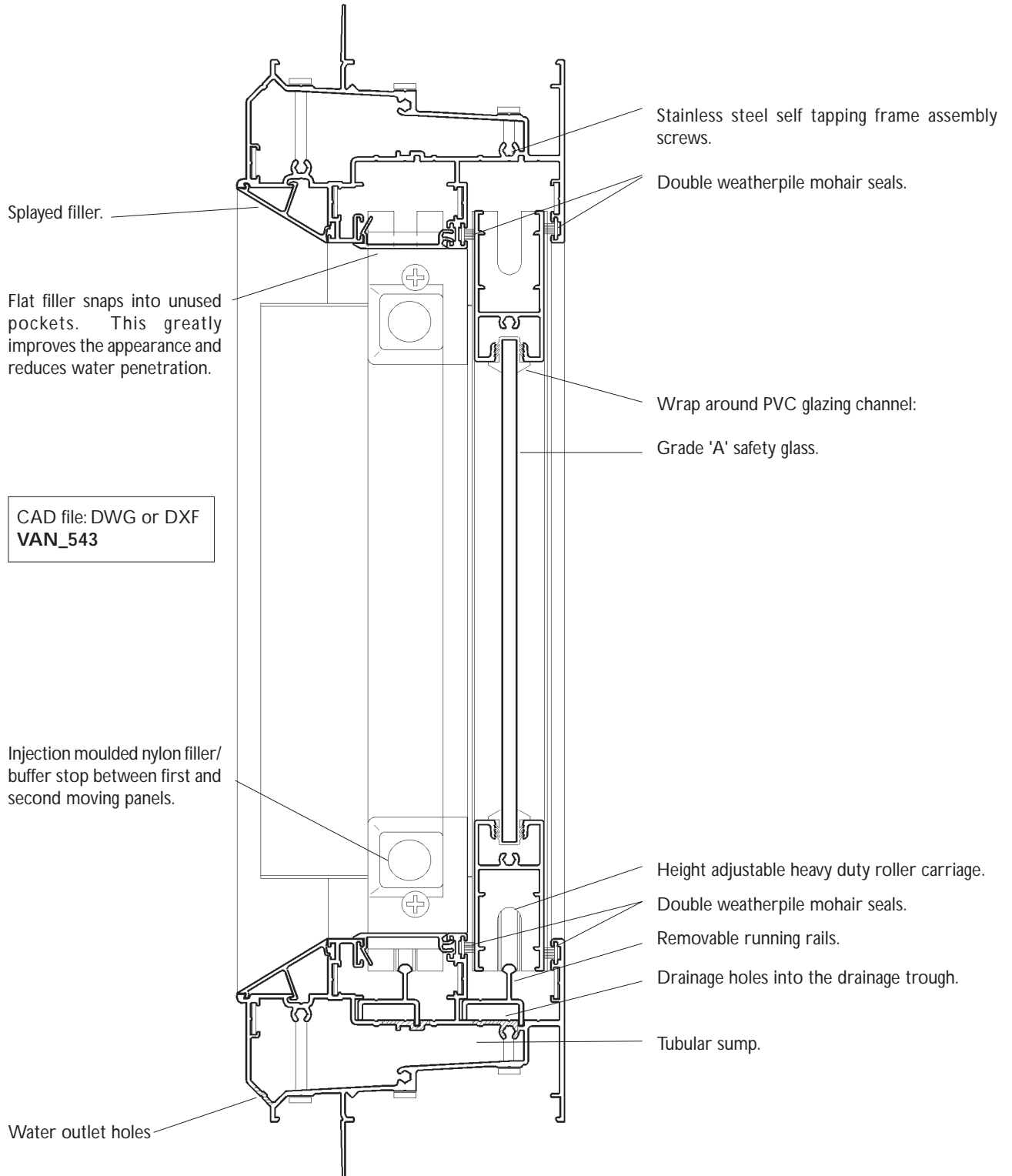


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Series 543 DUO Sliding Door

Vertical Cross Section

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Series 543 DUO Sliding Door

Horizontal Section through 'FXX' Multi Panel Door



Meeting Stile Strength

This table shows a range of serviceability ratings (1/150) that can be achieved:

type code	Height mm	Width mm	Meeting Stiles		
			Light	Medium	Heavy
XXF	2100	2700	692 Pa	1063 Pa	2030 Pa
XXF	2100	3000	633 Pa	972 Pa	1856 Pa
XXF	2100	3300	586 Pa	900 Pa	1719 Pa
XXF	2100	3600	548 Pa	842 Pa	1608 Pa
XXF	2100	3900	518 Pa	796 Pa	1520 Pa

The door has been successfully tested to 450Pa water resistance. This make the product suitable for exposed residential applications.

For other sizes/types refer full Pascal rating tables on web site or accompanying CD.

Alternative locks :

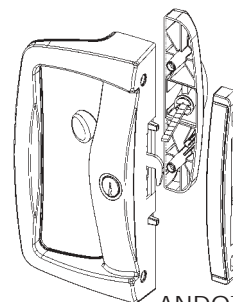
ANDO™ surface mounted single point deadlock.

ANDO™ surface mounted two point deadlock.

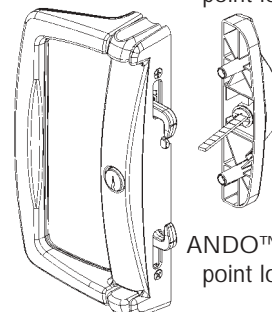
'Albany' mortice deadlocks two point deadlock.

Lock colours:

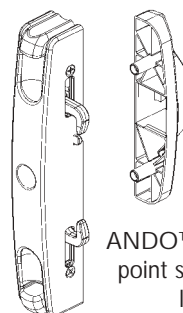
All of these locks come in a variety of standard powder coat finishes. Locks can also be supplied in a variety of metal finishes refer your local Vantage sales office or go to our web site.



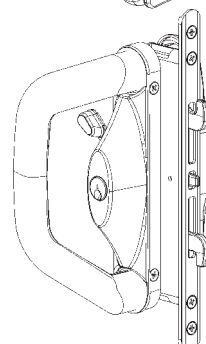
ANDO™ single point locking



ANDO™ two point locking



ANDO™ two point slimline locking



Albany mortice two point locking



Important Feature

Light and medium meeting stile combinations don't project inside past the frame line.

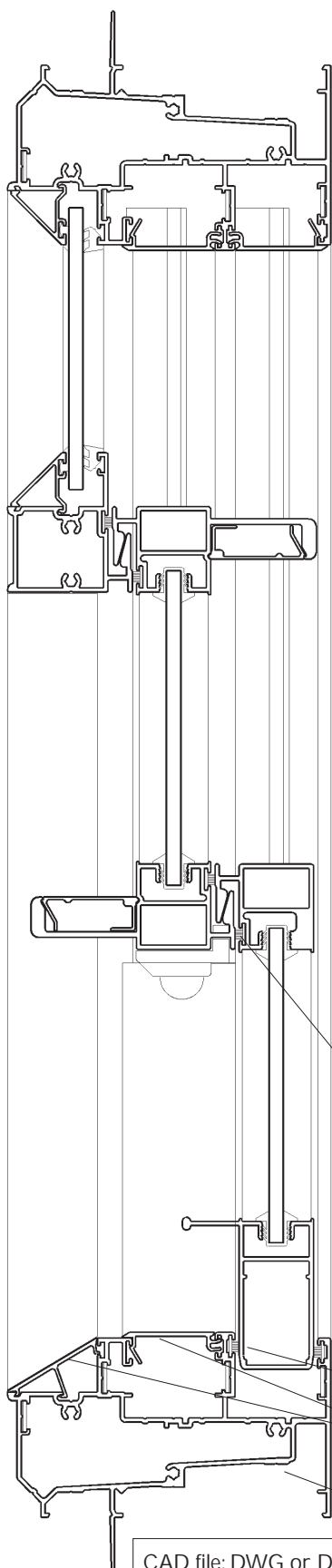
Double weatherpile mohair seals.

Vantage offer a variety of door locking options,

Double weatherpile mohair seals.

Extruded aluminium flat fillers close off these unused pockets.

Stainless steel self tapping frame assembly screws



CAD file: DWG or DXF
 VAN_543

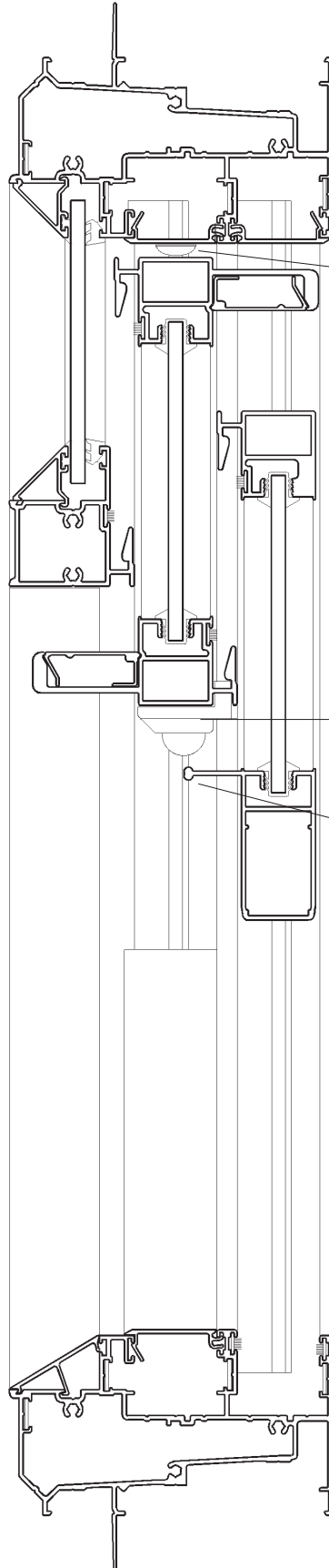


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Series 543 DUO Sliding Door

'FXX' Multi Panel Door in the Open Position

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Adhesive PVC door stop top and bottom, Part No. 94275.

Nylon door stop base PVC door stop fitted top and bottom of meeting stile.

The finger grip on lock stile is to add strength to this component in the open position. Particularly relevant on 2400mm high doors.

18mm approx.

Clear opening on 'FXX' door approx. 60% of O/A width

See a three panel DUO door open and close in full colour on our web site:
www.vantagealuminium.com.au

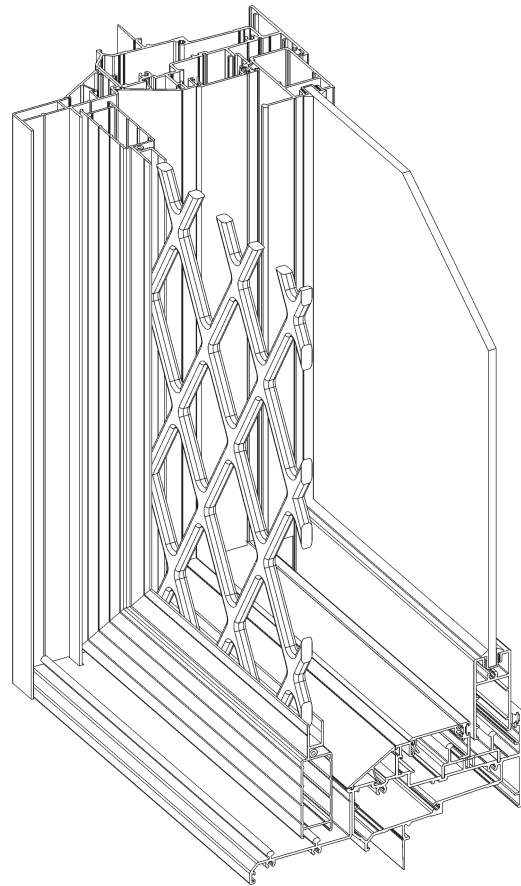
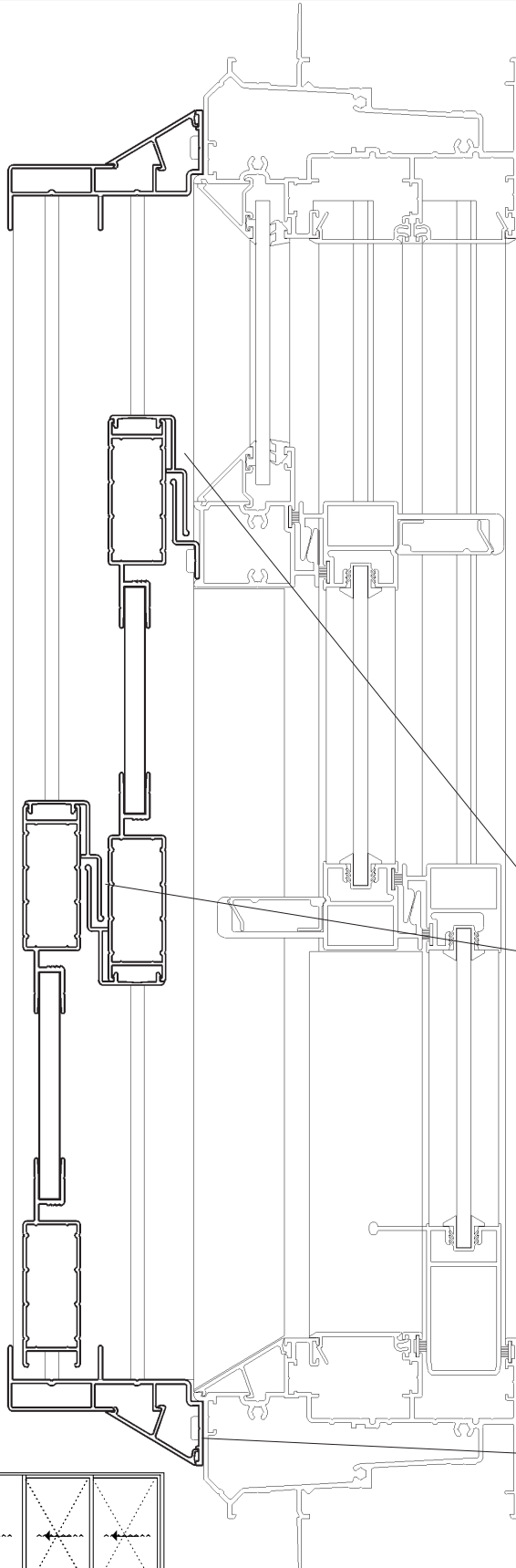
CAD file: DWG or DXF
VAN_543

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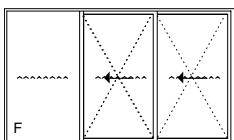
Horizontal Section through 'FXX' Multi Panel Flydoor



Vantage custom flydoors come with snap-on door interlocks.

Important Note:
If you plan to fit flydoors on units with the heavy meeting stile combination, fit the projecting stile to the inside as it will clash with the flydoor.

Vantage custom flydoor frame.



CAD file: DWG or DXF
VAN_543



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Series 543 DUO Sliding door internal view
(Not to scale)

