

Series 618
MAGNUM™ Sliding Door



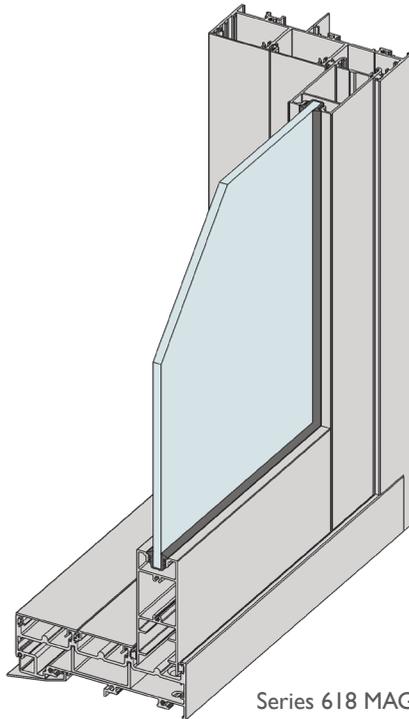
Photo courtesy of Portland Aluminium & Glass. Designer Form & Function Building Design. Builder Beasley Construction Pty Ltd



Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

KEY FEATURES / PERFORMANCE CHARACTERISTICS



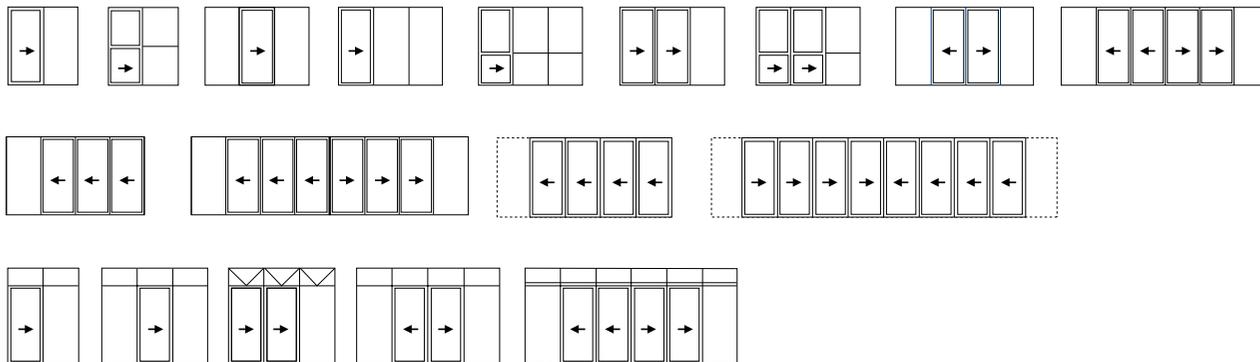
Series 618 MAGNUM™ Sliding door internal view (Not to scale)

- Designed to complement the MAGNUM™ window systems.
- Standard frame is 133mm wide and will snap to the 102mm wide MAGNUM™ window frames without unsightly screws or rivets.
- 44mm and 50mm high flat sills are ideal for recessing into floor.
- 44mm Jamb and head match the standard 44mm flat square sill.
- The 33mm thick stiles are ideal for extra large doors in high wind load areas. Full height doors (3000mm) remove the need for highlights in most applications. We have successfully tested 3000mm x 4000mm 'XXF' and 3000mm x 3000mm 'XF' doors for compliance with the relevant Australian Standards. Achieving very high water resistance, refer water rating requirements pages for performance details on both sills.
- Reinforced frame legs are designed to retain the door panels in high wind load areas and help us achieve the high ultimate ratings.
- The accompanying optional stacking multi-panel external flydoor system nests into the main frame. The custom screen door system is designed to complement the glass door.
- The high water resistance of 450Pa allows these doors to be installed into most residential projects.
- Meeting stiles fitted with custom end closers that restrict water turbulence under extreme conditions.
- Unused frame recesses are closed off with snap-in flat fillers for improved appearance and water resistance.
- 90° Corner opening door available.

Maximum Panel Height*	3000mm
Maximum Panel Width*	2000mm
Maximum Glass Thickness	≤ 24mm

* Subject to individual site conditions and wind loads. Contact AWS Technical Support for more information, e-mail techsupport@awsaustralia.com.au

TYPICAL CONFIGURATIONS



Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE



SOUND REDUCTION

A number of glass combinations have been tested in similar sliding doors.

Glass Description	Rw Value
6.5mm Vlam Hush	32 (0;-2)
10.5mm Vlam Hush	34 (0;-2)
6.5VLam Hush / 8Air / 5Toughened	35 (-1;-4)



WERS RATINGS

Single Glazed

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
5mm Clear	20%	18%	6.2	0.66	0.69	0.90
5mm Grey	35%	10%	6.2	0.49	0.39	0.90
5mm EverGreen	37%	9%	6.1	0.46	0.57	0.90
6.38mm Laminate	21%	17%	6.2	0.65	0.69	0.90
6.38mm Solace	39%	35%	4.4	0.54	0.63	0.90

Double Glazed

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
4Clr/10Gap/4Clr	37%	43%	4.0	0.59	0.62	0.90
4Clr/10Gap/4EA	43%	47%	3.4	0.55	0.57	0.90
4Clr/10Ar/4EA	44%	50%	3.1	0.56	0.57	0.90
4Az/10Gap/4EA	38%	41%	3.4	0.33	0.48	0.90
5Clr/8Gap/5Clr	43%	47%	4.1	0.58	0.62	0.90



2D & 3D CAD FILES AVAILABLE

GO TO: www.specifyaws.com.au
CAD file: DWG and PDF 618.SLD



MORE INFORMATION

For the latest updates regarding this product visit our website
www.specifyaws.com.au

HOW TO SPECIFY

SYSTEM NAME

Vantage Series 618 MAGNUM™
Sliding Door

FINISH

Powder Coat
Anodised

COLOUR

Select from the Vantage range of approved powder coat or anodising colours

GLASS

Specify thickness ≤ 24mm

Specify thermal performance where applicable (Uv & SHGC)

Specify acoustic performance where applicable (RW)

HARDWARE

Refer to hardware selection guide for compatible options



Specification Assistance

Need help specifying this product? email techsupport@awsaustralia.com.au and our qualified technical advisors will assist you with product selection and specification for your project.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

SPECIFIERS CHECKLIST

Not all sliding doors are the same. Sure they open and close and if you are lucky they will accept a flydoor that keeps bugs out - but if you want your sliding door to perform, keep the elements and the bugs on the outside where they belong and operate smoothly for years to come there are some things you should check/compare when choosing your supplier.

FEATURE	618	Opposition
Does the door comply with the relevant Australian Standards? All sliding doors should comply but it pays to ask for written proof.	YES	
Standard sliding door sill has a high water rating of 300 Pa	YES	
Very exposed installations can be upgraded to an even higher 450 Pa water rating	YES	
Multiple stackers We offer numerous door configurations including multiple stacking options. Recessed doors are also available including types 'XX', 'XXX' and 'XXXX', 'XXXX XXXX'	YES	
Clean frame lines All unwanted frame recesses are closed off with flat fillers inside and out. Minimal sill recess and also minimal visible sill drain holes improve visual appearance. Both frame and panels are clean and square. Tall bottom rail standard on MAGNUM™ door panels.	YES	
Recess sill option With a flat sill design we can offer a completely recessed sill detail, shown on later page.	YES	
Numerous glazing options Single glazing from 4mm to 10.38mm thick. 20mm Insulating glass units.	YES	
ClearVENT™ sashless double-hung insert available Fixed sidelights will accept sashless double-hung insert.	YES	
Optional midrails Single glazed doors and sidelights will accept 57mm or 90mm deep midrails. We can also fit ClearVENT™ sashless double-hung insert over midrails.	YES	
Matching screen door Optional screen frame nests onto main frame, secretly fixed - not a tack on frame, Sightlines have been matched up on screen and glass doors. Square screen door joinery to match glass door. Screen door can be supplied with stainless steel mesh.	YES	
MAGNUM™ Sliding doors can be fitted with Centor S4 retractable screens.	YES	
Strong panels We have designed this door for very exposed locations with clean stiles.	YES	
Numerous locking options including mortice locks We offer a large variety of surface mounted locks including twin locking tongues . For the ultimate finish we also have mortice locks with raised 316 stainless steel pull handles or recess finger pulls.	YES	
Stainless steel lock furniture For the ultimate finish the twin locking ANDO™, MIRO™ and ICON™ mortice lock furniture is available in marine grade 316 stainless steel.	YES	
Sliding doors can be coupled to windows without visible rivets.	YES	

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

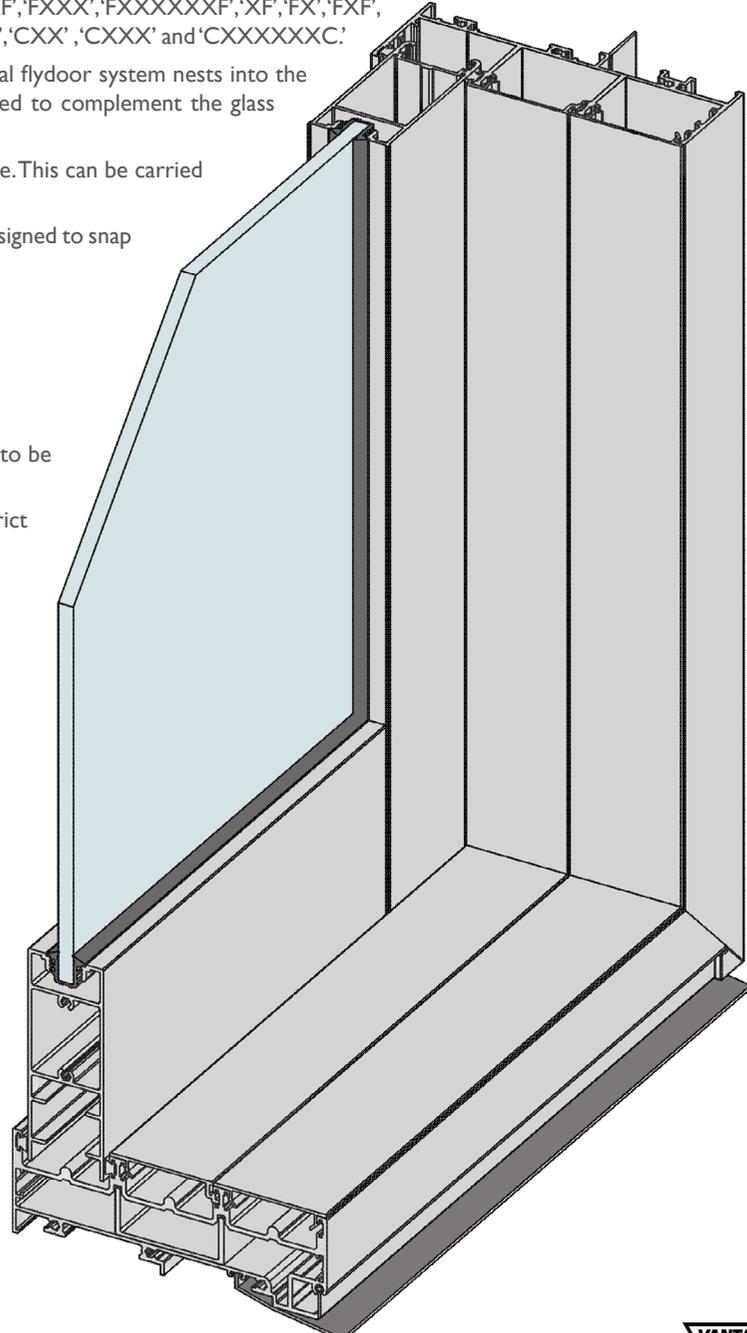
DESIGN FEATURES

This sliding door has been designed to complement the MAGNUM™ window systems. The standard frame is 133mm wide and will snap to the 102mm wide MAGNUM™ window frames without unsightly visible screws or rivets, details on these couplers are illustrated later in these notes. Frame assembly can be square cut or mitred.

- The 44mm and 50mm high flat sills are ideal for recessing into the floor.
- 44mm Jamb and head match the standard 44mm flat square sill.
- The 33mm thick stiles are ideal for extra large doors in high wind load areas. Full height doors (3000mm) remove the need for highlights in most applications. We have successfully tested 3000mm x 4000mm 'XXF' and 3000mm x 3000mm 'XF' doors for compliance with the relevant Australian Standards. Achieving very high water resistance, refer water rating requirements pages for performance details on both sills.
- Reinforced frame legs are designed to retain the door panels in high wind load areas and help us achieve the high ultimate ratings.
- Doors can be fabricated as 'XXF', 'FXX', 'FXXXXF', 'XXXXF', 'FXXX', 'FXXXXXXF', 'XF', 'FX', 'FXF', 'XFF', 'FFX', 'FXXF', 'XX', 'XXX', 'XXXX', 'XXXXXX', 'CX', 'CXX', 'CXXX' and 'CXXXXXXC'.
- The accompanying optional stacking multi panel external flydoor system nests into the main frame. The custom screen door system is designed to complement the glass door.

The flydoor frame is secretly screwed to the main frame. This can be carried out on site if required.

- The 133mm wide standard perimeter frame has been designed to snap to a large variety of Vantage adaptors including:
 - 180° Door to window vertical couplers.
 - 135° Door to window bay coupler.
 - 90° Door to window box coupler.
 - Heavy duty door highlight couplers.
- The high water resistance of 450Pa allows these doors to be installed into most residential projects.
- Meeting stiles fitted with custom end closers that restrict water turbulence under extreme conditions.
- Square flat faces inside and out.
- Unused frame recesses are closed off with snap-in flat fillers for improved appearance and water resistance.
- Standard door rails and stiles will accept glass up to 10.38mm thick or 24mm IGU's using the double glazing stiles and rails.
- Heavy door panels are fitted with double bogey wheels for smooth long term operation.
- The flydoor extrusions have been custom designed to match sliding door rail sight lines.
- Flydoors are fitted with snap-on interlocks again for improved appearance.
- Type 'XXF', 'XFF', 'XF', 'XXXXF', 'FXXX', 'XX', 'XXX' and 'XXXX' doors can be fitted with mortice locks including locks with recessed finger pulls as shown later in these notes.
- We also offer a large variety of surface locks.
- Fixed edge panel can be fitted with ClearVENT™ sashless double-hung inserts.



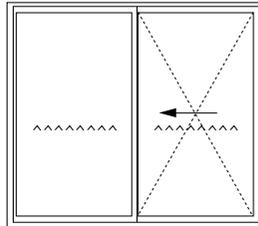
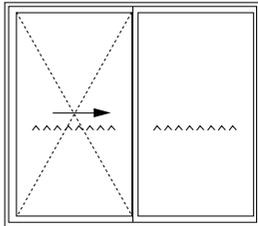
All of the important features are shown in full colour at: www.specifyaws.com.au



Series 618
MAGNUM™ Sliding Door

DATE: SEPT 21
 REPLACES: MAR 21
 SCALE: NOT TO SCALE

STANDARD CONFIGURATIONS

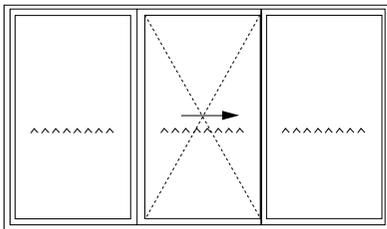


Type 'XF' & 'FX'

Single track door

Maximum height = 3000mm
 Maximum width = 3000mm

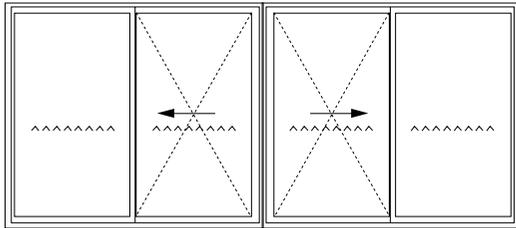
Maximum panel weight 105 Kg.



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

Single track door

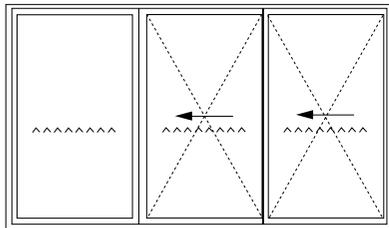
Maximum height = 3000mm
 Maximum width = 4500mm



Type 'FXXF'

Single track door

Maximum height = 3000mm
 Maximum width = 5900mm

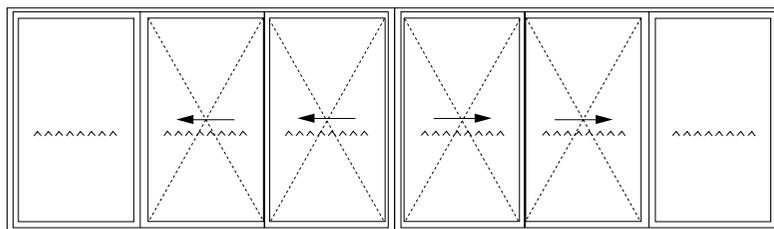


Type 'FXX' & 'XXF'

Double track door

Maximum height = 3000mm
 Maximum width = 4500mm

Maximum panel weight 105 Kg.



Type 'FXXXXF'

Double track door

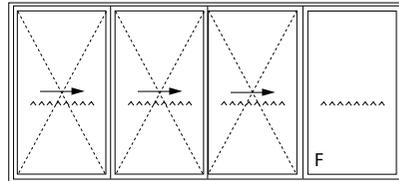
Maximum height = 3000mm
 Maximum width = 9000mm

Width limited by head and sill stock lengths

Series 618
MAGNUM™ Sliding Door

DATE: SEPT 21
 REPLACES: MAR 21
 SCALE: NOT TO SCALE

STANDARD CONFIGURATIONS

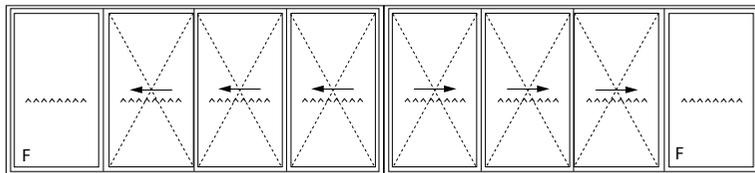


Type 'FXXX' & 'XXXF'

Triple track door

Maximum height = 3000mm
 Maximum width = 8000mm

Maximum panel weight 105 Kg.

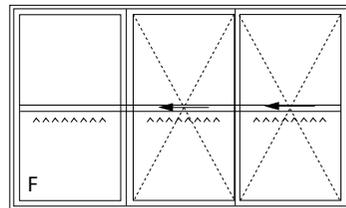


Type 'FXXXXXXF'

Triple track door

Maximum height = 3000mm
 Maximum width = 15500mm

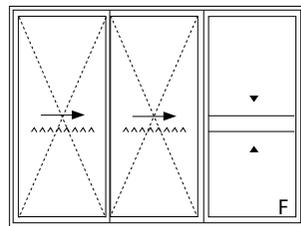
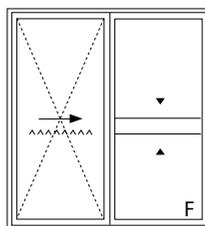
Note: Head and Sill would have to be spliced when width exceeds 6400mm.



Midrails through doors

We offer 57mm and 90mm deep midrails on the single glazed panels.

The ClearVENT™ sashless double-hung shown below can also be fitted over midrails.



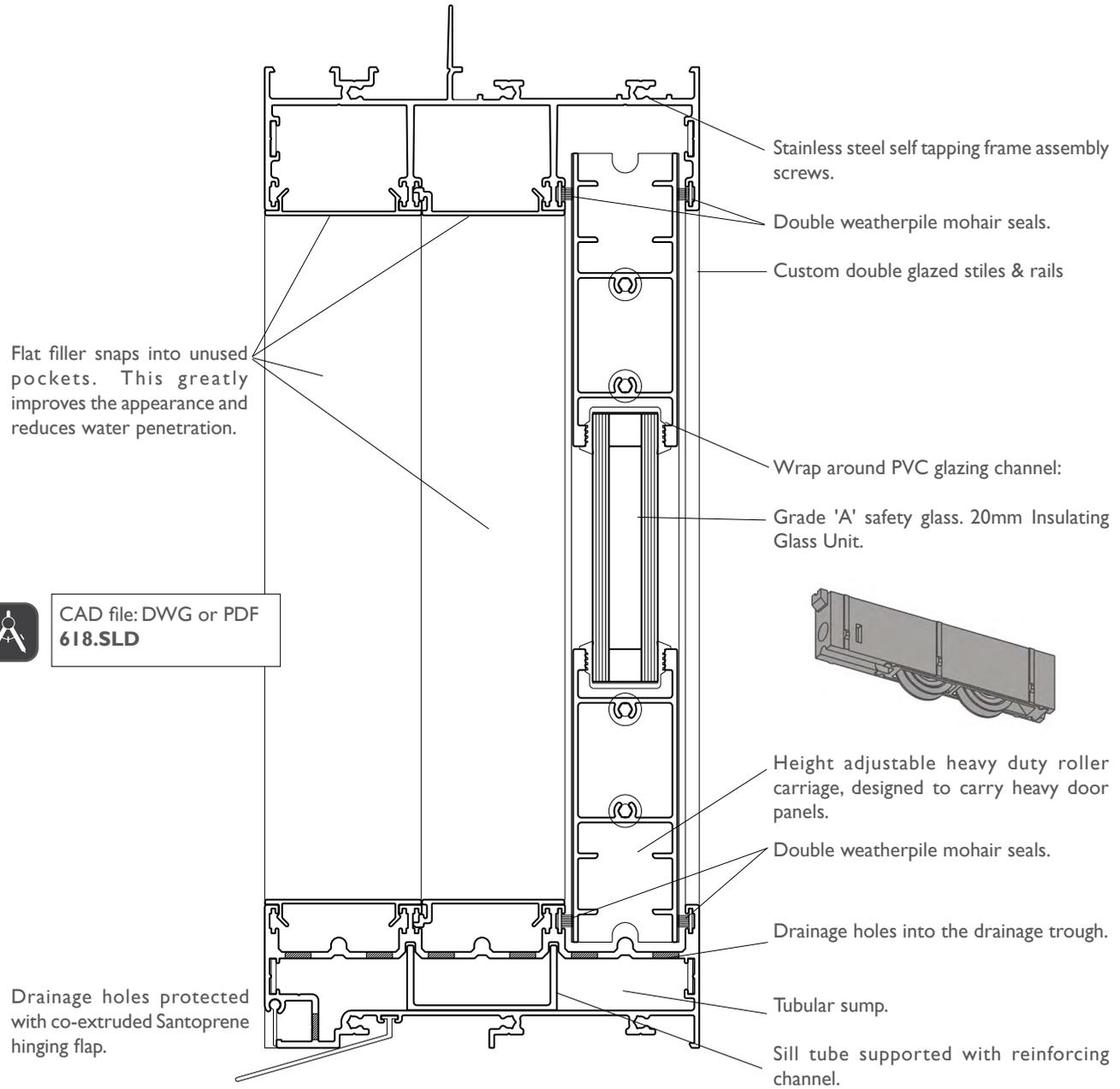
Type 'XC', 'XXC' & 'XXXC'

ClearVENT™ sashless double-hung inserted into fixed panel (sidelight)

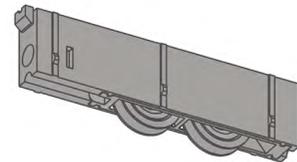
Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

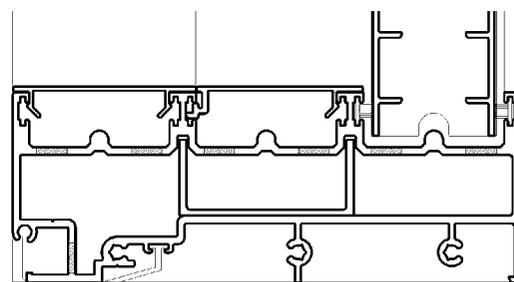
VERTICAL CROSS SECTION THROUGH 'XXF' DOOR - DOUBLE GLAZED



CAD file: DWG or PDF
618.SLD



133.50mm wide frame



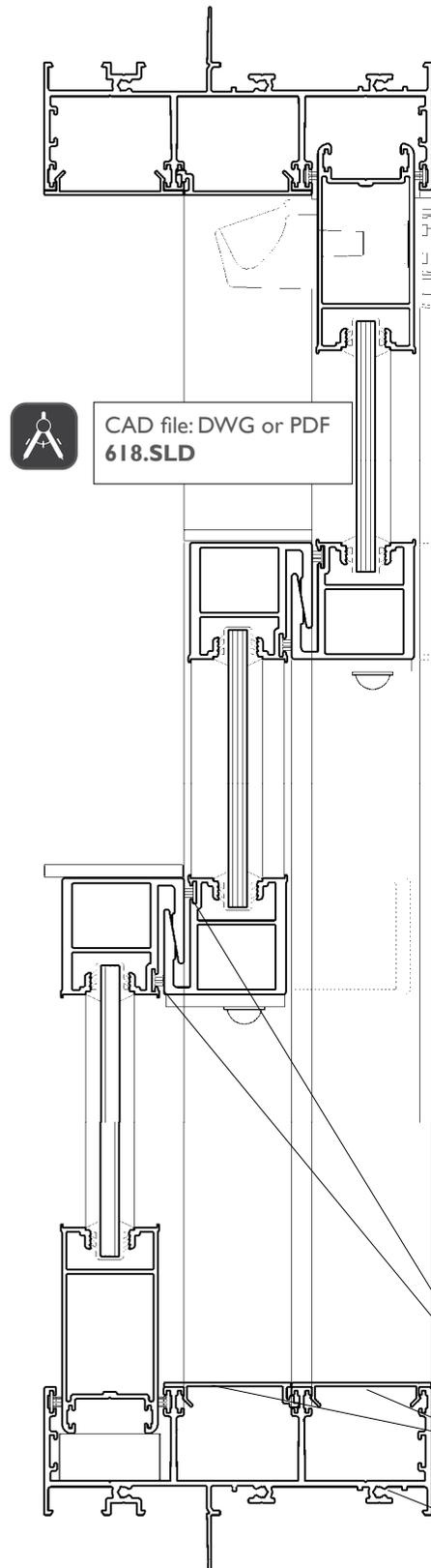
Standard 44mm high sill has been tested to resist 300Pa water.

The 50mm **performance sill** shown lower left has been tested to resist 450Pa water.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

HORIZONTAL SECTION THROUGH 'XXF' MULTI PANEL STACKING DOOR - SINGLE GLAZED



CAD file: DWG or PDF
618.SLD

Meeting Stile Strength

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

Type Code	Height mm	Width mm	Meeting Stiles	
			Light	Medium
XXF	2400	3400	748 Pa	2007 Pa
XXF	2400	3600	713 Pa	1909 Pa
XXF	2400	4000		1747 Pa
XXF	2400	4500		1595 Pa

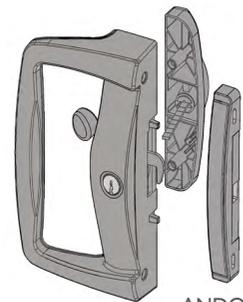
The door has been successfully tested to 450Pa water resistance. This makes the product suitable for exposed residential applications. For other sizes/types refer full Pascal rating tables later in this section.

Alternative locks :

- ANDO™ surface mounted single point deadlock.
- ANDO™ surface mounted two point deadlock.
- Mortice lock with raised ICON™ pull handles.
- Mortice lock with recessed ICON™ finger pulls.
- Mortice lock with recessed ANDO™ finger pulls.
- 'Albany' mortice deadlocks two point deadlock.

Lock colours:

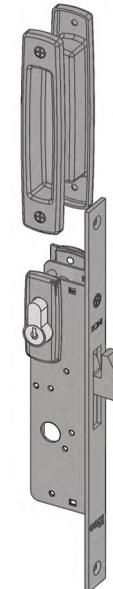
All of the surface locks come in a variety of standard powder coat finishes. Locks can also be supplied in a variety of metal finishes refer your local Vantage sales office or go to our web site. ICON™ and ANDO™ raised and recessed pulls are only available in 316 stainless steel.



ANDO™ single point locking



ANDO™ two point locking



ANDO™ two point slimline locking

Vantage offer a variety of door locking options,

Double weatherpile mohair seals.

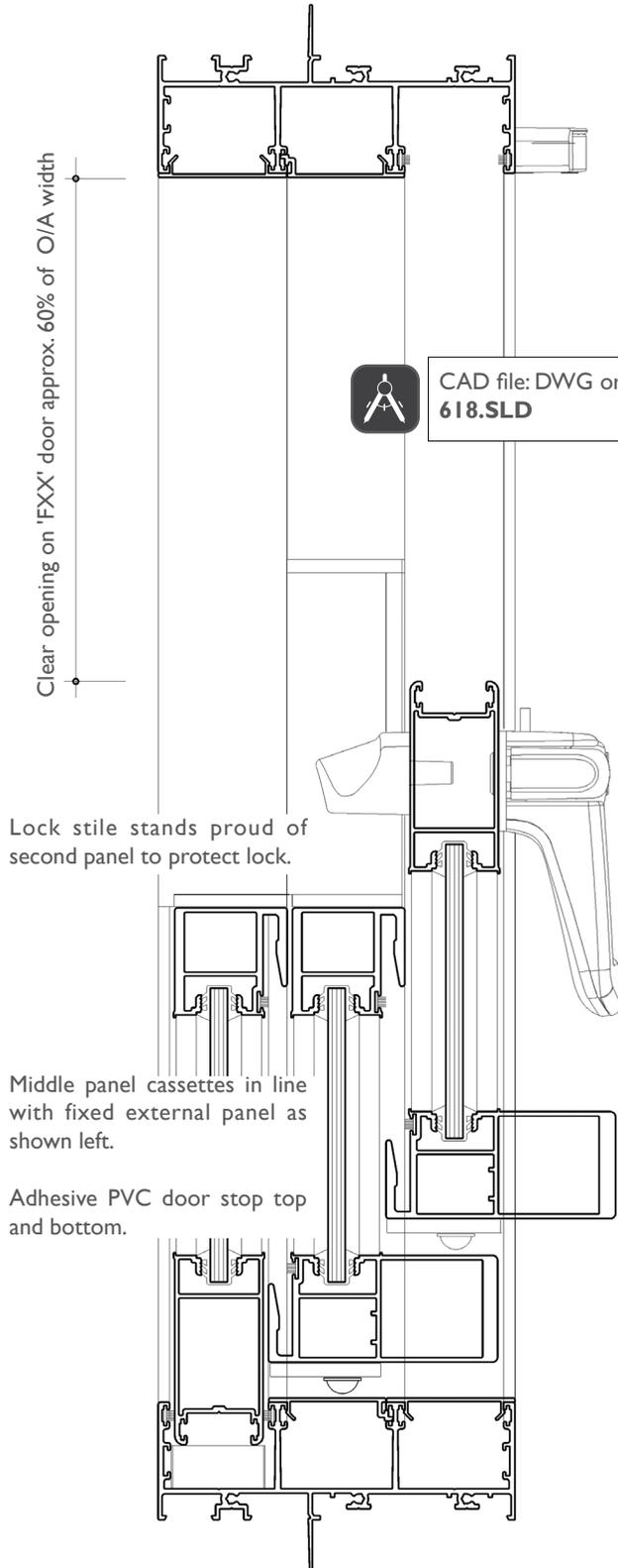
Extruded aluminium flat fillers close off these unused pockets.

Stainless steel self tapping frame assembly screws

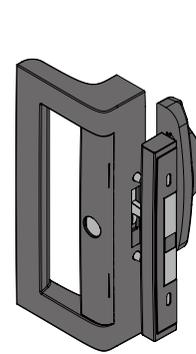
Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

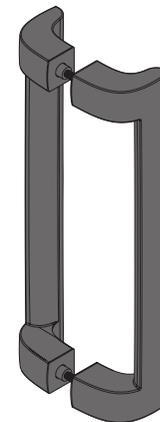
'XXF' MULTI PANEL DOOR IN THE OPEN POSITION



Lock Options:
The MAGNUM™ doors can be fitted with a variety of locks, as shown on this and previous page.



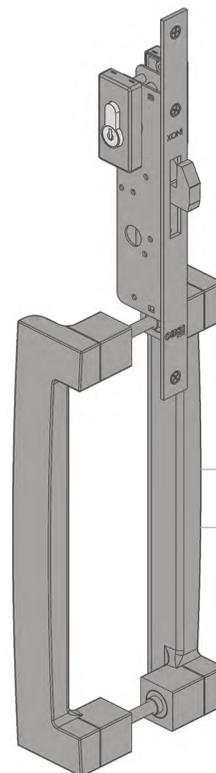
MIRO™ Single Point Sliding Door Lock



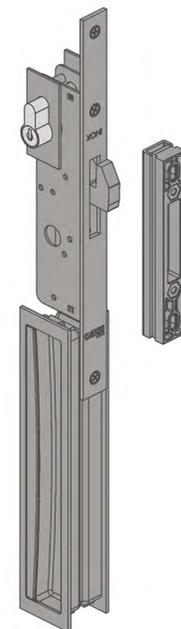
MIRO™ D-Pull



MIRO™ Flush Pull



ICON™ S.S. Bold pull handles with mortice lock

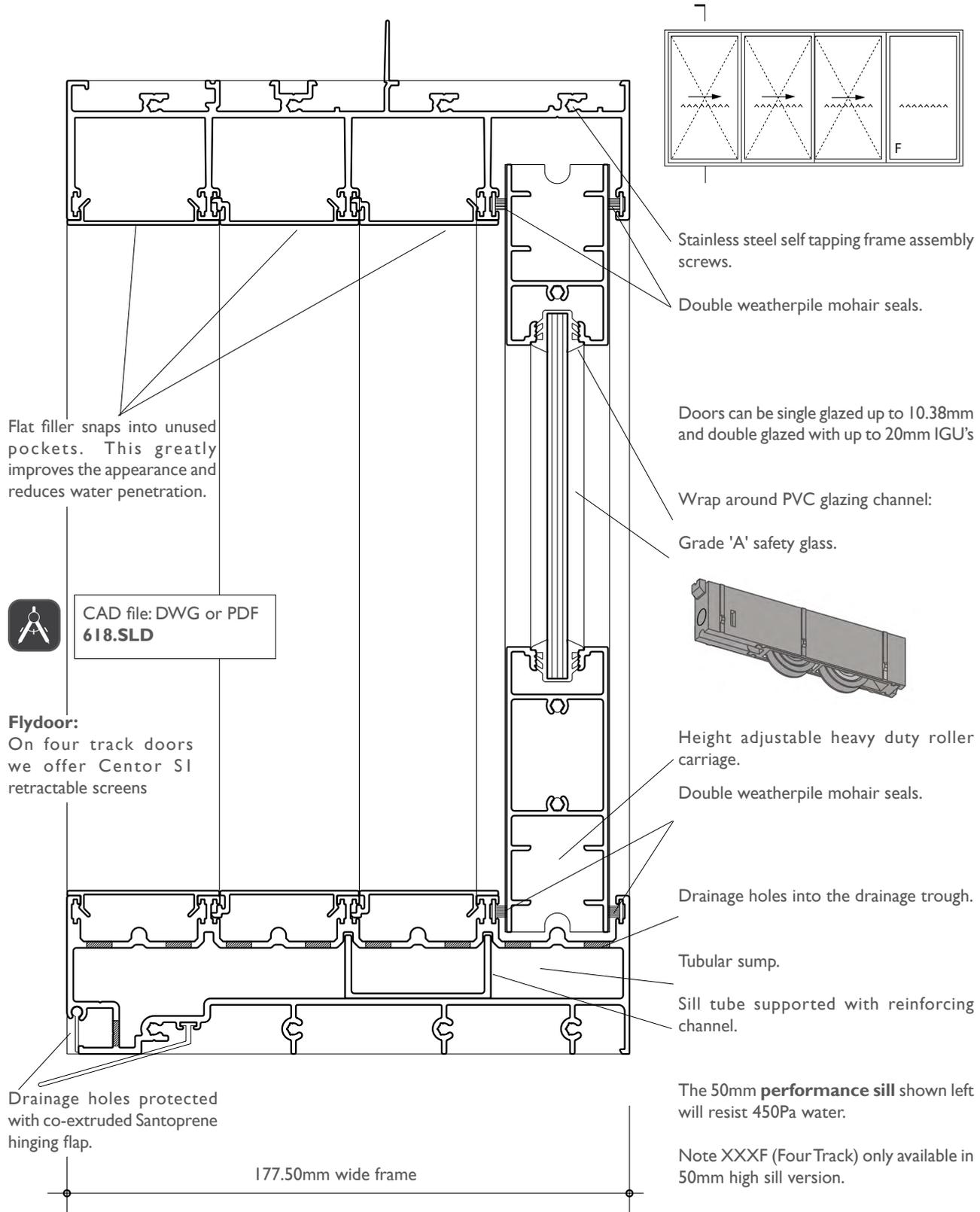


ICON™ S.S. Recessed finger pull with mortice lock

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

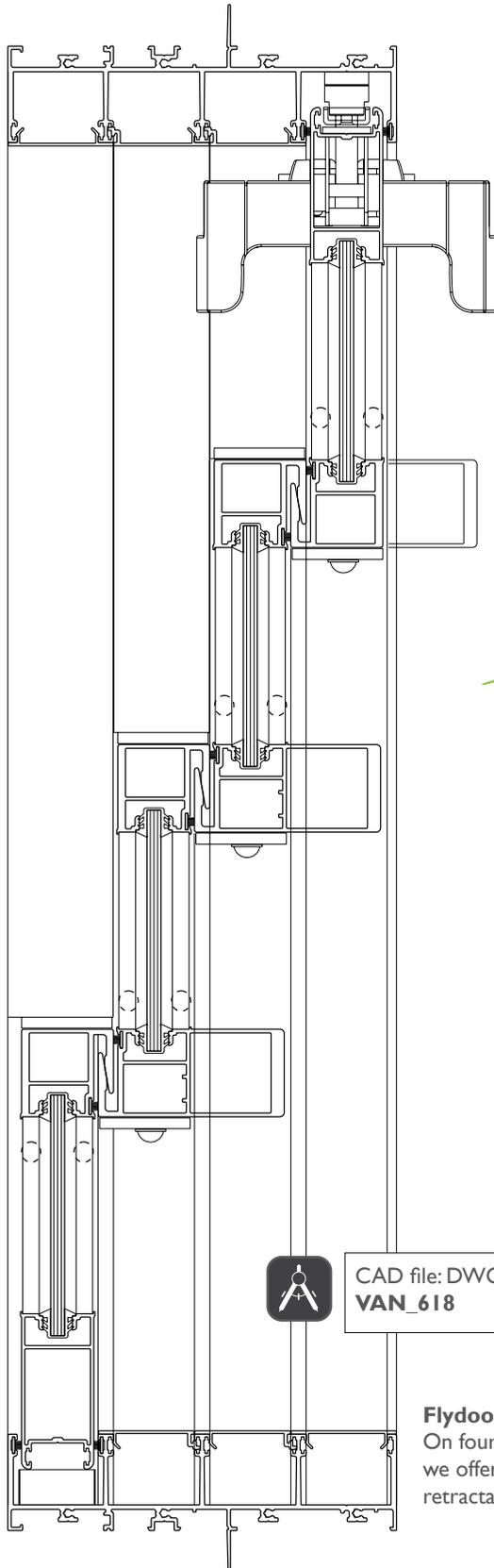
VERTICAL SECTION THROUGH 'XXXXF' MULTI PANEL DOOR - SINGLE GLAZED



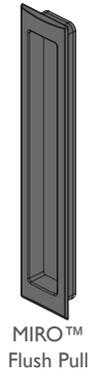
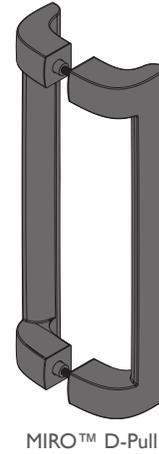
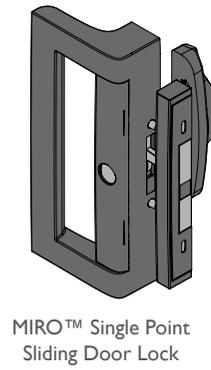
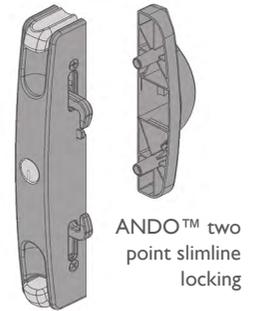
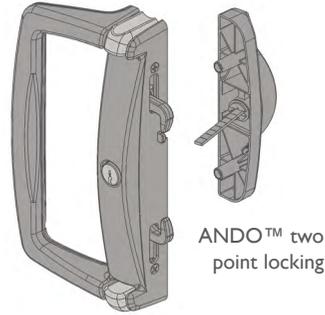
Series 618
MAGNUM™ Sliding Door

DATE: SEPT 21
 REPLACES: MAR 21
 SCALE: NOT TO SCALE

HORIZONTAL SECTION THROUGH 'XXXF' MULTI PANEL DOOR - SINGLE GLAZED



Lock Options:
 The four panel doors can be fitted with a variety of locks, some are shown on this page.

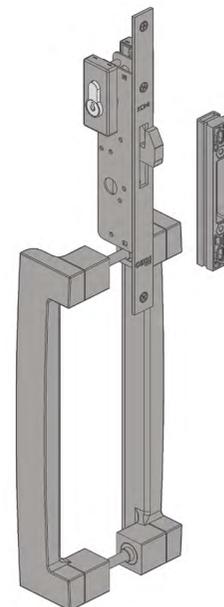


CAD file: DWG or DXF
VAN_618

Flydoor:
 On four track doors we offer Centor S1 retractable screens



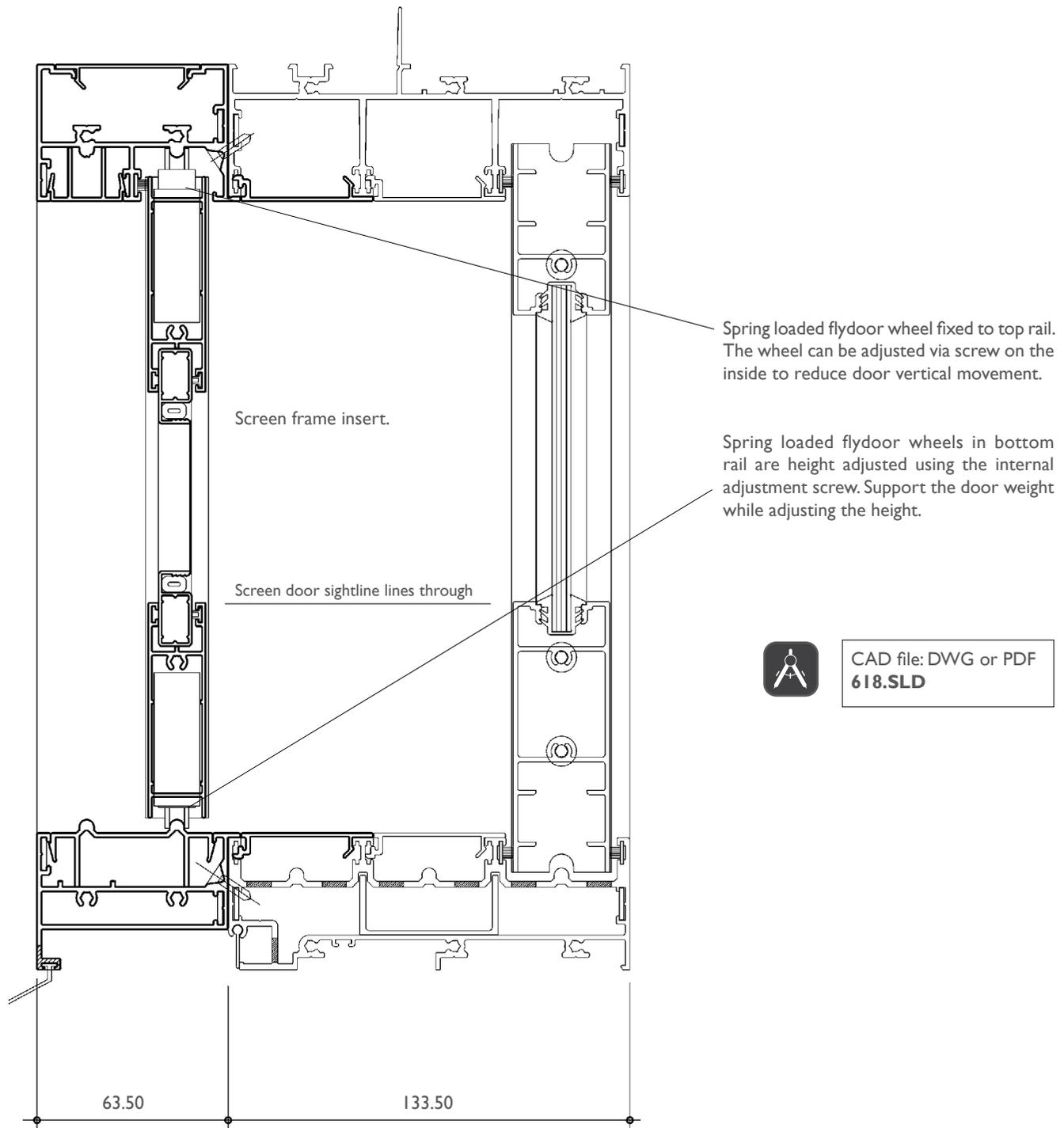
ICON™ S.S. Bold pull handles with mortice lock



Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

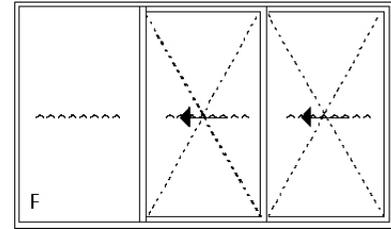
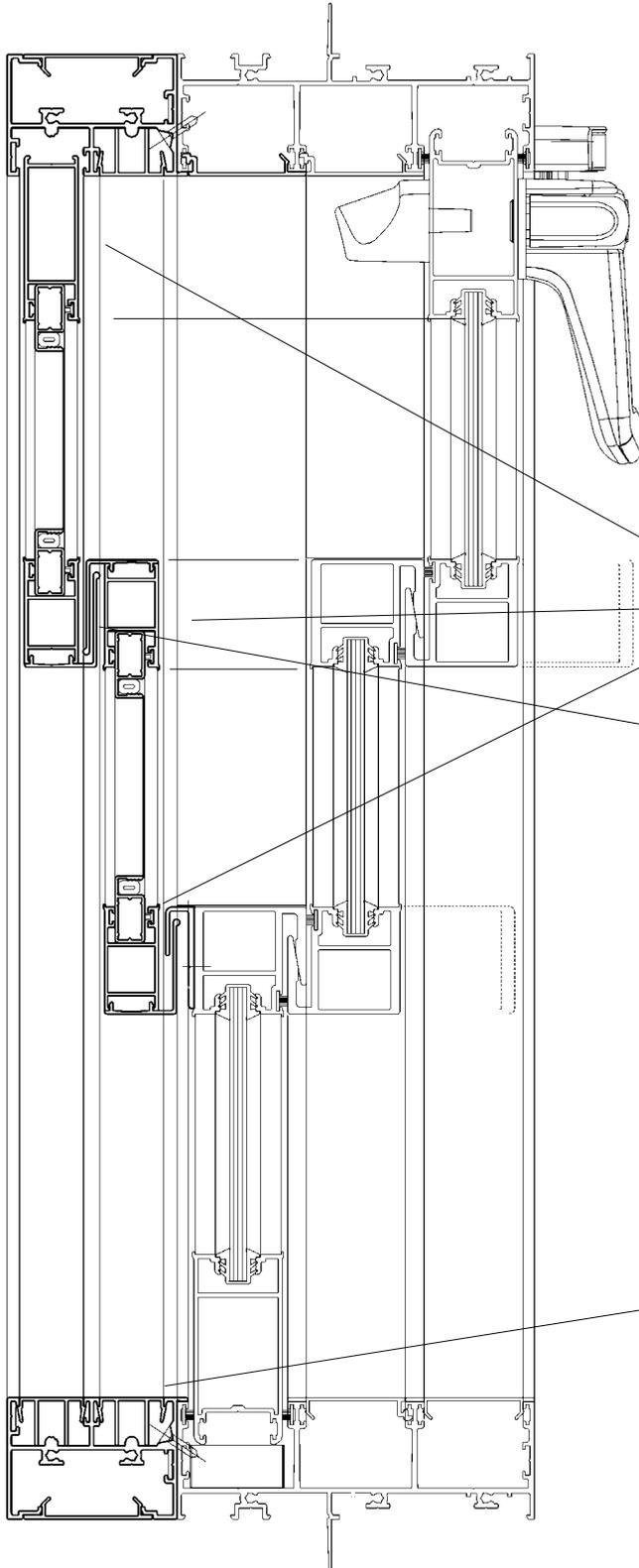
VERTICAL SECTION THROUGH 'XXF' MULTI PANEL FLYDOOR



Series 618
MAGNUM™ Sliding Door

DATE: SEPT 21
 REPLACES: MAR 21
 SCALE: NOT TO SCALE

HORIZONTAL SECTION THROUGH 'XXF' MULTI PANEL DOOR WITH FLYDOORS



The custom flydoor stiles line through with glass door stiles.

Vantage custom flydoors come with snap-on door interlocks.



CAD file: DWG or PDF
618.SLD

Vantage custom flydoor frame.

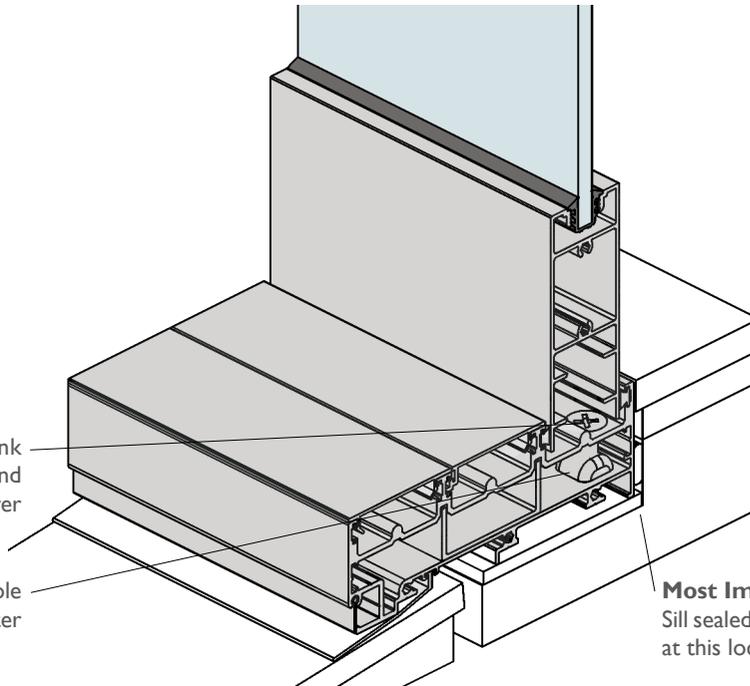
Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

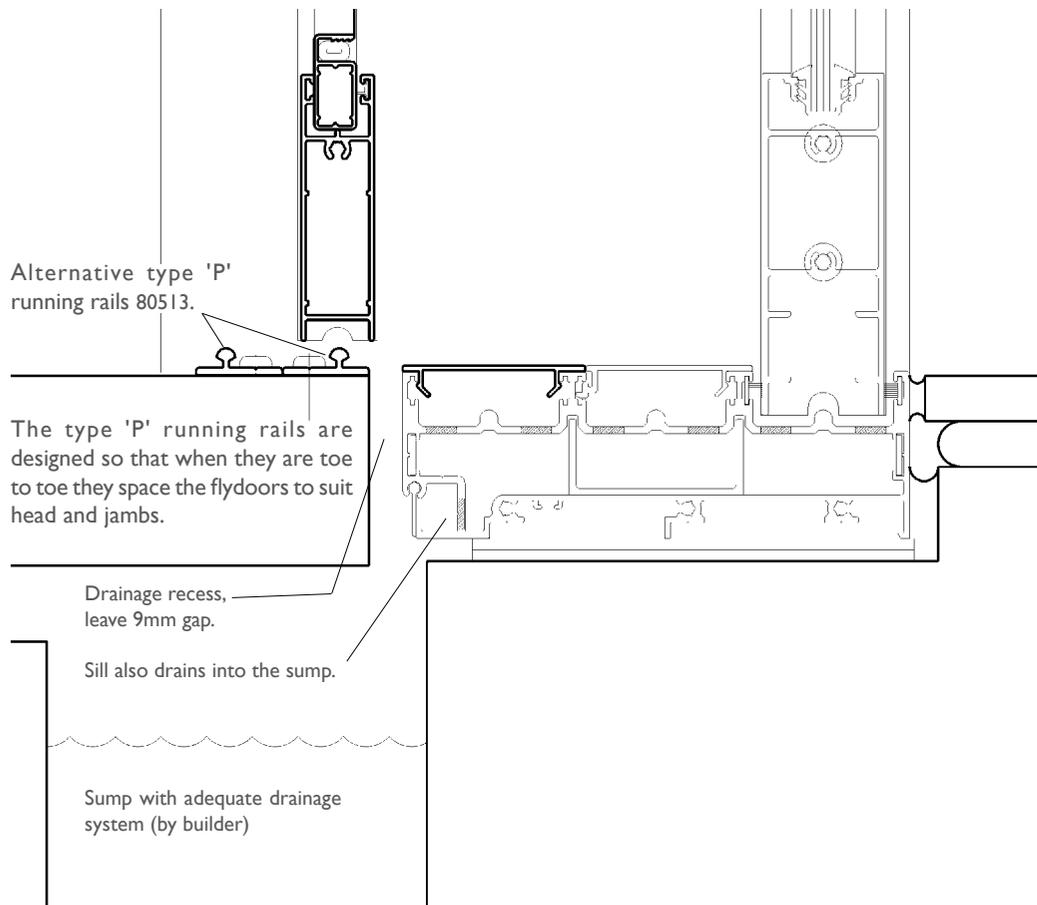
SILL INSTALLATION DETAILS

Secure sill to structure with countersunk M6 Dynabolts at meeting stile location and then @ 800mm maximum centres. Seal over screw heads

Squirt Silicon seal into the screw access hole before fitting the fixing bolts, to reduce water escaping from sump at fixing holes.



Most Important:
Sill sealed to structure at this location.



Alternative type 'P' running rails 80513.

The type 'P' running rails are designed so that when they are toe to toe they space the flydoors to suit head and jambs.

Drainage recess, leave 9mm gap.

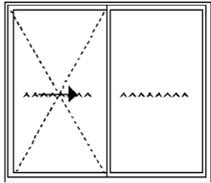
Sill also drains into the sump.

Sump with adequate drainage system (by builder)

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

HORIZONTAL SECTION THROUGH 'XF' GLASS DOOR



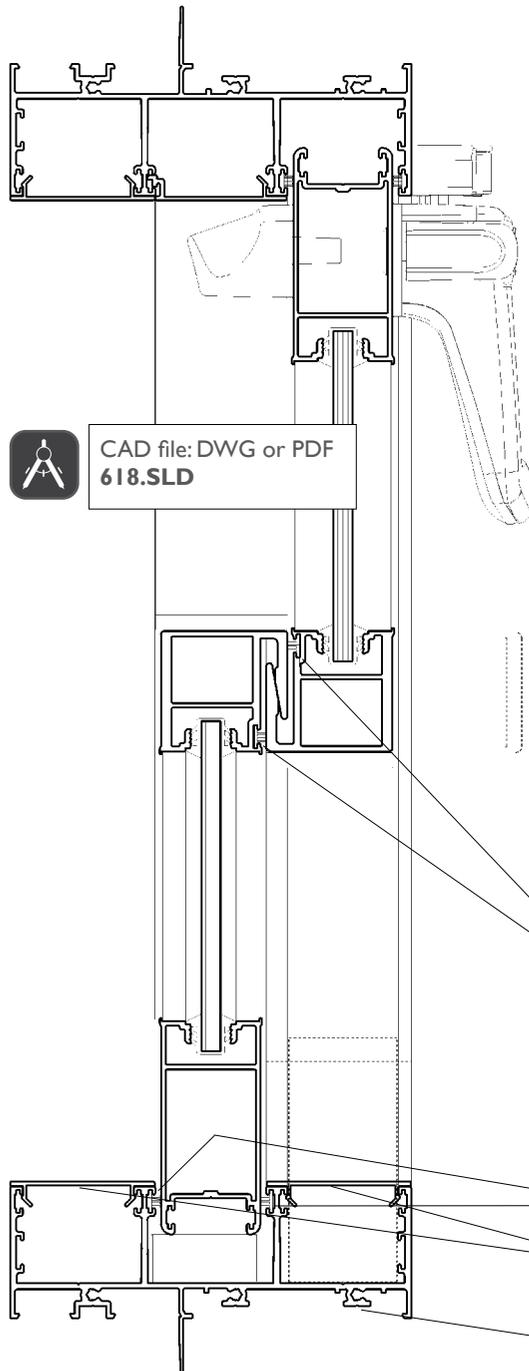
Meeting Stile Strength

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

type code	Height mm	Width mm	Meeting Stiles		
			Light	Medium	Heavy
XF	2400	2400	701 Pa	1875 Pa	3000 Pa
XF	2400	2700	-	1705 Pa	2200 Pa
XF	2400	3000	-	1576 Pa	2200 Pa

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

For other sizes/types refer full Pascal rating tables later in this section.



Important Feature

Light 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

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

90° CORNER MEETING STILES

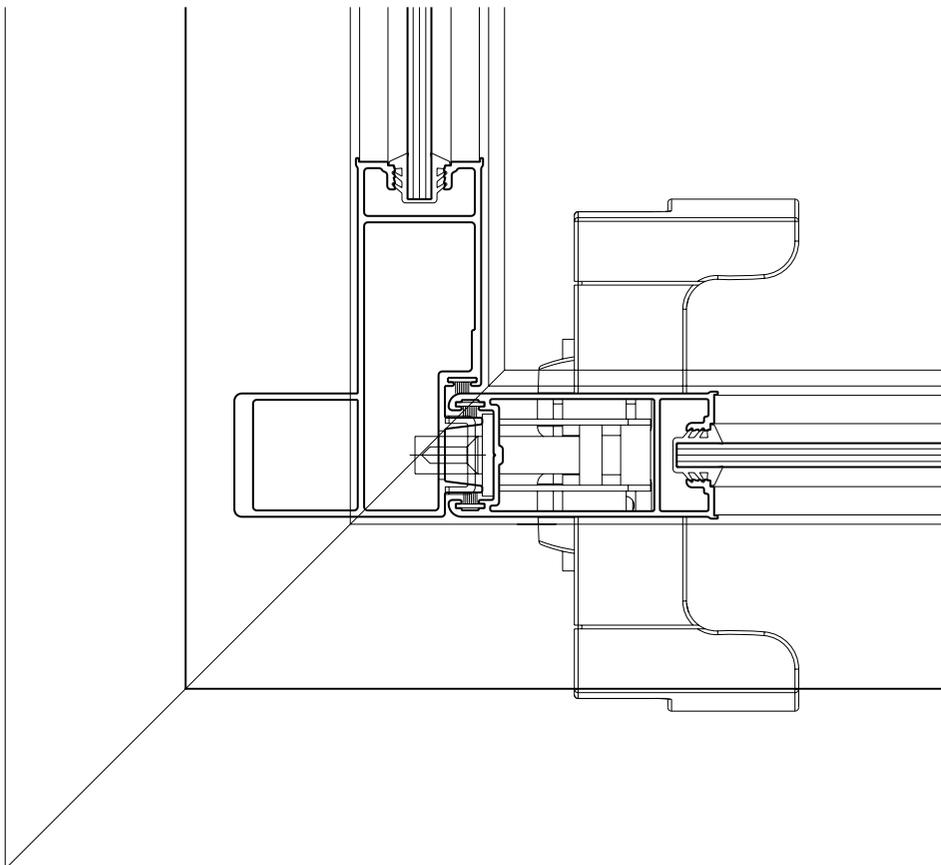
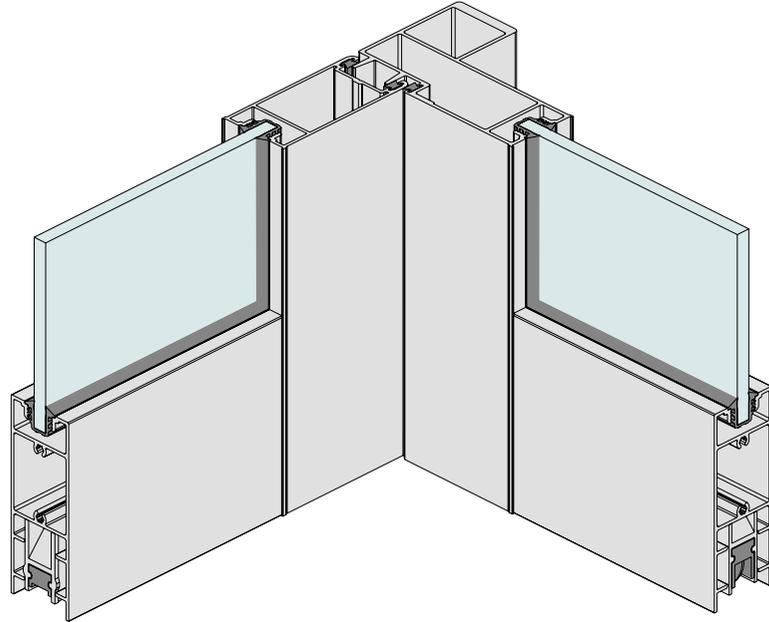
MAGNUM™ 618 Doors can be supplied as a corner unit that will open away from the corner (as illustrated right).

- One door can be opened for every day access.
- One side could be opened depending on the wind direction.
- Both sides opened when required for maximum access.

Can be configured as FX-XF, FXX-XXF, FXXX-XXXF

Waterproof Corner Stiles

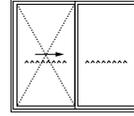
The corner stiles have been designed to look good and achieve maximum weather performance. No unsightly holes at the top and bottom.



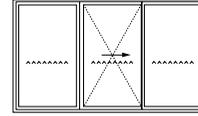
Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

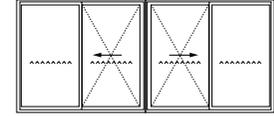
MEETING STILE PASCAL RATINGS



XF & FX



FXF



FXXF

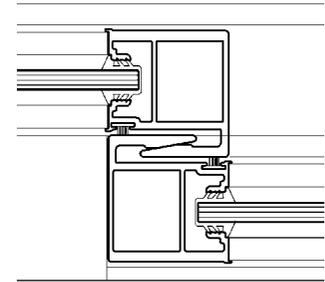
Door type	Door Height mm	Door Width mm	Meeting stiles					
			Light 42314 with 42314		Medium 42314 with 42315		Heavy 42315 with 42315	
			S	U	S	U	S	U
XF	2100	1800	1381	2612	3000	4500	3000	4500
XF	2100	2400	1093	2051	2540	3810	3000	4500
XF	2100	2700	102007	1881	2200	3495	2200	4500
XF	2100	3000	946	1758	2178	3267	2200	4500
XF	2400	1800	899	1955	2422	3633	3000	4500
XF	2400	2400	701	1514	1875	2813	3000	4500
XF	2400	2700	-	-	1705	2557	2200	4342
XF	2400	3000	-	-	1576	2364	2200	4014
XF	2700	1800	-	-	1883	2825	3000	4500
XF	2700	2400	-	-	1445	2168	2454	3681
XF	2700	2700	-	-	1306	1959	2200	3327
XF	2700	3000	-	-	1199	1799	2036	3055
FXF	2100	2700	1394	2639	3000	4500	3000	4500
FXF	2100	3000	1272	2402	2975	4462	3000	4500
FXF	2100	3600	1100	2064	2557	3835	2685	4028
FXF	2100	4000	1021	1908	2200	3544	2200	3723
FXF	2100	4500	949	1765	2186	3280	2200	3444
FXF	2400	2700	908	1976	2447	3671	2570	3855
FXF	2400	3000	825	1791	2219	3328	2330	3495
FXF	2400	3600	705	1525	1888	2833	1983	2975
FXF	2400	4000	-	-	1732	2598	1819	2728
FXF	2400	4500	-	-	1584	2375	1663	2495
FXF	2700	2700	-	-	1904	2855	1999	2999
FXF	2700	3000	-	-	1721	2582	1808	2712
FXF	2700	3600	-	-	1456	2184	1529	2294
FXF	2700	4000	-	-	1328	1992	1395	2093
FXF	2700	4500	-	-	1206	1808	1266	1899
FXXF	2100	3600	1352	2557	2772	4158	2772	4158
FXXF	2100	4000	1239	2337	2534	3801	2534	3801
FXXF	2100	5000	1049	1963	2128	3192	2128	3192
FXXF	2100	5900	947	1760	1909	2863	1909	2863
FXXF	2400	3600	879	1912	220073	3110	220073	3110
FXXF	2400	4000	802	1741	1887	2831	1887	2831
FXXF	2400	5000	-	-	1565	2347	1565	2347
FXXF	2400	5900	-	-	1382	220072	1382	220072
FXXF	2700	3600	-	-	1580	2417	1580	2417
FXXF	2700	4000	-	-	1437	2194	1437	2194
FXXF	2700	5000	-	-	1187	1804	1187	1804
FXXF	2700	5900	-	-	1043	1577	1043	1577

Wind Ratings (Pa) Meeting stiles.

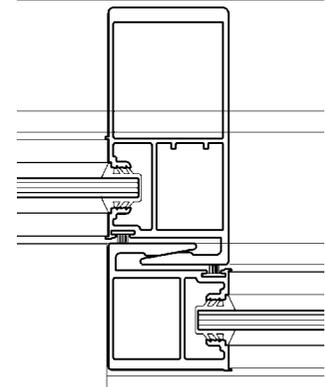
FXXF Heavy Meeting Stiles:

The above table shows no increase with the heavy meeting stile combination on FXXF doors as the limitation is the central bi-parting combination and this only comes in the medium strength arrangement.

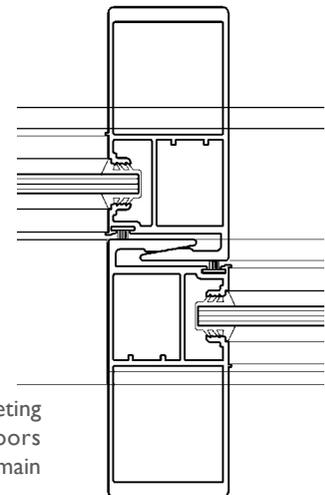
Light
With 42314 with 42314
 $I_{xx} = 269 \times 10^3 \text{mm}^4$



Medium
With 42314 with 42315
 $I_{xx} = 887 \times 10^3 \text{mm}^4$



Heavy
With 42315 with 42315
 $I_{xx} = 1506 \times 10^3 \text{mm}^4$



Important Note:
If you use the heavy meeting stile combination, flydoors can't be fitted within the main frame.

The serviceability ratings over 2200Pa are only available when using the performance 50mm high sill (42303).

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

MEETING STILE PASCAL RATINGS

S = Serviceability limit state (deflection = L/150).
U = Ultimate strength limit state (factored yield strength = 104 MPa).

These tables have been calculated using nominal section properties.
A typical assembly has been tested as per the requirements of AS2047,

Ultimate strength rating has been limited to 4500 Pa, 50% higher than the highest serviceability number nominated.

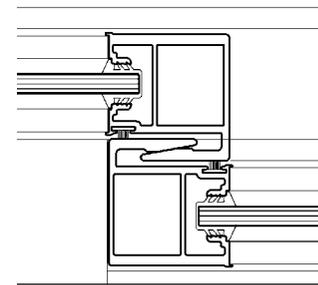
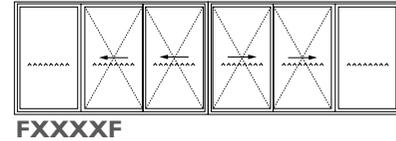
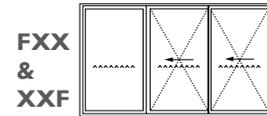
- 3000 Serviceability ratings were restricted by the maximum water resistance (450Pa) achieved on panels up to 1320mm wide equates to 4000mm wide XXF or 2710mm wide XF doors.
- 2200 Serviceability ratings were restricted by the maximum water resistance (300Pa) achieved on extra wide door panels.
- Blank Denotes rating under 700 Pa.

type	Door		Meeting stiles					
	Height	Width	Light 42314 with 42314		Medium 42314 with 42315		Heavy 42315 with 42315	
	mm	mm	S	U	S	U	S	U
XXF	2100	3200	1220	2300	2848	4272	3000	4500
XXF	2100	3400	1161	2184	2705	4058	3000	4500
XXF	2100	3600	1110	2085	2582	3873	3000	4500
XXF	2100	4000	1029	1923	2382	3573	3000	4500
XXF	2100	4500	955	1776	2200	3300	2200	4500
XXF	2400	3200	789	1711	2120	3179	3000	4500
XXF	2400	3400	748	1620	202007	3010	3000	4500
XXF	2400	3600	713	1541	1909	2863	3000	4500
XXF	2400	4000	-	-	1747	2621	2967	4450
XXF	2400	4500	-	-	1595	2393	2200	4063
XXF	2700	3200	-	-	1642	2463	2788	4182
XXF	2700	3400	-	-	1551	2327	2634	3951
XXF	2700	3600	-	-	1472	2209	2500	3750
XXF	2700	4000	-	-	1341	2012	2277	3416
XXF	2700	4500	-	-	1215	1823	2063	3095
FXXXXF	2100	4500	1651	3136	3000	4500	3000	4500
FXXXXF	2100	4800	1554	2948	3000	4500	3000	4500
FXXXXF	2100	5100	1471	2785	3000	4500	3000	4500
FXXXXF	2100	5400	1396	2642	2864	4296	2864	4296
FXXXXF	2100	5700	1331	2516	2727	4091	2727	4091
FXXXXF	2100	6000	1274	2404	2606	3910	2606	3910
FXXXXF	2400	4500	1081	2360	2559	3838	2559	3838
FXXXXF	2400	4800	1016	2215	2402	3602	2402	3602
FXXXXF	2400	5100	959	2089	2265	3397	2265	3397
FXXXXF	2400	5400	909	1978	2145	3217	2145	3217
FXXXXF	2400	5700	865	1880	2038	3058	2038	3058
FXXXXF	2400	6000	826	1793	1944	2916	1944	2916
FXXXXF	2700	4500	747	1842	1952	2995	1952	2995
FXXXXF	2700	4800	701	1727	1832	2808	1832	2808
FXXXXF	2700	5100	-	-	1727	2646	1727	2646
FXXXXF	2700	5400	-	-	1635	2502	1635	2502
FXXXXF	2700	5700	-	-	1553	2375	1553	2375
FXXXXF	2700	6000	-	-	1480	2262	1480	2262

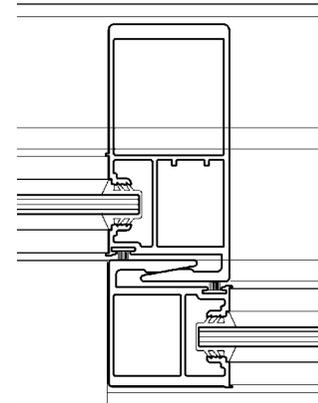
Wind Ratings (Pa) Meeting stiles.

FXXXXF Heavy Meeting Stiles:

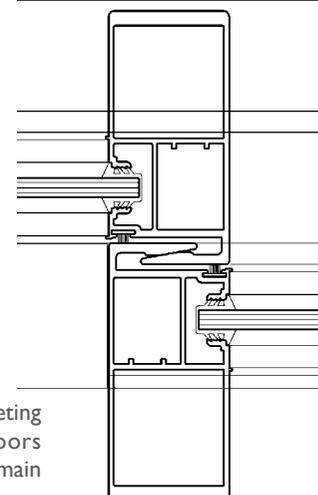
The above table shows no increase with the heavy meeting stile combination on FXXXXF doors as the limitation is the central bi-parting combination and this only comes in the medium strength arrangement.



Light
With 42314 with 42314
I_{xx} = 269 x 10³mm⁴



Medium
With 42314 with 42315
I_{xx} = 887 x 10³mm⁴



Heavy
With 42315 with 42315
I_{xx} = 1506 x 10³mm⁴

Important Note:

If you use the heavy meeting stile combination, flydoors can't be fitted within the main frame.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

MEETING STILE PASCAL RATINGS

S = Serviceability limit state (deflection = L/150).
U = Ultimate strength limit state (factored yield strength = 104 MPa).

These tables have been calculated using nominal section properties.
A typical assembly has been tested as per the requirements of AS2047,

Ultimate strength rating has been limited to 4500 Pa, 50% higher than the highest serviceability number nominated.

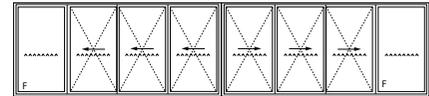
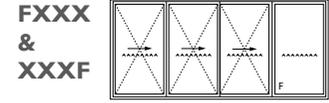
- 3000 Serviceability ratings were restricted by the maximum water resistance (450Pa) achieved on panels up to 1320mm wide equates to 4000mm wide XXF or 2710mm wide XF doors.
- 2200 Serviceability ratings were restricted by the maximum water resistance (300Pa) achieved on extra wide door panels.
- Blank Denotes rating under 700 Pa.

type	Door		Meeting stiles					
	Height mm	Width mm	Light 42314 with 42314		Medium 42314 with 42315		Heavy 42315 with 42315	
			S	U	S	U	S	U
XXXF	2100	3600	1381	2612	3000	4500	3000	4500
XXXF	2100	4200	1212	2284	2829	4244	3000	4500
XXXF	2100	4800	1093	2051	2540	3810	3000	4500
XXXF	2100	5400	102007	1881	2200	3495	2200	4500
XXXF	2100	6000	946	1758	2178	3267	2200	4500
XXXF	2400	3600	899	1955	2422	3633	3000	4500
XXXF	2400	4200	783	1699	2105	3157	3000	4500
XXXF	2400	4800	701	1514	1875	2813	3000	4500
XXXF	2400	5400	-	-	1705	2557	2200	4342
XXXF	2400	6000	-	-	1576	2364	2200	4014
XXXF	2700	3600	-	-	1883	2825	3000	4500
XXXF	2700	4200	-	-	1630	2445	2767	4151
XXXF	2700	4800	-	-	1445	2168	2454	3681
XXXF	2700	5400	-	-	1306	1959	2200	3327
XXXF	2700	6000	-	-	1199	1799	2036	3055
FXXXXXXF	2100	6400	1515	2873	3000	4500	3000	4500
FXXXXXXF	2100	7200	1366	2584	2802	4203	2802	4203
FXXXXXXF	2100	8400	1202	2264	2455	3683	2455	3683
FXXXXXXF	2100	9600	1086	2037	2208	3312	2208	3312
FXXXXXXF	2100	10800	1002	1871	2029	3043	2029	3043
FXXXXXXF	2100	12000	942	1751	1898	2847	1898	2847
FXXXXXXF	2400	6400	990	2157	2339	3509	2339	3509
FXXXXXXF	2400	7200	889	1933	2096	3144	2096	3144
FXXXXXXF	2400	8400	776	1684	1825	2738	1825	2738
FXXXXXXF	2400	9600	-	-	1629	2444	1629	2444
FXXXXXXF	2400	10800	-	-	1483	2225	1483	2225
FXXXXXXF	2400	12000	-	-	1373	2059	1373	2059
FXXXXXXF	2700	6400	-	-	1784	2734	1784	2734
FXXXXXXF	2700	7200	-	-	1598	2445	1598	2445
FXXXXXXF	2700	8400	-	-	1389	2120	1389	2120
FXXXXXXF	2700	9600	-	-	1237	1883	1237	1883
FXXXXXXF	2700	10800	-	-	1123	1704	1123	1704
FXXXXXXF	2700	12000	-	-	1036	1566	1036	1566

Wind Ratings (Pa) Meeting stiles.

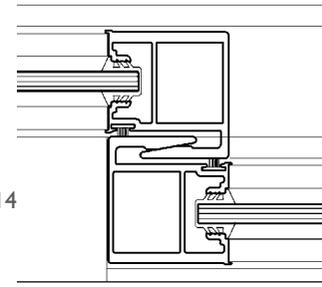
FXXXXXXF Heavy Meeting Stiles:

The above table shows no increase with the heavy meeting stile combination on FXXXXXF doors as the limitation is the central bi-parting combination and this only comes in the medium strength arrangement.

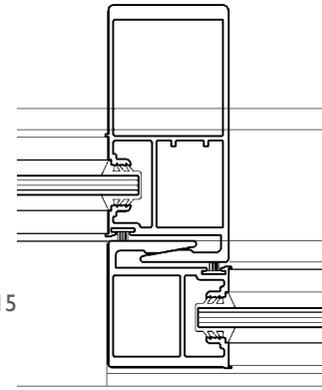


FXXXXXXF

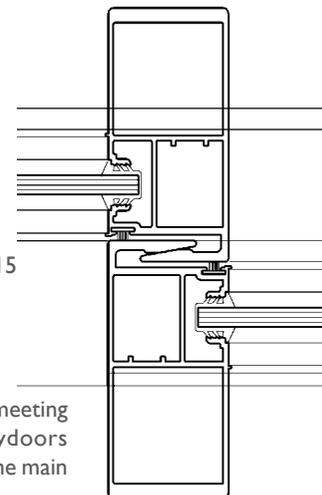
Light
With 42314 with 42314
 $I_{xx} = 269 \times 10^3 \text{mm}^4$



Medium
With 42314 with 42315
 $I_{xx} = 887 \times 10^3 \text{mm}^4$



Heavy
With 42315 with 42315
 $I_{xx} = 1506 \times 10^3 \text{mm}^4$



Important Note:

If you use the heavy meeting stile combination, flydoors can't be fitted within the main frame.

Series 618 MAGNUM™ Sliding Door

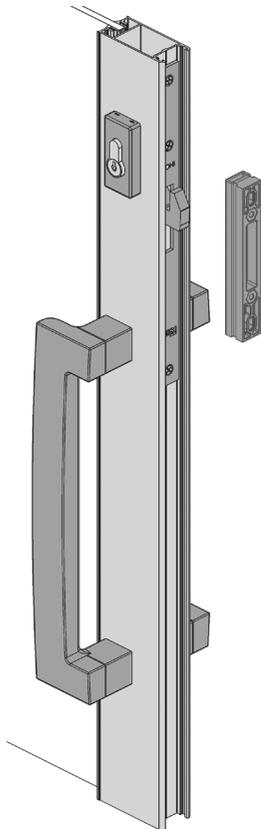
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

MORTICE LOCKS

We offer a premium locking option Iseo mortice lock with 'D' or recessed finger pulls.



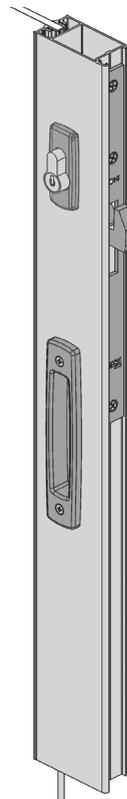
ICON™ S.S. Bold pull handles with mortice lock



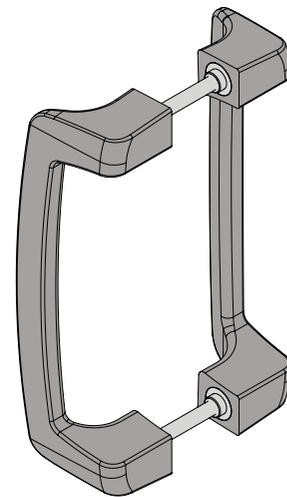
ICON™ S.S. Recessed finger pulls with mortice lock



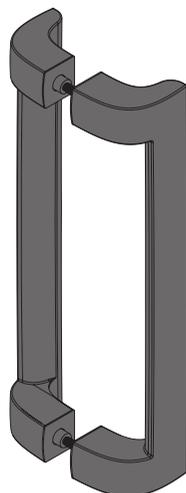
ANDO™ S.S. Recessed finger pulls with mortice lock



ANDO™ S.S. pull handle



MIRO™ Sliding Door Handle with Enduratech™ Finish Technology



MIRO™ Recessed finger pull with Enduratech™ Finish Technology



Important Note:
On heavy doors we recommend raised pull handles.

Series 618 MAGNUM™ Sliding Door

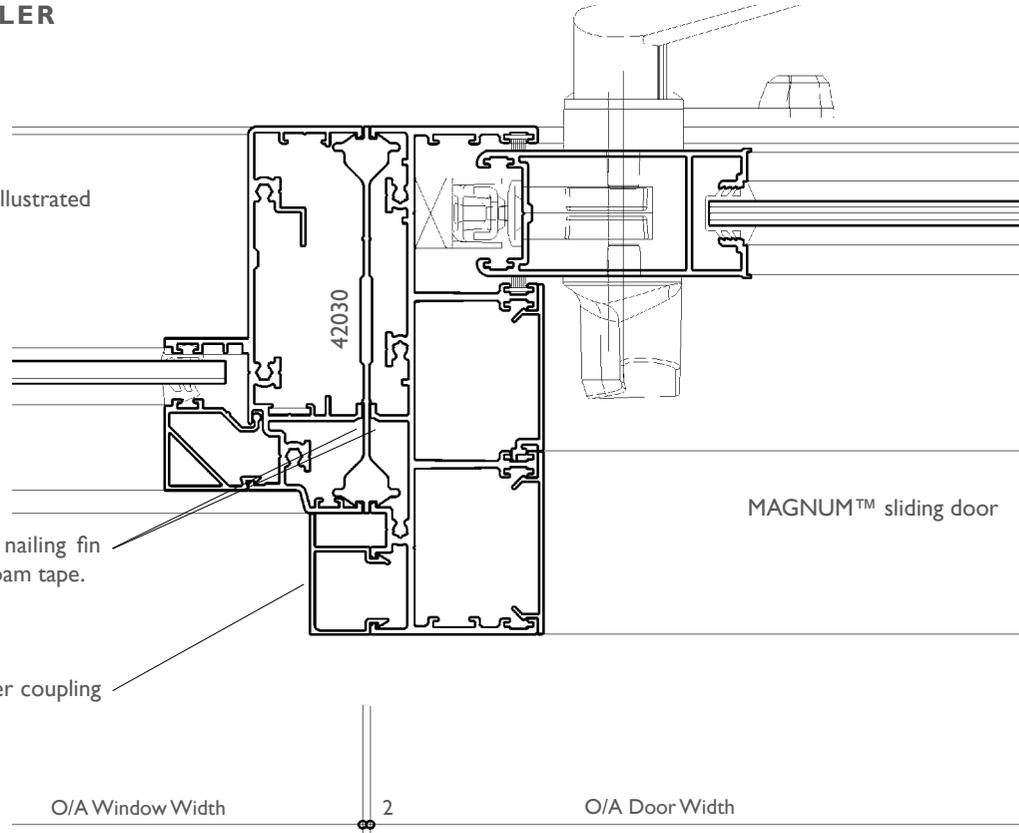
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

MULLION COUPLER

MAGNUM™ fixed frame illustrated

Seal coupler to frame at nailing fin position with closed cell foam tape.

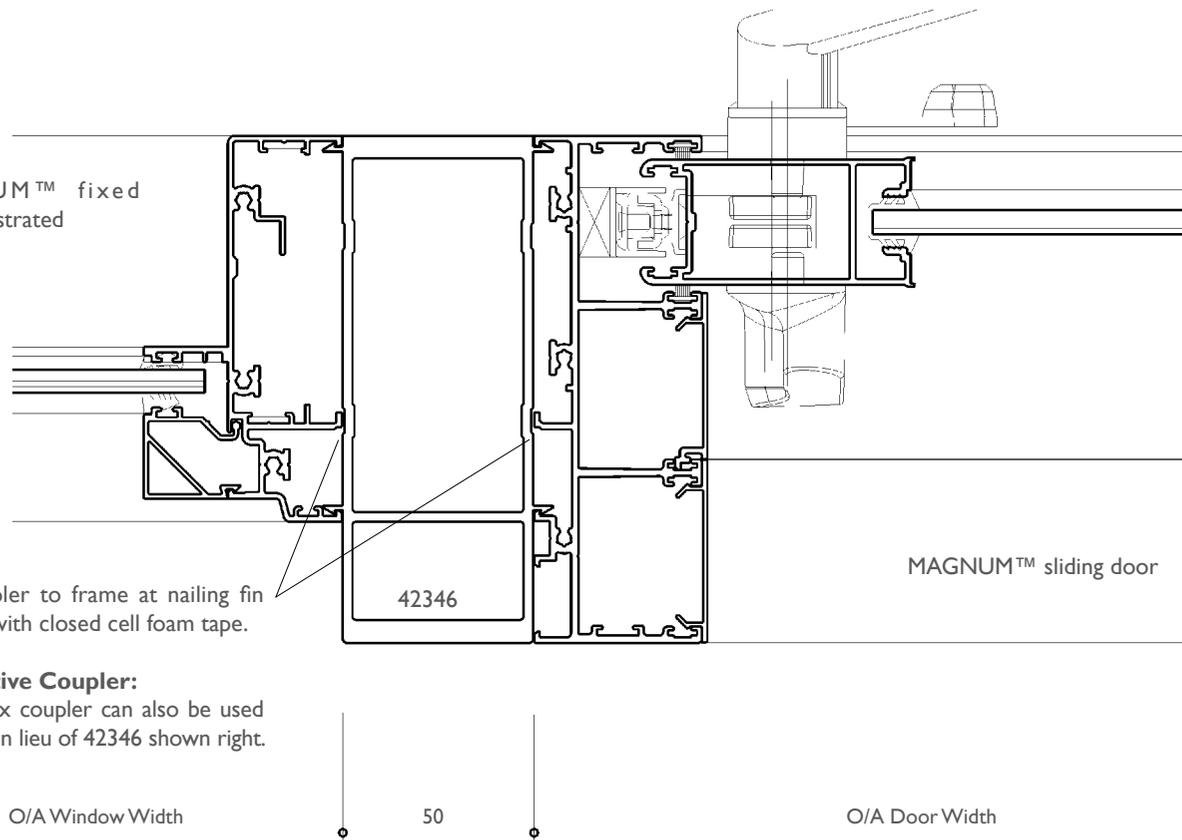
Fit snap-on cover trim after coupling frames to 'I' coupler.



MAGNUM™ fixed frame illustrated

Seal coupler to frame at nailing fin position with closed cell foam tape.

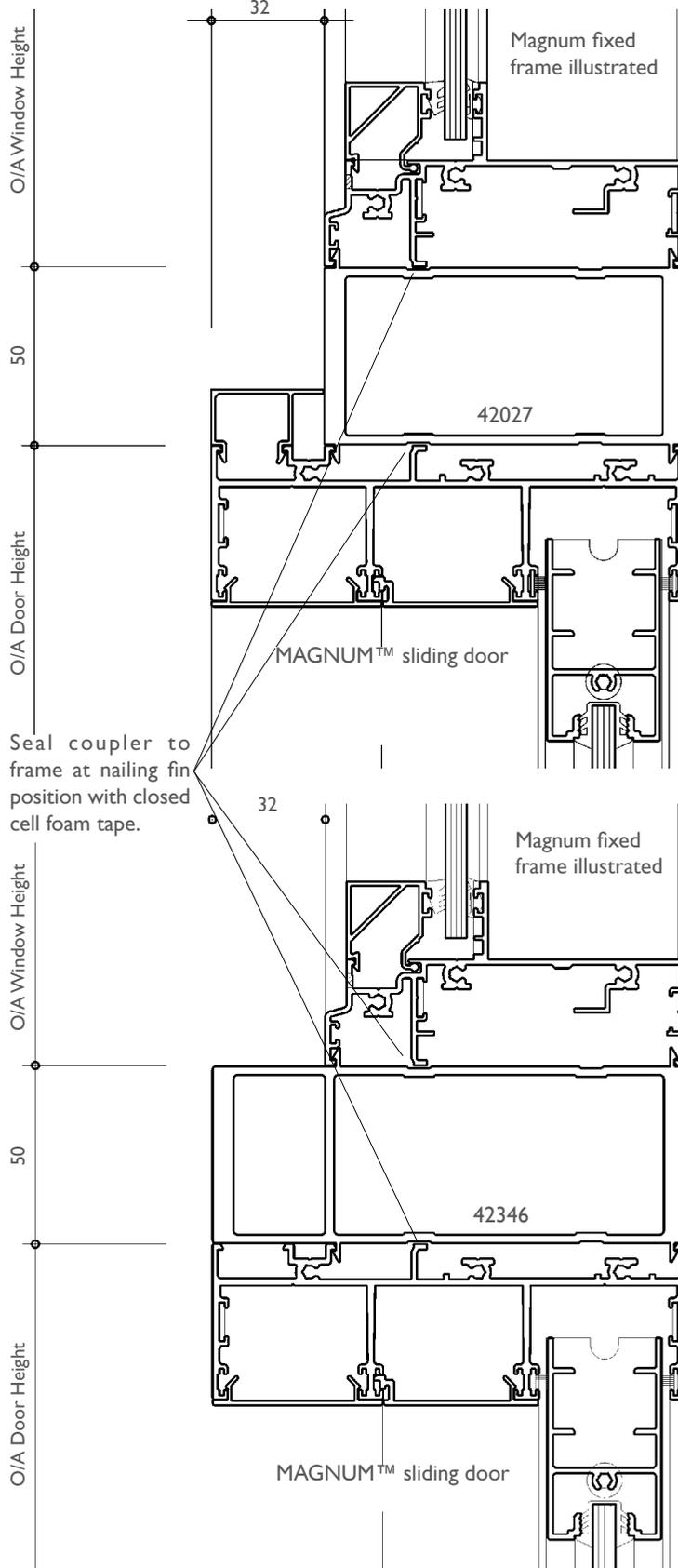
Alternative Coupler:
42027 Box coupler can also be used vertically in lieu of 42346 shown right.



Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TRANSOM COUPLER



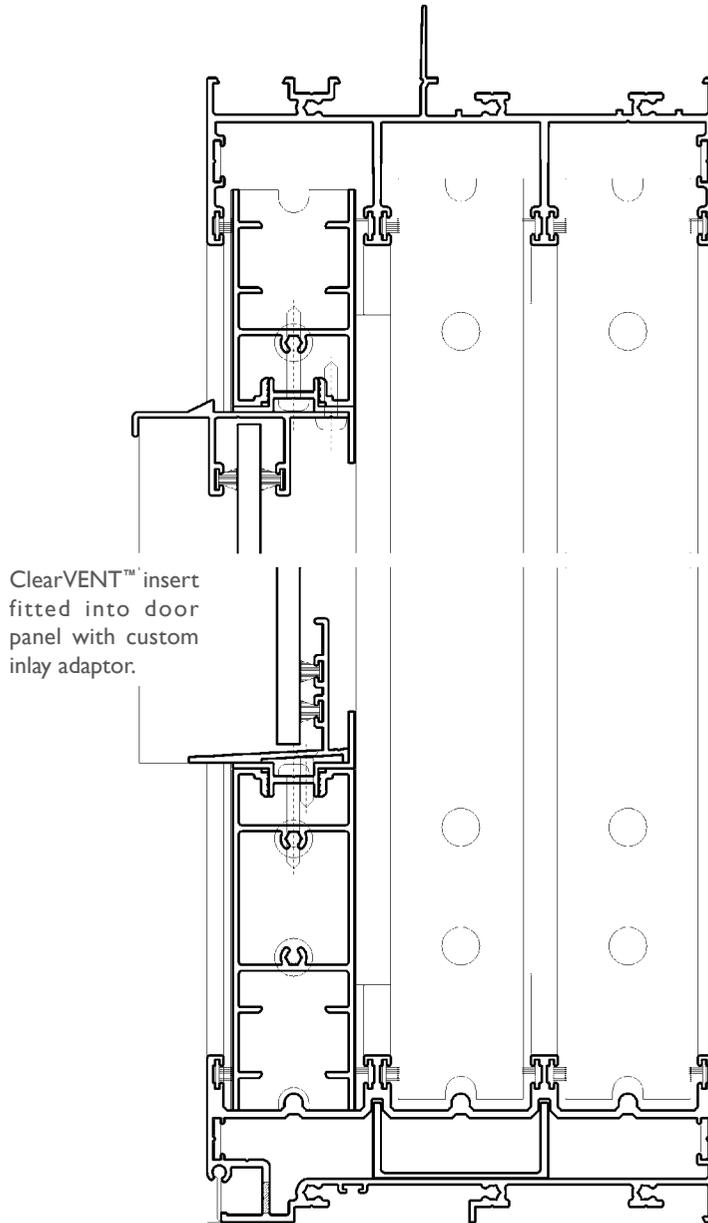
Frame Width mm	Heights		Transom Ratings (Pa)	
	Window mm	Door mm	S	U
3000	300	2400	2200	4668
3300	300	2400	2200	3707
3600	300	2400	1915	3025
3900	300	2400	1469	2521
4200	300	2400	1153	2136
4500	300	2400	923	1835
4800	300	2400	751	1595
3000	600	2400	2200	4116
3300	600	2400	2188	3282
3600	600	2400	1697	2686
3900	600	2400	1305	2244
4200	600	2400	1027	1905
4500	600	2400	823	1639
4800	600	2400	-	-
3000	900	2400	2200	3697
3300	900	2400	1970	2956
3600	900	2400	1529	2423
3900	900	2400	1178	2026
4200	900	2400	927	1722
4500	900	2400	744	1482
4800	900	2400	-	-

Frame Width mm	Heights		Transom Ratings (Pa)	
	Window mm	Door mm	S	U
3600	300	2400	2200	4233
3900	300	2400	2200	3527
4200	300	2400	1993	2989
4500	300	2400	1702	2568
4800	300	2400	1385	2232
5100	300	2400	1142	1960
5400	300	2400	954	1735
3600	600	2400	2506	3759
3900	600	2400	2093	3140
4200	600	2400	1777	2665
4500	600	2400	1517	2293
4800	600	2400	1236	1995
5100	600	2400	1020	1753
5400	600	2400	853	1553
3600	900	2400	2260	3391
3900	900	2400	1890	2835
4200	900	2400	1606	2409
4500	900	2400	1372	2074
4800	900	2400	1118	1806
5100	900	2400	924	1588
5400	900	2400	772	1407

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

OPTIONAL ClearVENT™ INSERT



Notes:

- * ClearVENT™ adaptor can be fitted into MAGNUM™ sliding door fixed panels as shown on this page.
- * The width of the adaptor and therefore the overall door unit will be limited by the maximum width of ClearVENT™. As shown on the table the width varies depending on wind load and glass type selected.
- * ClearVENT™ has been tested to resist 300Pa water.
- * External sliding flydoors can't be fitted to doors fitted with ClearVENT™ as the adaptor frame would clash with flydoor.
- * The flyscreen version of ClearVENT™ we also offer an alternative head and jamb insert frame that is narrower and won't accept flyscreens (refer Series 614 ClearVENT™).
- * Doors fitted with ClearVENT™ inserts won't accept the standard external sliding flydoor systems shown earlier, however Centor S1 retractable screens can be fitted.

Glass Performance of ClearVENT™ sashes:

The weak link on frameless double-hung sashes will be the unsupported glass edge across the centre of the window. The situation is covered in Australian Standard AS1288-2006.

Typical window examples based on this Standard

Maximum Window Width (based on 30mm frames - 72821 and 72823)

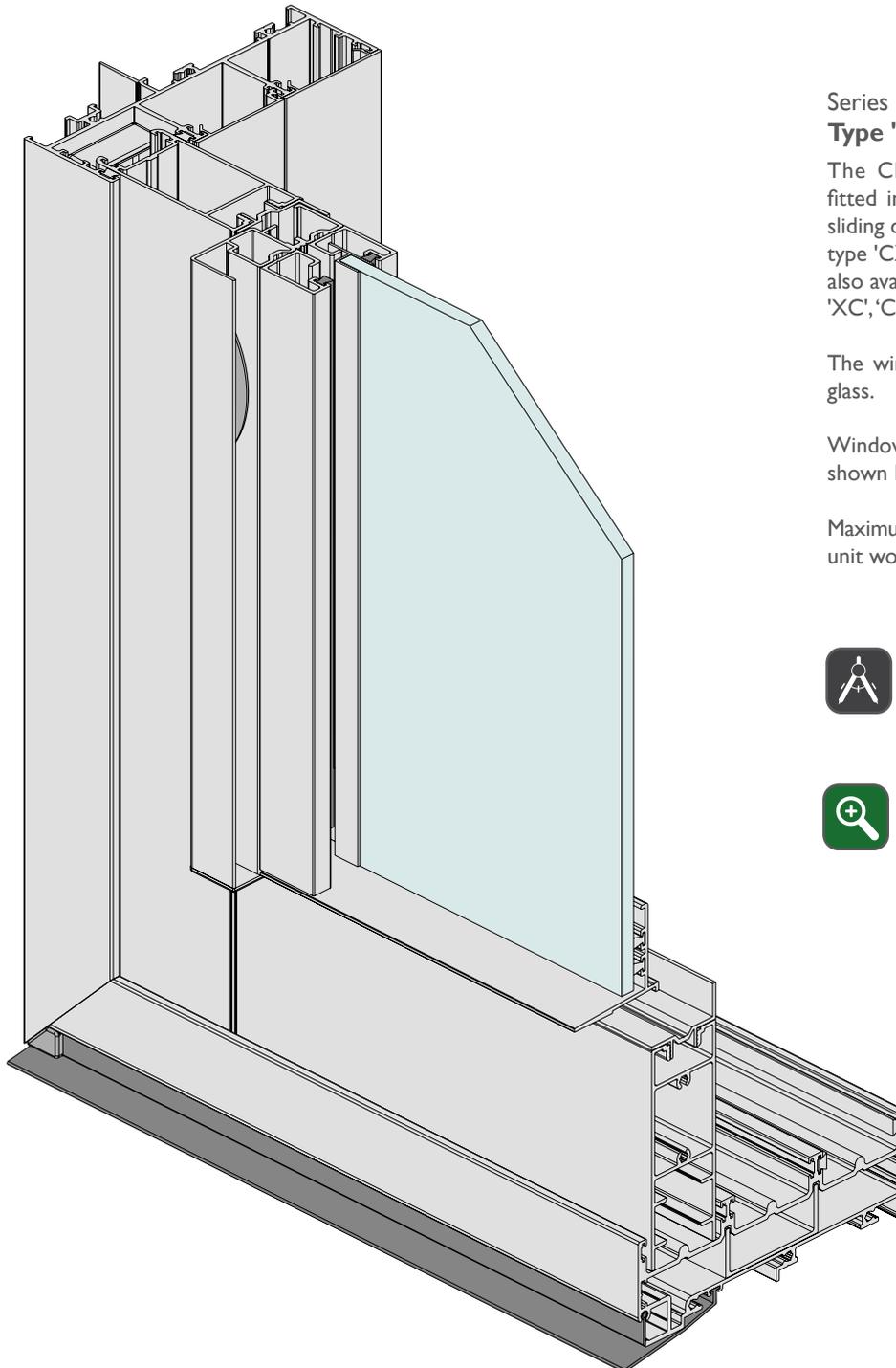
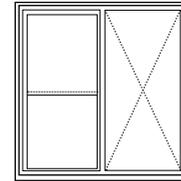
Wind Classification	6mm Annealed Glass	5mm Toughened Glass	6mm Toughened Glass	6.38mm Laminated Glass
N1	1210mm	1210mm	1210mm	1210mm
N2	1210mm	1210mm	1210mm	1210mm
N3	1067mm	1186mm	1210mm	1037mm
N4	904mm	1036mm	1186mm	880mm
N5	763mm	886mm	1036mm	744mm
N6	679mm	859mm	995mm	662mm

Refer Series 614 for other areas.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

MAGNUM™ 618 WITH ClearVENT™



Series 618 Type 'CX' Sliding Doors

The ClearVENT™ window can be fitted into the sidelight of Series 618 sliding doors.

type 'CX' shown above

also available as:

'XC', 'CXXC', 'CXX', & 'XXC'.

The window requires grade 'A' safety glass.

Window can be fitted with flyscreen as shown left.

Maximum water resistance rating on this unit would be 300Pa.



CAD file: DWG or PDF
618.SLD

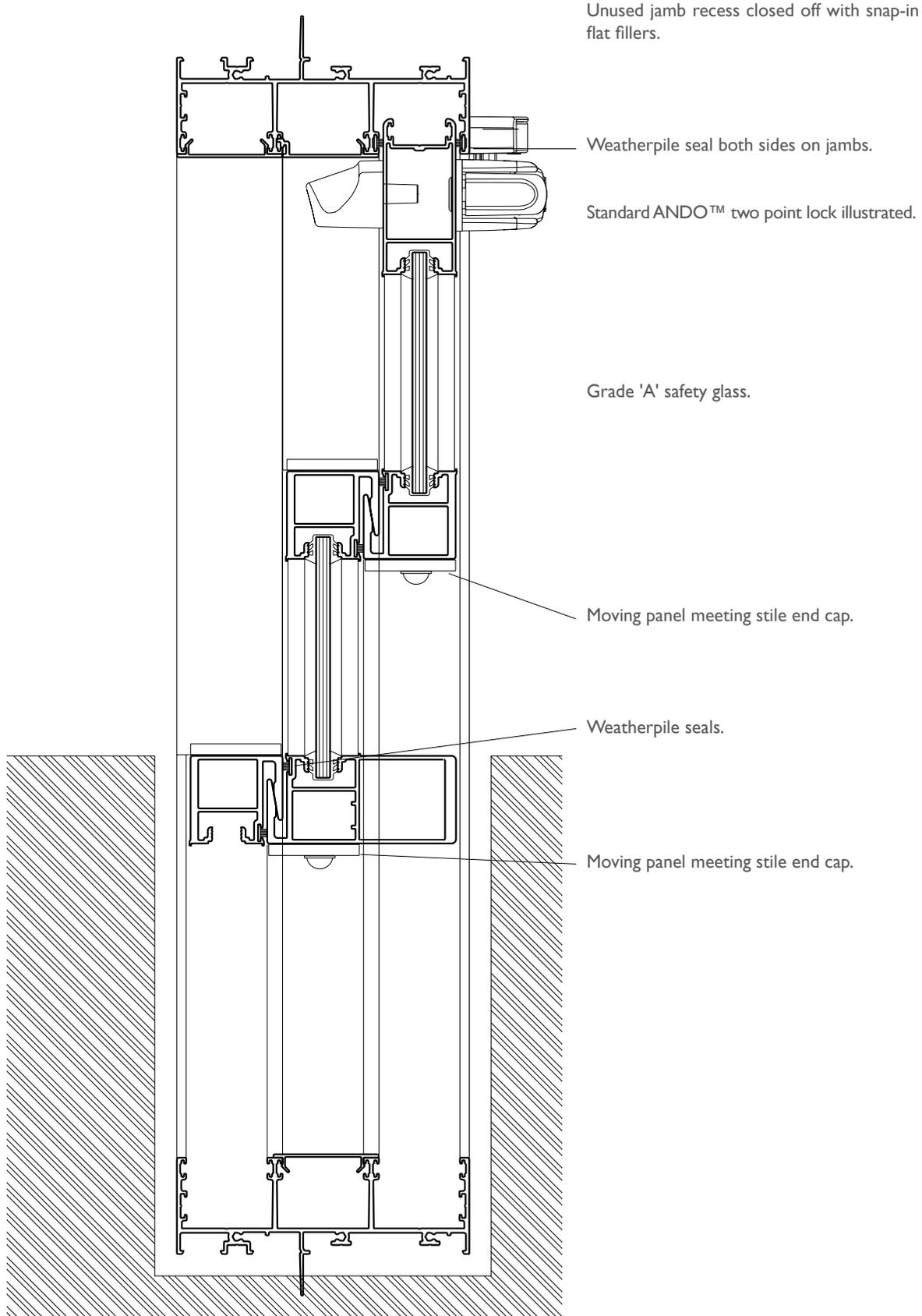


Go to our web site for details:
www.vantagealuminium.com.au
Residential sliding door section.

Series 618
MAGNUM™ Sliding Door

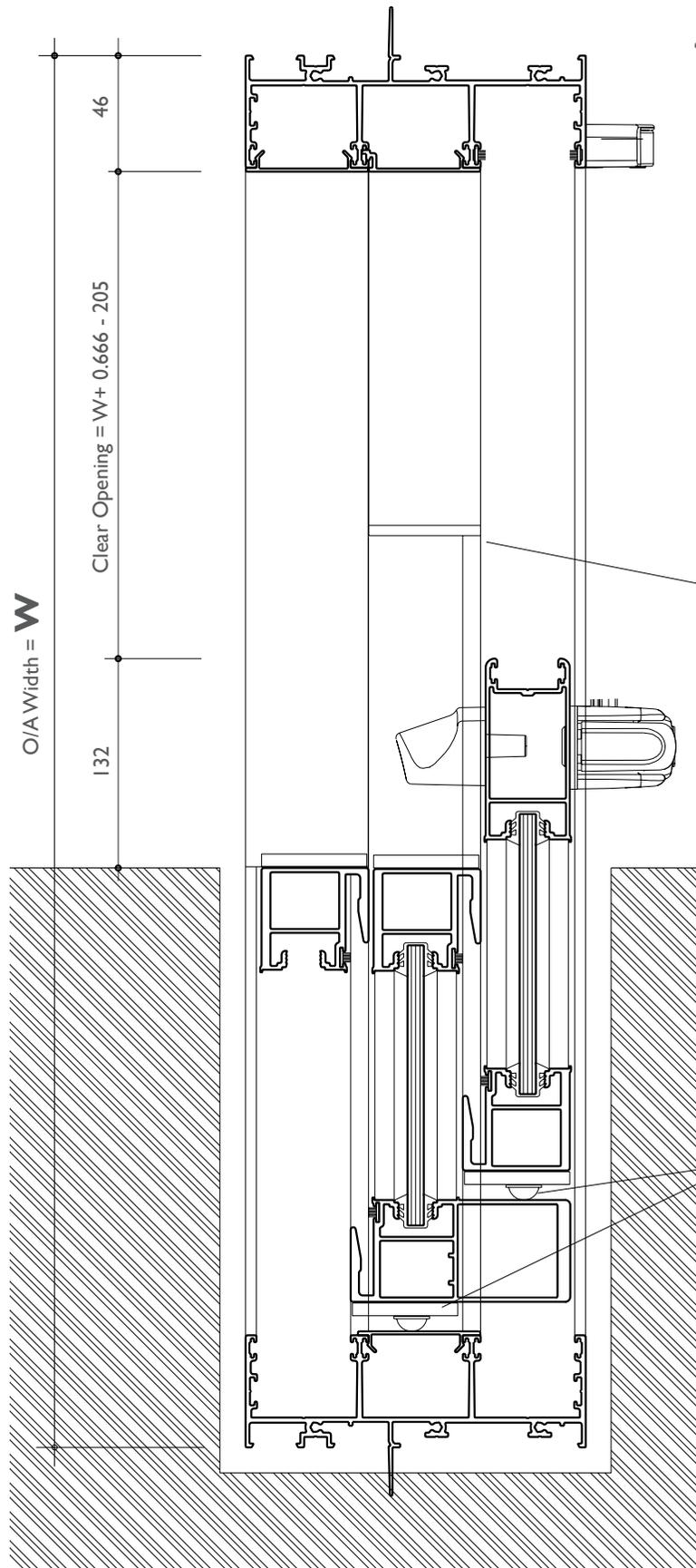
DATE: SEPT 21
 REPLACES: MAR 21
 SCALE: NOT TO SCALE

'XX' HORIZONTAL SECTION - CLOSED



Series 618
MAGNUM™ Sliding Door

DATE: SEPT 21
 REPLACES: MAR 21
 SCALE: NOT TO SCALE



'XX' HORIZONTAL SECTION - OPEN

Moulded nylon threshold end caps.

ANDO Slimline lock illustrated.

Adhesive buffer stops fitted to meeting stile end caps top and bottom.

This stops the doors in the correct position and protects the metal finish.

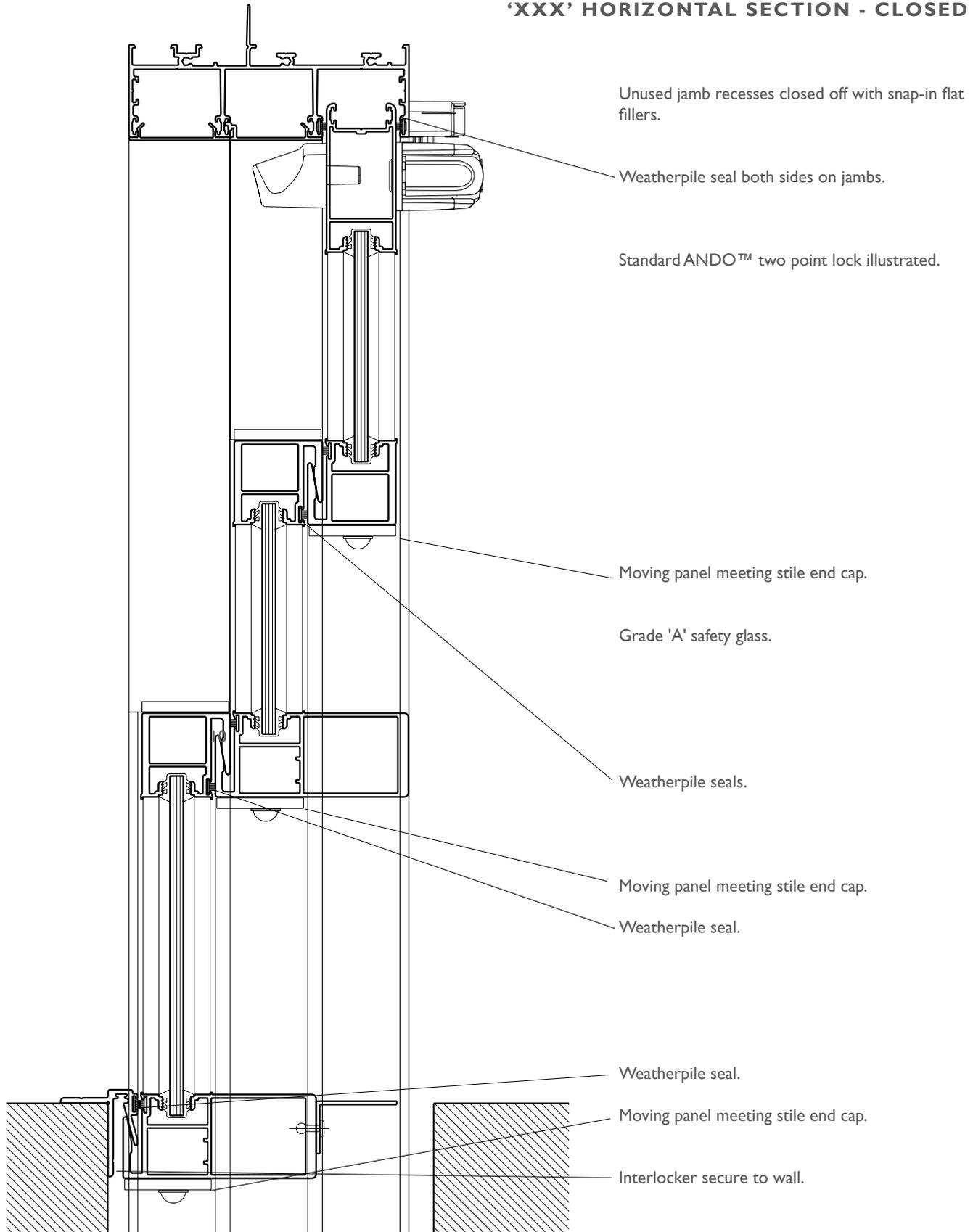
Note:

There are numerous ways of creating stack away doors. On these and the previous pages we have shown two examples.

Series 618
MAGNUM™ Sliding Door

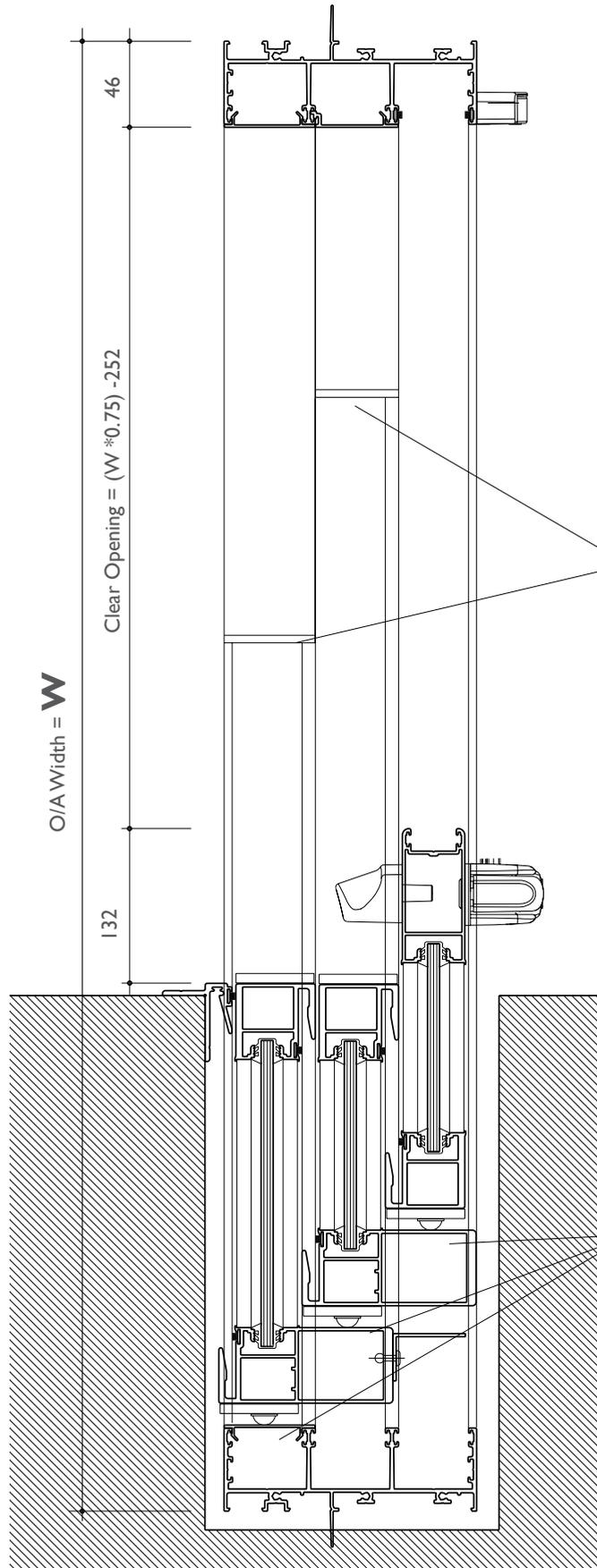
DATE: SEPT 21
 REPLACES: MAR 21
 SCALE: NOT TO SCALE

'XXX' HORIZONTAL SECTION - CLOSED



Series 618
MAGNUM™ Sliding Door

DATE: SEPT 21
 REPLACES: MAR 21
 SCALE: NOT TO SCALE



'XXX' HORIZONTAL SECTION - OPEN

Note: We also offer type XXXX cavity doors

Moulded nylon threshold end caps.

ANDO Slimline lock illustrated.

Adhesive buffer stops fitted to meeting stile end caps top and bottom.
 This stops the doors in the correct position and protects the metal finish.

Note:
 There are numerous ways of creating stack away doors. On these and the previous pages we have shown two examples.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

S4 RETRACTABLE SCREEN - PRODUCTION FEATURES

By far the largest and most robust retractable screening system on the market. The details in this section show the screen fitted behind the Series 618 MAGNUM sliding door. The screen can be fitted to any of the MAGNUM sliding door configurations including the maximum opening XXF, FXXXXF up to 8991 mm wide (with standard weave mesh) and corner doors.

The S4 screen frame can be coloured to match the sliding door frame.

Load Balancing Technology (LBT) allows for effortless fingertip control. With no spring-loading to fight against, the screen's lead-stile remains firmly in any chosen position until further pressure is applied. Load-balancing also means far greater mesh tension across the screen, eliminating any tendency to sag.

Tight Technology manufacturing techniques ensure control of the horizontal edges of the screen so they remain straight and tight across the widest spans.

A shock absorption system allows visitors taken in by the screen's unobtrusiveness and near invisibility to walk away with little more than a surprise.

Should strong winds blow the screen out of the top or bottom channels the mesh will self-feed back onto the roll as it is rolled away.

The S4 screen is an evolution of the highly successful S1 screen with a completely redesigned operating system including top and bottom tabs on the mesh to improve blowout resistance and allow blackout blinds to be added.

S4 is manufactured in stainless steel and reinforced engineered polymers. PetScreen Lite, the tough PVC coated polyester mesh used in the screen, is hard wearing and resistant to damage from pets and children. The mesh is easy to clean and can be replaced if damaged (service call required).

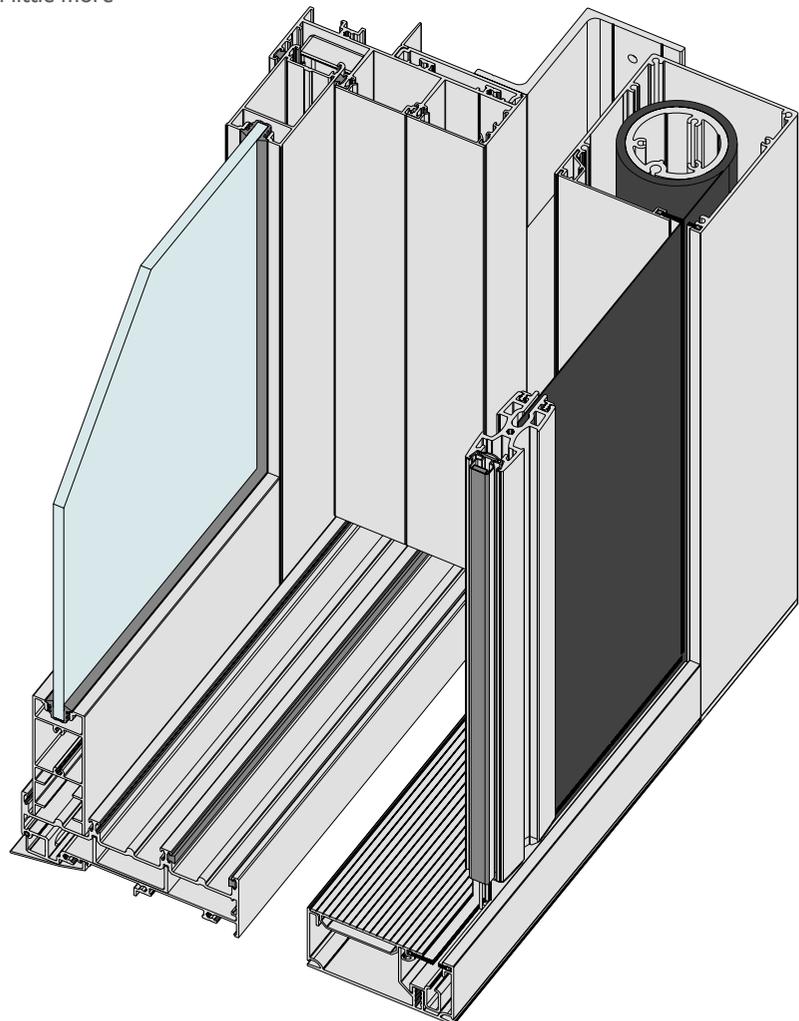
Large size screens available 3200mm x 4611mm wide single of 9013mm wide double bi-parting screens (with standard weave mesh). It's possible with a cavity sliding door and the S4 screen to get about a 95% clear opening.

SCREEN MAINTENANCE

Screen fabric should be cleaned with a soft brush or a damp soft cloth.

Tracking should be regularly cleaned to prevent the build-up of dirt and debris. A vacuum cleaner fitted with a nozzle is effective. The S4 has an 'easy fit' sill cover to facilitate simple cleaning and maintenance by the homeowner.

Operating mechanisms are fully contained and do not require maintenance other than keeping clear of dirt and debris.



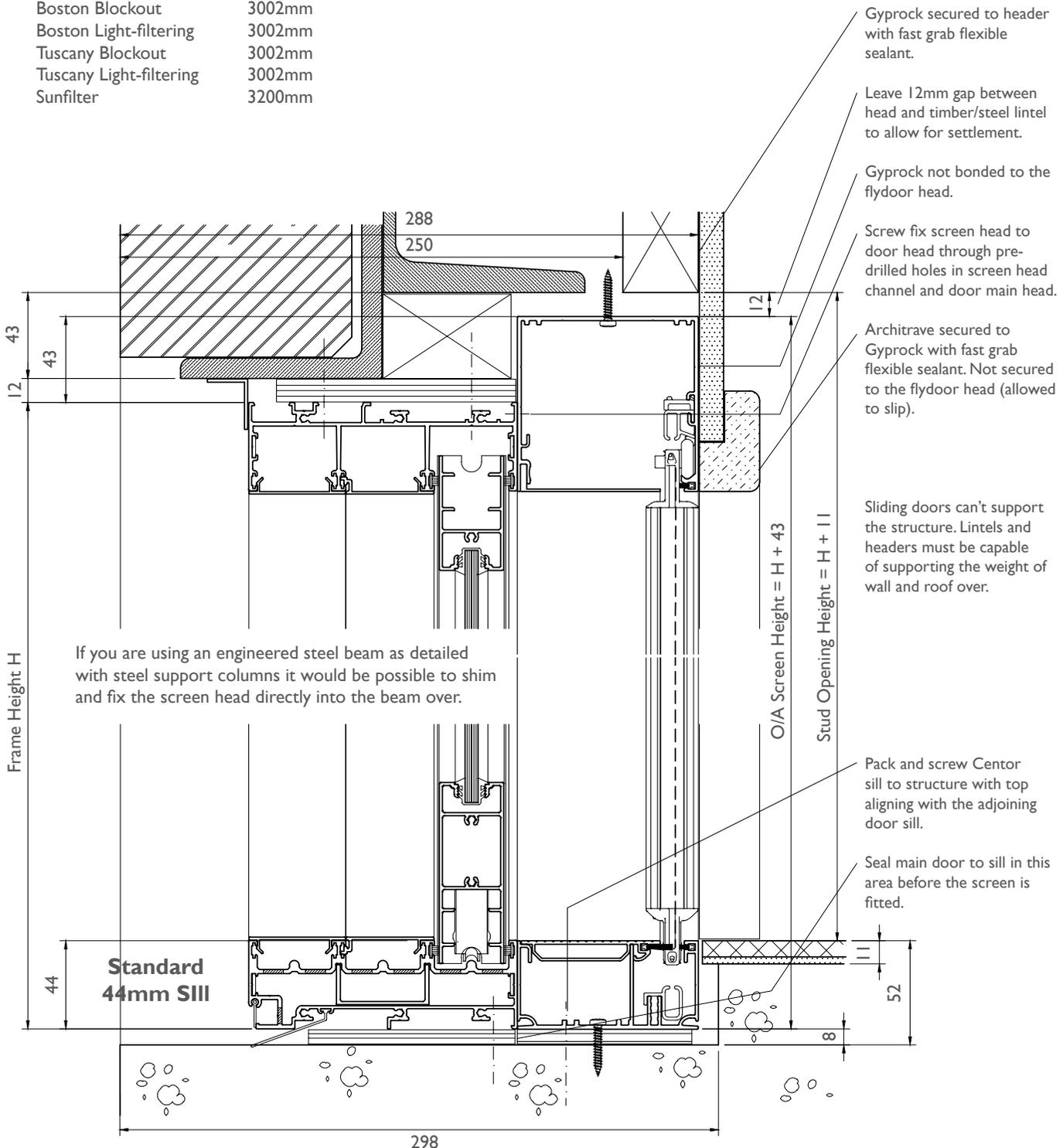
Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL VERTICAL CROSS SECTION SINGLE SCREEN WITH STANDARD 44MM SILL

MAXIMUM STANDARD WEAVE SCREEN FRAME HEIGHT

Standard Weave mesh	3200mm
Tight Weave mesh	3200mm
Air Weave mesh	3200mm
Boston Blockout	3002mm
Boston Light-filtering	3002mm
Tuscany Blockout	3002mm
Tuscany Light-filtering	3002mm
Sunfilter	3200mm



Important Note: The wall is 288mm thick excluding the internal wall lining.

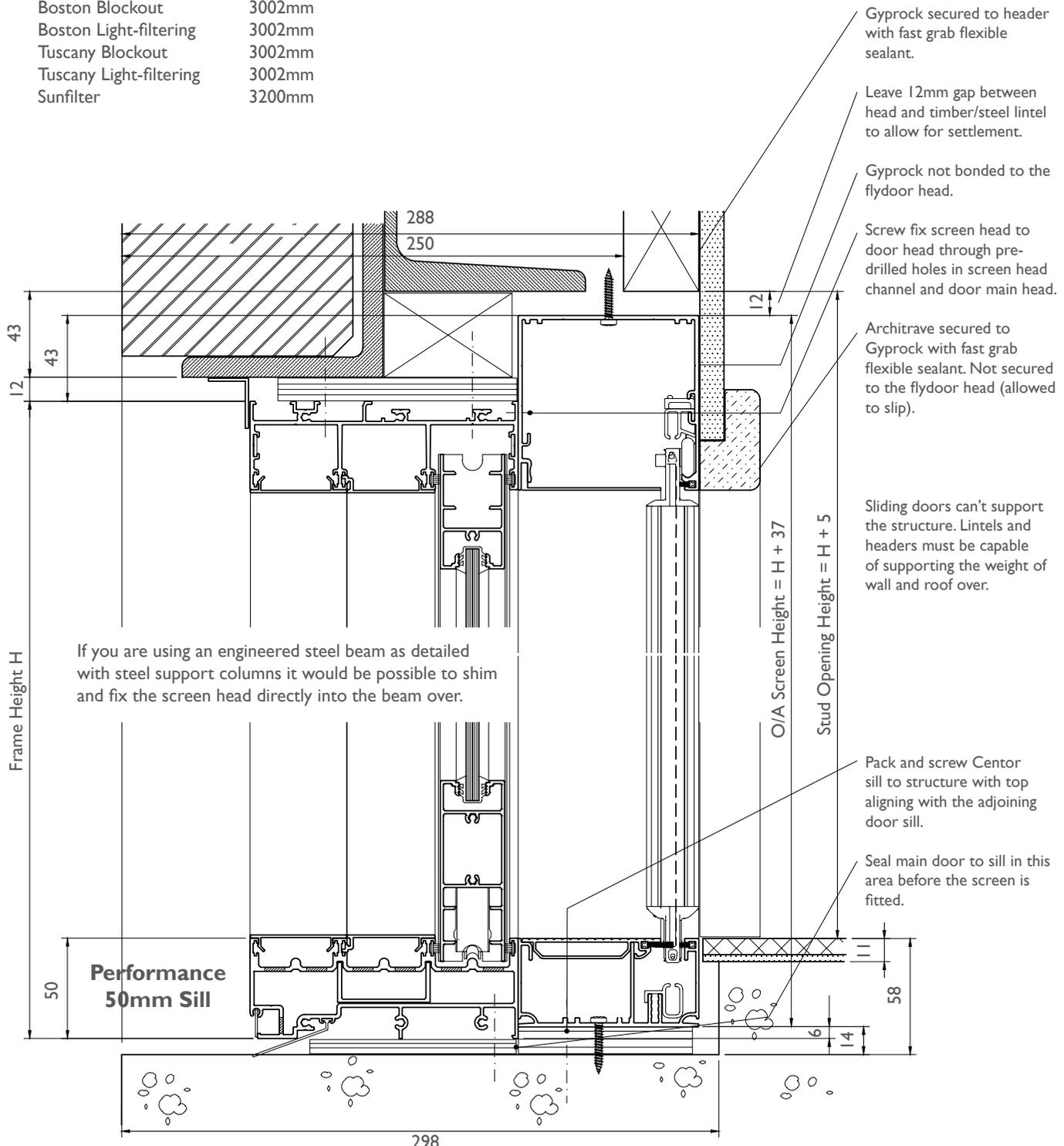
Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL VERTICAL CROSS SECTION SINGLE SCREEN WITH PERFORMANCE 50MM SILL

MAXIMUM STANDARD WEAVE SCREEN FRAME HEIGHT

Standard Weave mesh	3200mm
Tight Weave mesh	3200mm
Air Weave mesh	3200mm
Boston Blockout	3002mm
Boston Light-filtering	3002mm
Tuscany Blockout	3002mm
Tuscany Light-filtering	3002mm
Sunfilter	3200mm

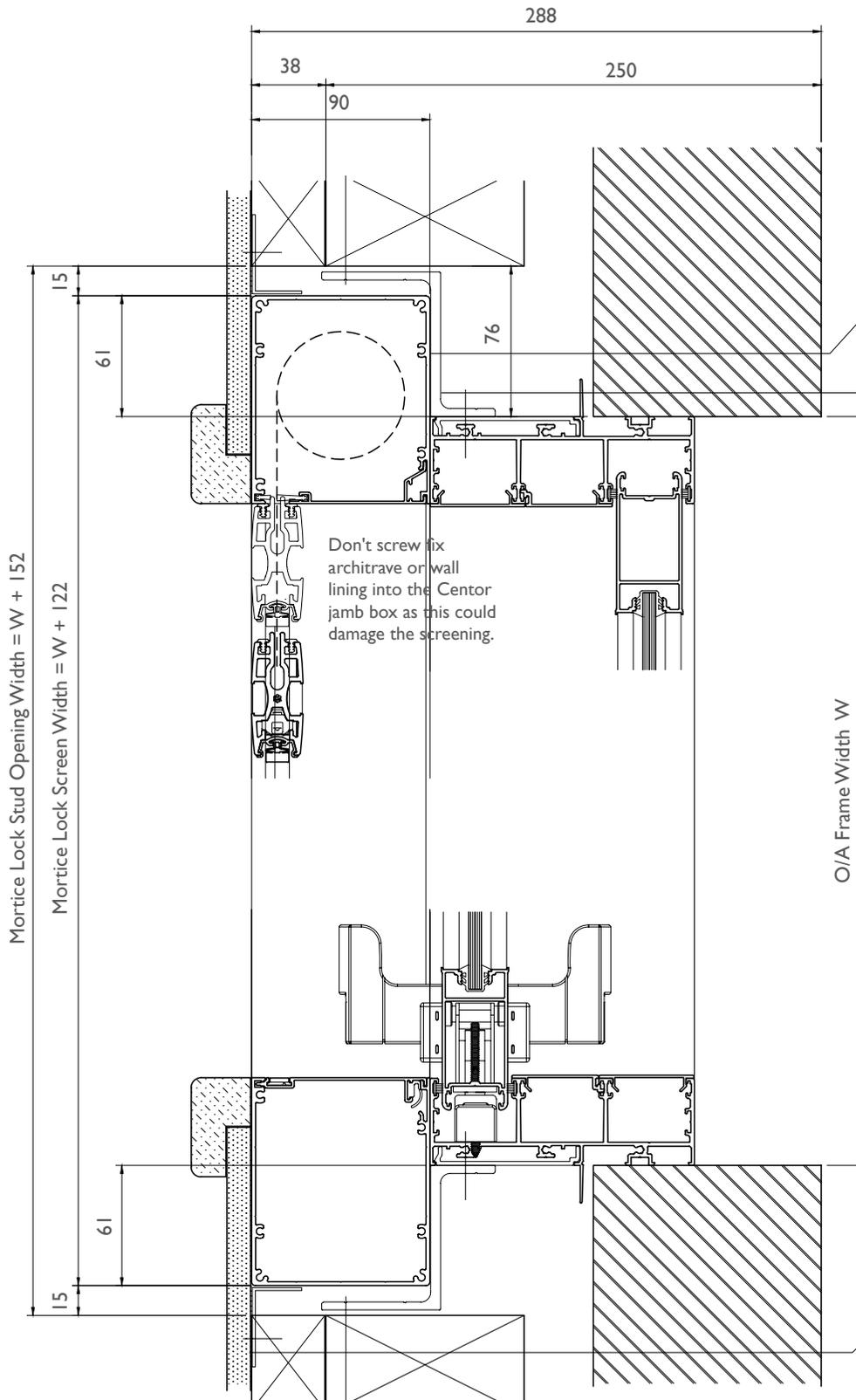


Important Note: The wall is 288mm thick excluding the internal wall lining.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION SINGLE SCREEN WITH MORTICE LOCK



Note: These dimensions suit single direction screens on XF and FX, plus FXF, XFF, FFX and FXXF when using mortice lock on main glass door as shown left.

Fitting double Combo screens to XF, FX, XFF and FFX doors will require a 40mm rebate on inside to allow access to door lock.

Centor jamb secured to the aluminium lugs with Sikaflex.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93119 & 93206 @ 450mm max. cts.

Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant

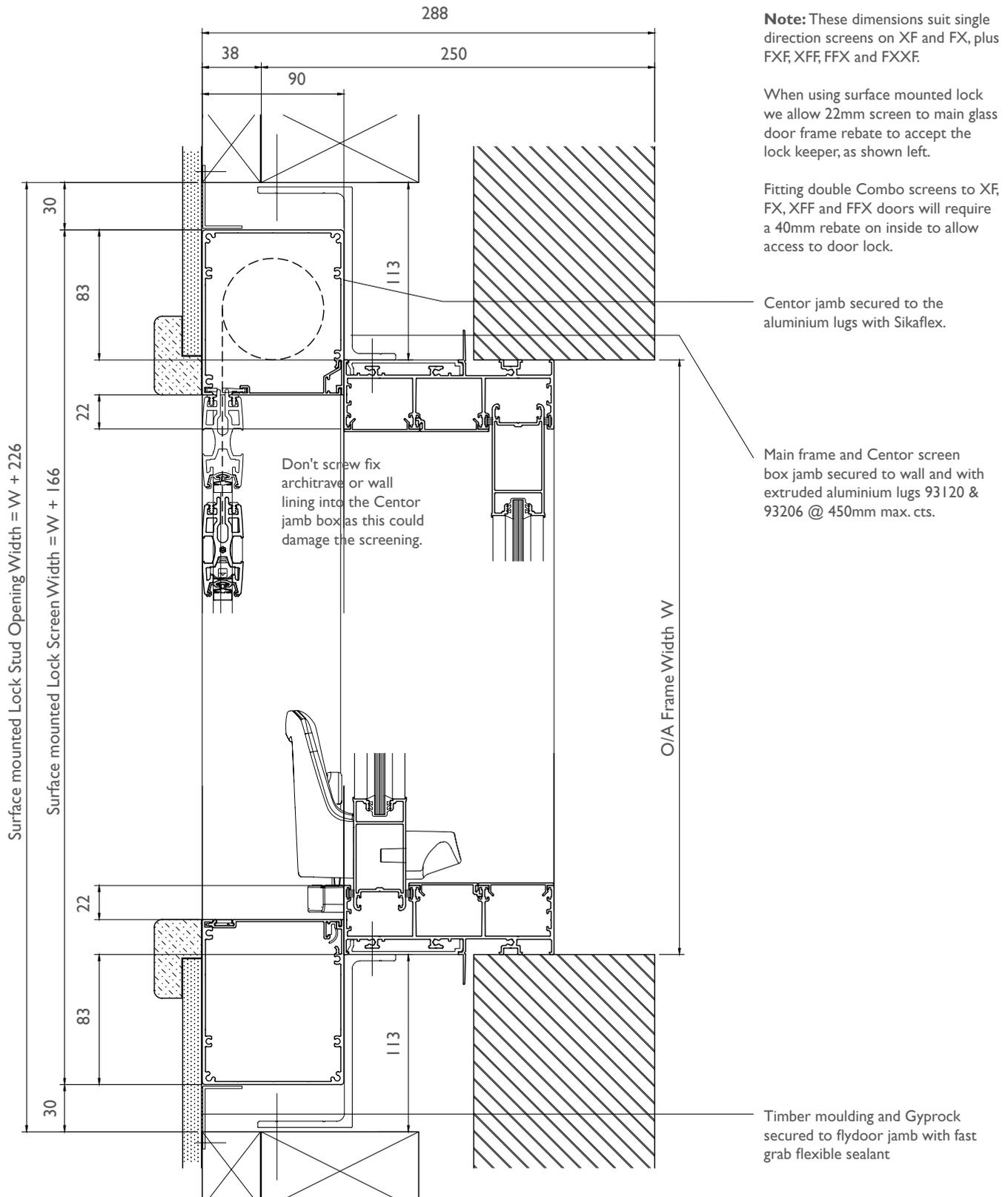
Important Note: The wall is 288mm thick excluding the internal wall lining. Made up of 250mm brick veneer wall with internal packing.



Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION SINGLE SCREEN WITH SURFACE MOUNTED LOCK

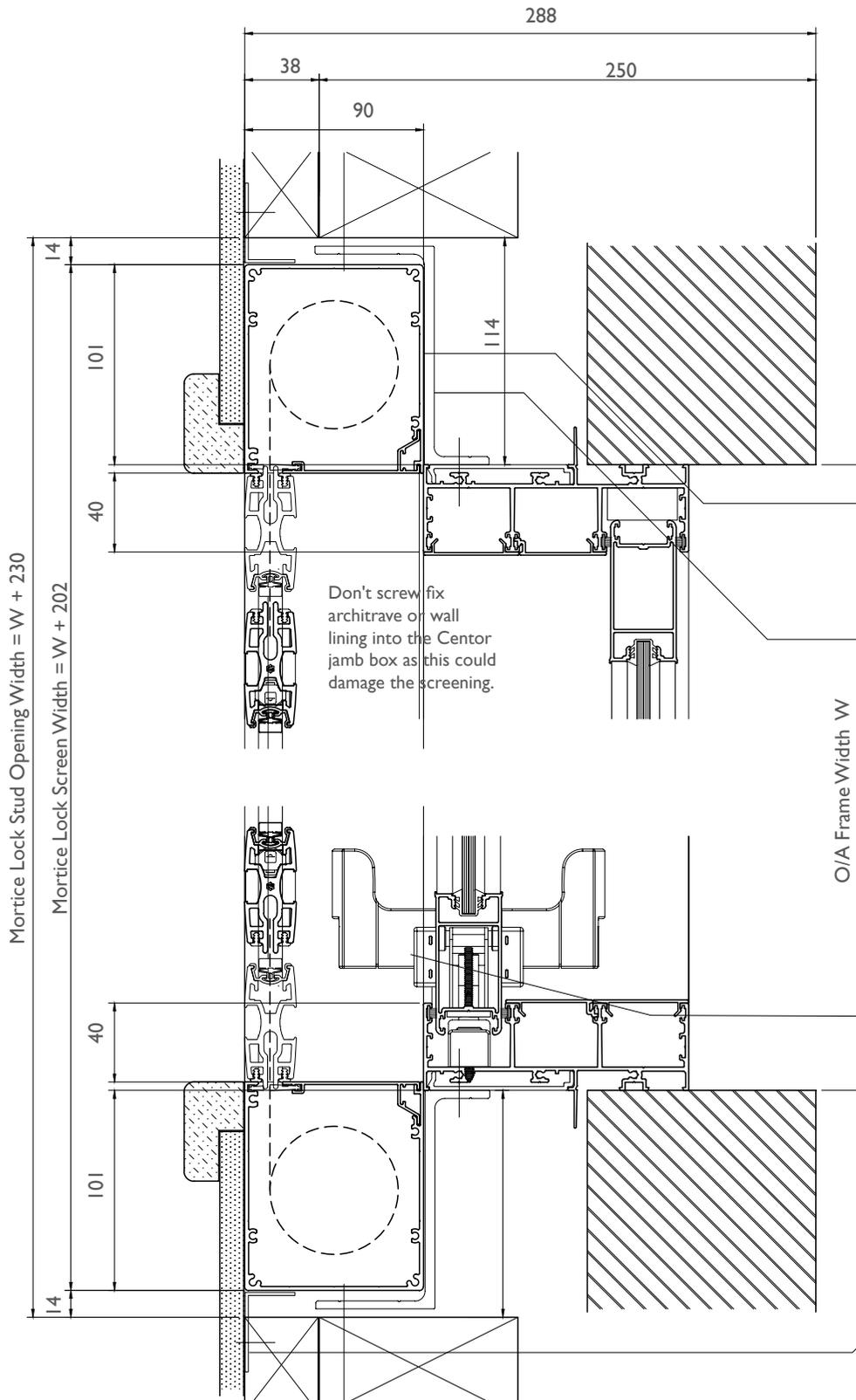


Important Note: The wall is 288mm thick excluding the internal wall lining. Made up of 250mm brick veneer wall with internal packing.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION BIPARTING SCREEN WITH MORTICE LOCK



Note: These dimensions suit double direction screens when the locking panel is on the jamb similar to what's shown left. The screen box is rebated the 40mm to allow access to the main glass door lock cylinder.

Fitting double Combo screens to XF, FX, XFF and FFX doors will require a 40mm rebate on inside to allow access to door lock.

Also note that if you select a combination screen the maximum screen width will be considerably smaller

Centor jamb secured to the aluminium lugs with Sikaflex.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93120 & 93206 @ 450mm max. cts.

By rebating the screen jamb we can get access to the glass door lock cylinder.

Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant

Don't screw fix architrave or wall lining into the Centor jamb box as this could damage the screening.

Mortice Lock Stud Opening Width = $W + 230$

Mortice Lock Screen Width = $W + 202$

O/A Frame Width W

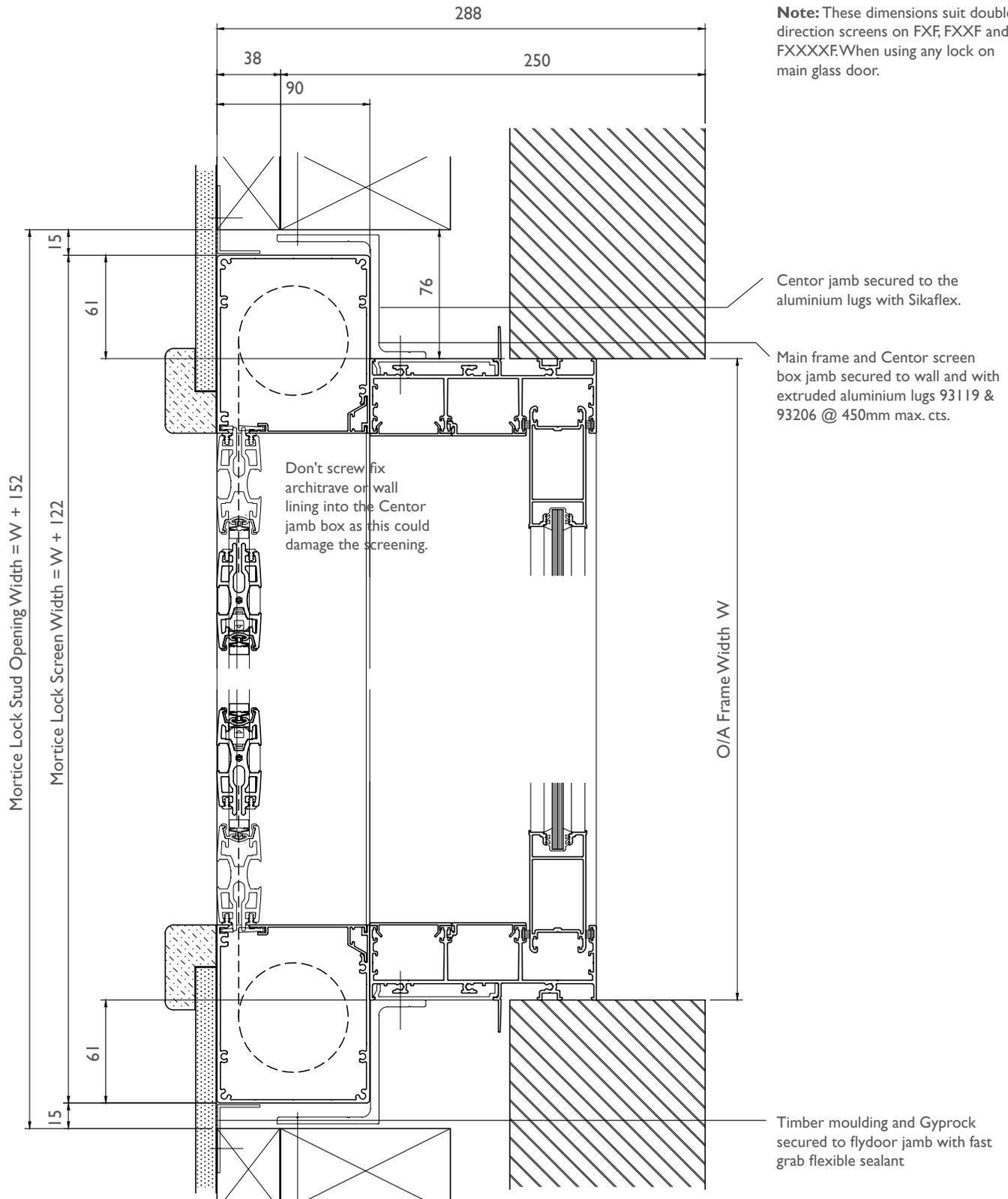
Important Note: The wall is 288mm thick excluding the internal wall lining. Made up of 250mm brick veneer wall with internal packing.



Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION BIPARTING SCREEN ON BIPARTING DOOR

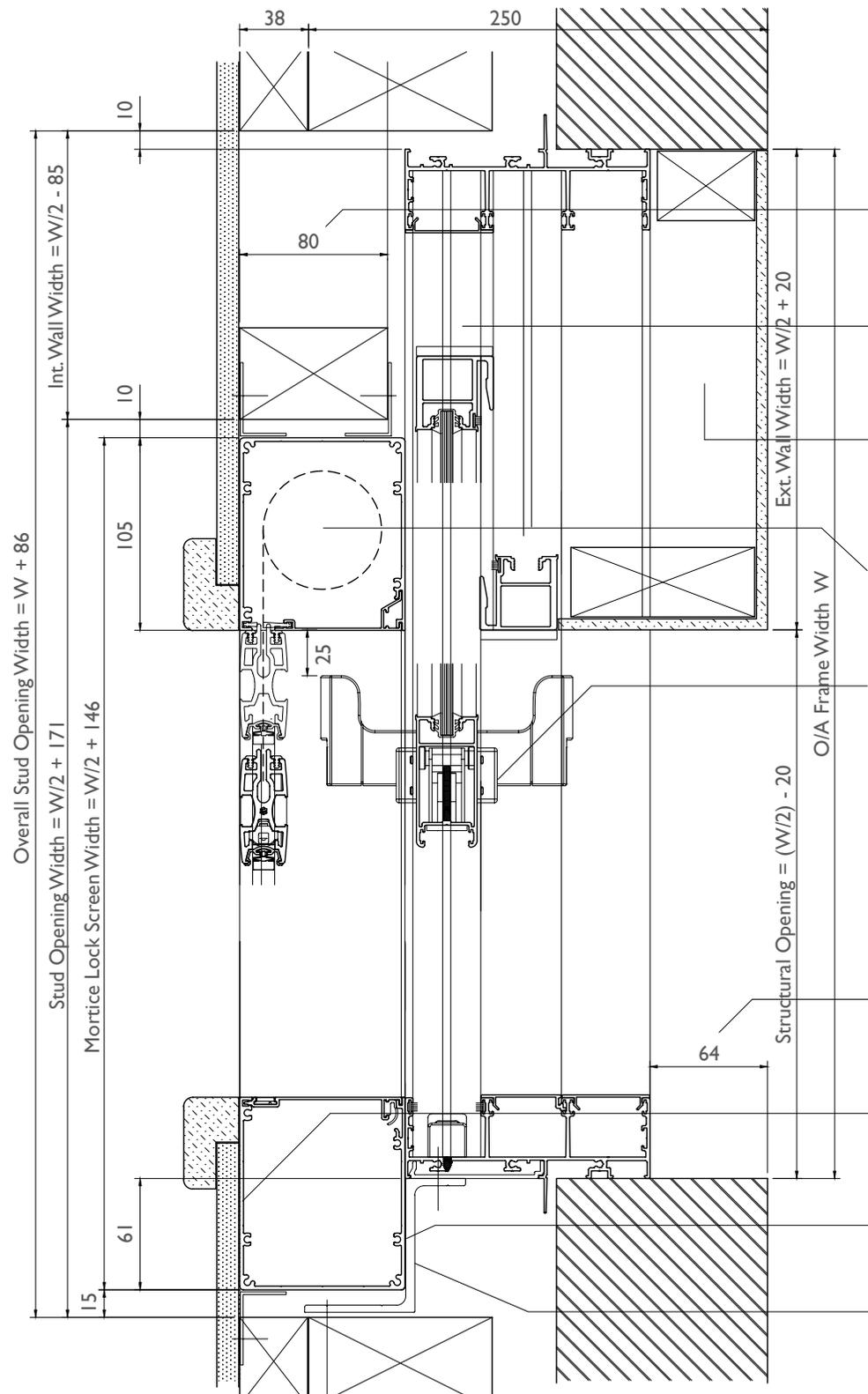


Important Note: The wall is 288mm thick excluding the internal wall lining. Made up of 250mm brick veneer wall with internal packing.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION XR CAVITY DOOR WITH SINGLE SCREEN & MORTICE LOCK



Note: These dimensions suit single direction screens on XR and XL. When using mortice lock on main glass door as shown left.

Fitting double Combo screens will require a 40mm rebate on inside to allow access to door lock.

Build 80mm maximum thickness stud wall on the inside, positioned as detailed.

Fit buffer stop top and bottom, cut back as required to give the appropriate stile projection.

We have drawn the external brick skin as the standard 115mm. If this was thicker the cover wall could also be constructed in brick.

Don't screw fix architrave or wall lining into the Centor jamb box as this could damage the screening.

Using a mortice lock on this single direction screen door will give the best finish as the screen canister is flush with main frame.

With 288mm Overall wall thickness the front setback will be 64mm as drawn.

Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Centor jamb secured to the aluminium lugs with Sikaflex.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93119 & 93206 @ 450mm max. cts.

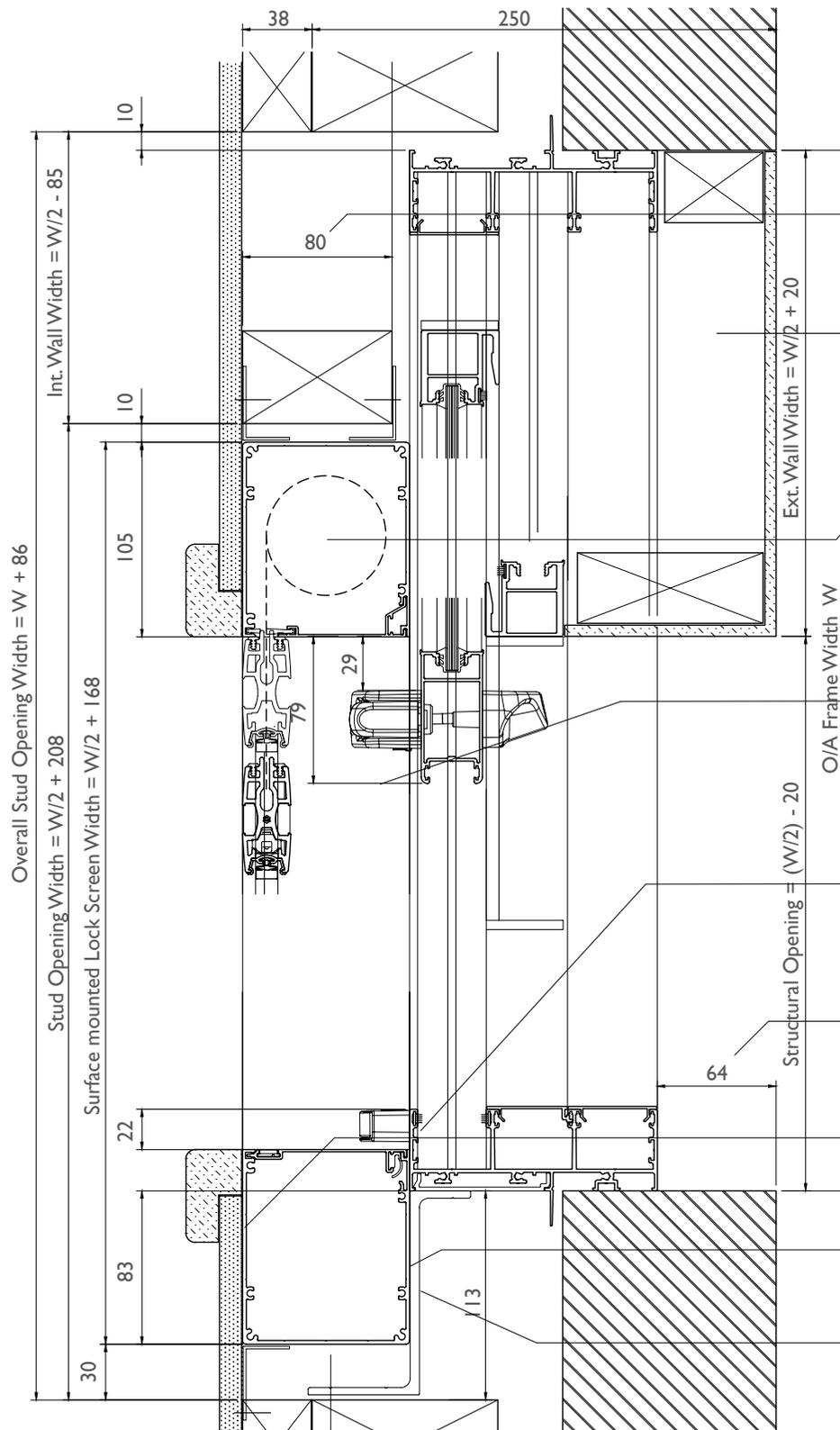
Important Note: The wall is 288mm thick excluding the internal wall lining. Made up of 250mm brick veneer wall with internal packing.



Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION XR CAVITY DOOR WITH SINGLE SCREEN & SURFACE LOCK



Note: These dimensions suit single direction screens on XR and XL. When using surface mounted lock on main glass door as shown left.

Fitting double Combo screens will require a 40mm rebate on inside to allow access to door lock.

Build 80mm maximum thickness stud wall on the inside, positioned as detailed.

We have drawn the external brick skin as the standard 115mm. If this was thicker the cover wall could also be constructed in brick.

Don't screw fix architrave or wall lining into the Centor jamb box as this could damage the screening.

The lock stile projects 79mm to ensure that the slimline lock (No D handle) can be operated and does not crash into the screen canister.

Screen canister recessed 22mm to allow space to fit the main glass door keeper, as drawn.

With 288mm Overall wall thickness the front setback will be 64mm as drawn.

Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Centor jamb secured to the aluminium lugs with Sikaflex.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93120 & 93206 @ 450mm max. cts.

Important Note: The wall is 288mm thick excluding the internal wall lining. Made up of 250mm brick veneer wall with internal packing.



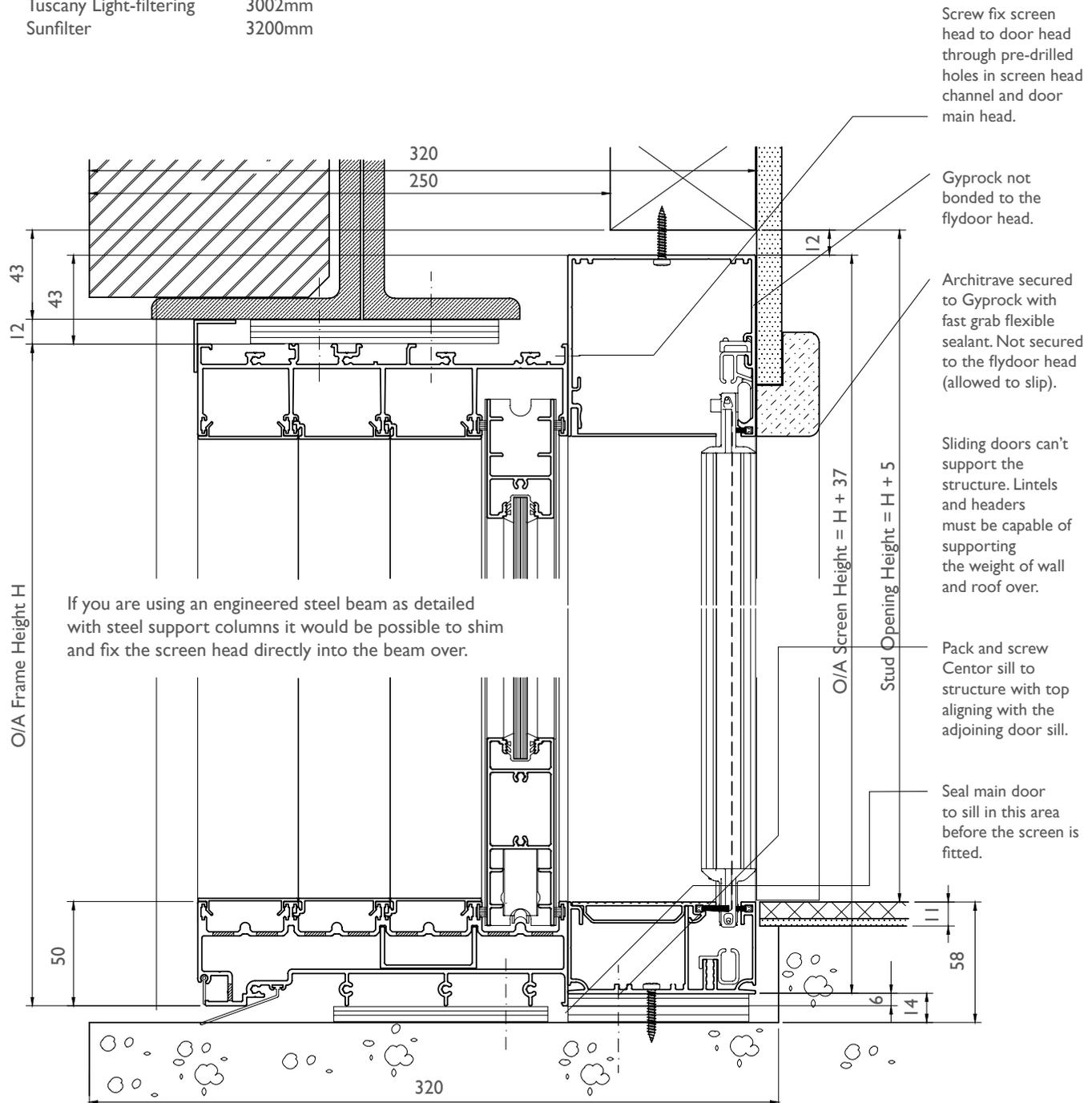
Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL VERTICAL CROSS SECTION DUAL SCREEN

MAXIMUM STANDARD WEAVE SCREEN FRAME HEIGHT

Standard Weave mesh	3200mm
Tight Weave mesh	3200mm
Air Weave mesh	3200mm
Boston Blockout	3002mm
Boston Light-filtering	3002mm
Tuscany Blockout	3002mm
Tuscany Light-filtering	3002mm
Sunfilter	3200mm

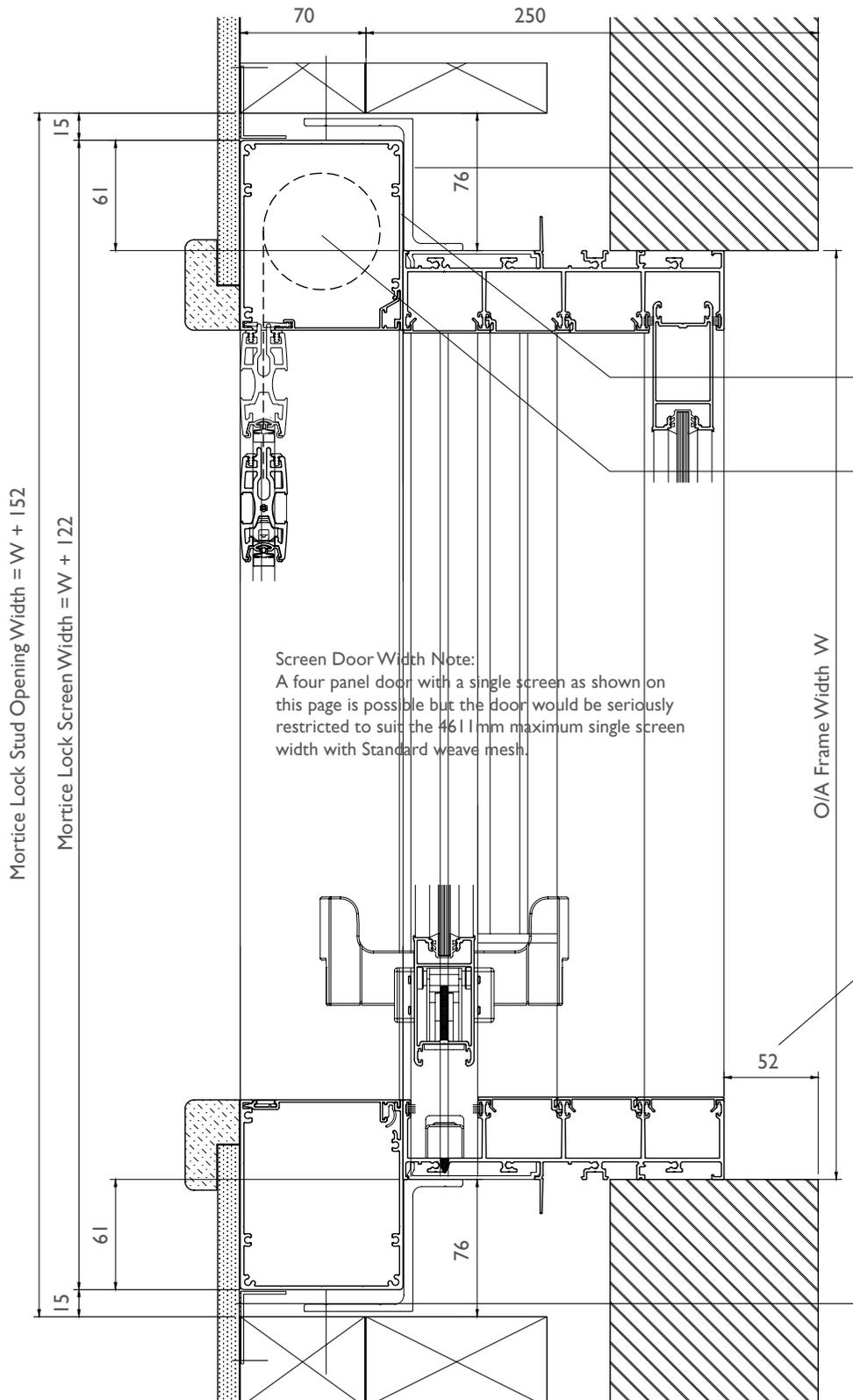


Important Note: The wall is 320mm thick excluding the internal wall lining. Made up of 250mm brick veneer wall with internal packing.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION XXXF SLIDING DOOR WITH SINGLE SCREEN & MORTICE LOCK



Note: These dimensions suit single direction screens on XXXF and FXXX when using mortice lock on main glass door as shown left.

Fitting double Combo screens will require a 40mm rebate on inside to allow access to door lock.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93119 & 93206 @ 450mm max. cts.

Centor jamb secured to the aluminium lugs with Sikaflex.

Don't screw fix architrave or wall lining into the Centor jamb box as this could damage the screening.

With 320mm Overall wall thickness the front setback will be 52mm as drawn.

Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

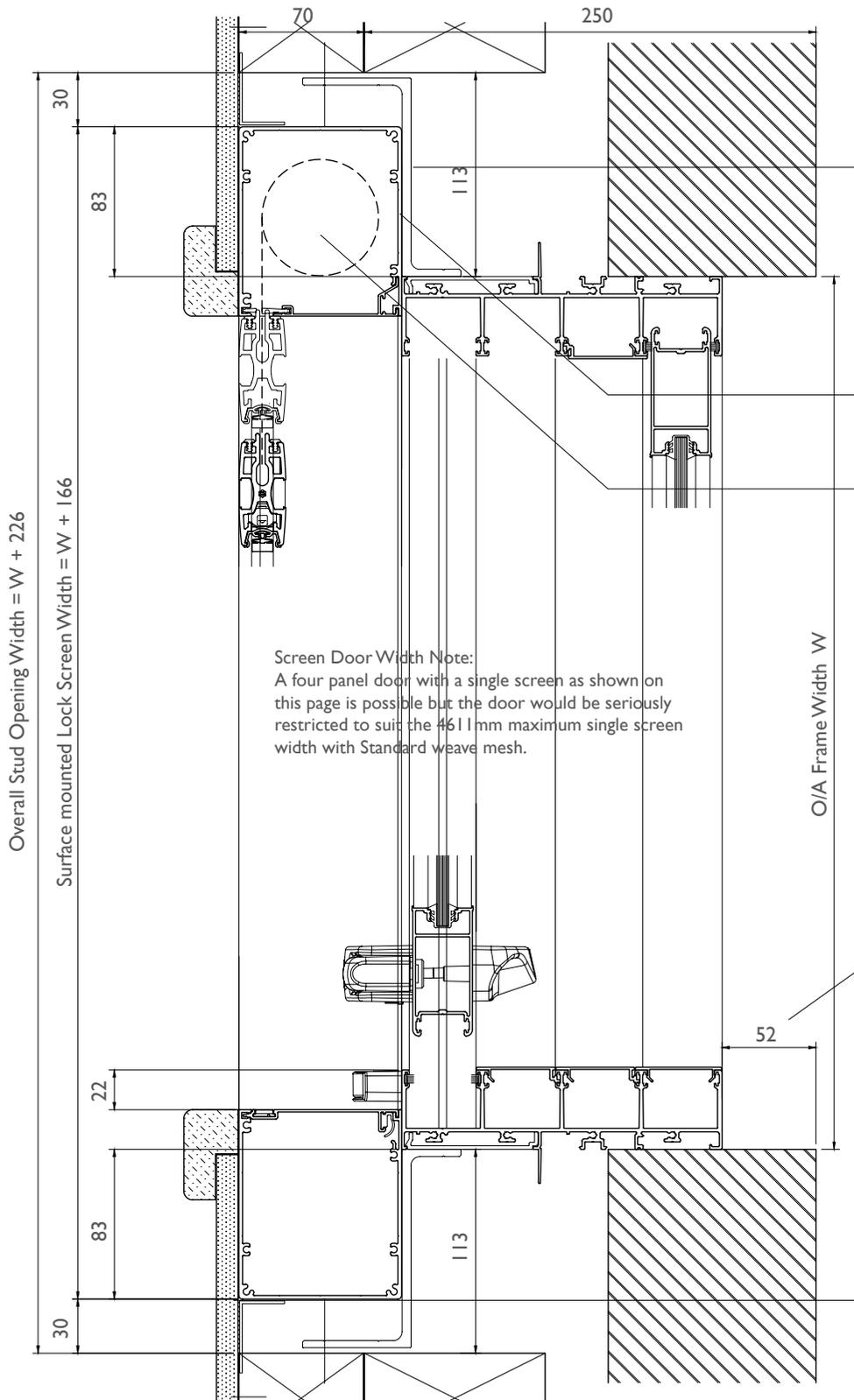
Important Note: The wall is 320mm thick excluding the internal wall lining. Made up of 250mm brick veneer wall with internal packing.



Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION XXXF SLIDING DOOR WITH SINGLE SCREEN & SURFACE MOUNTED LOCK



Note: These dimensions suit single direction screens on XXXF and FXXX. When using surface mounted lock on main glass door as shown left. Frame rebated to accept lock and keeper.

Fitting double Combo screens will require a 40mm rebate on inside to allow access to door lock.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93119 & 93206 @ 450mm max. cts.

Centor jamb secured to the aluminium lugs with Sikaflex.

Don't screw fix architrave or wall lining into the Centor jamb box as this could damage the screening.

With 320mm Overall wall thickness the front setback will be 52mm as drawn.

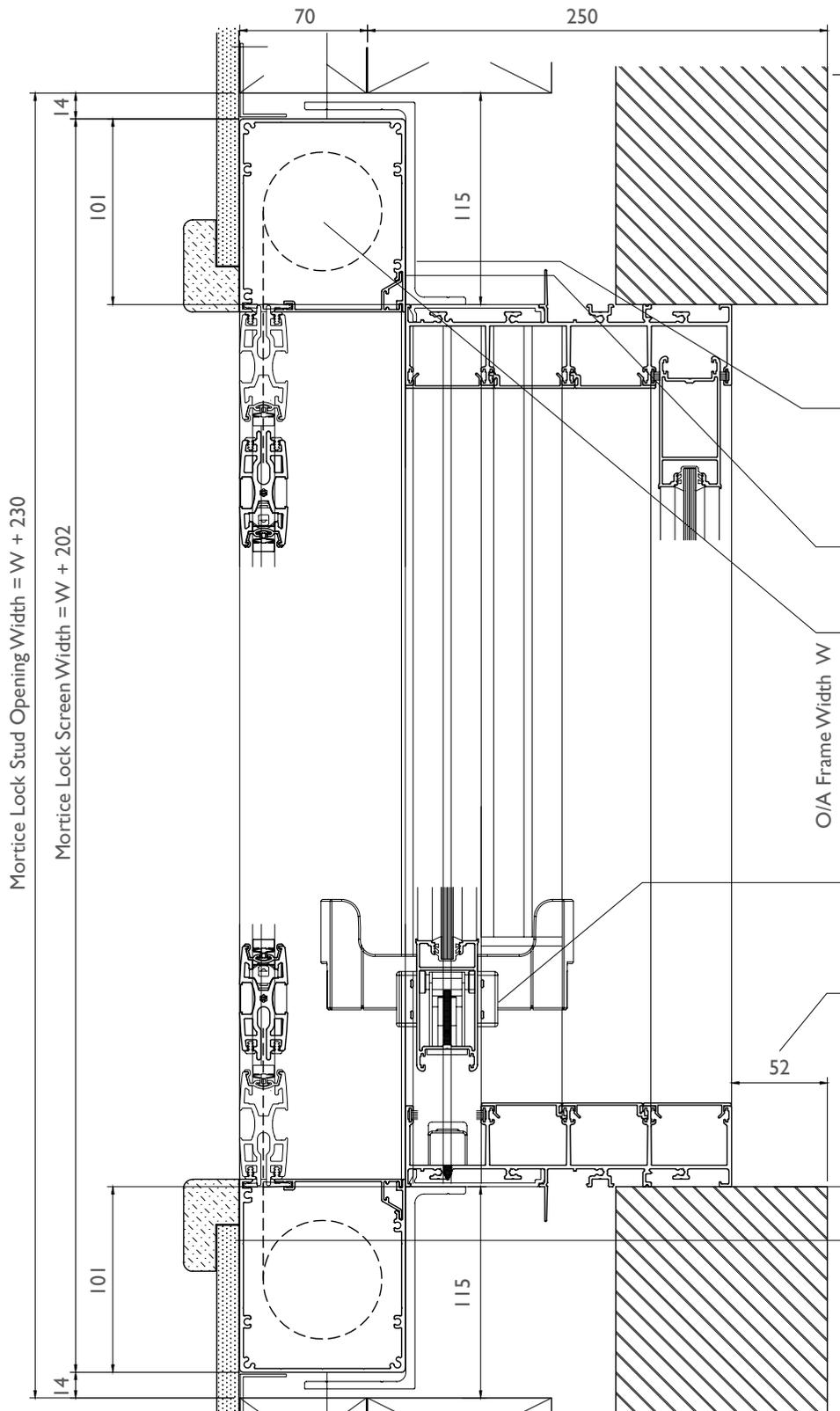
Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Important Note: The wall is 320mm thick excluding the internal wall lining. Made up of 250mm brick veneer wall with internal packing.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION XXXF SLIDING DOOR WITH DUAL SCREEN & MORTICE LOCK



Note: These dimensions suit double direction screens when the locking panel is on the jamb similar to what's shown left. The screen box is rebated the 40mm to allow access to the main glass door lock cylinder.

With very large doors remember that the maximum double screen width is 9013mm with Standard weave mesh.

Also note that if you select a combination screen the maximum screen width is considerably smaller.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93120 & 93206 @ 450mm max. cts.

Centor jamb secured to the aluminium lugs with Sikaflex.

Don't screw fix architrave or wall lining into the Centor jamb box as this could damage the screening.

By rebating the screen jamb we can get access to the glass door lock cylinder.

With 320mm Overall wall thickness the front setback will be 52mm as drawn.

Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Mortice Lock Stud Opening Width = W + 230

Mortice Lock Screen Width = W + 202

O/A Frame Width W

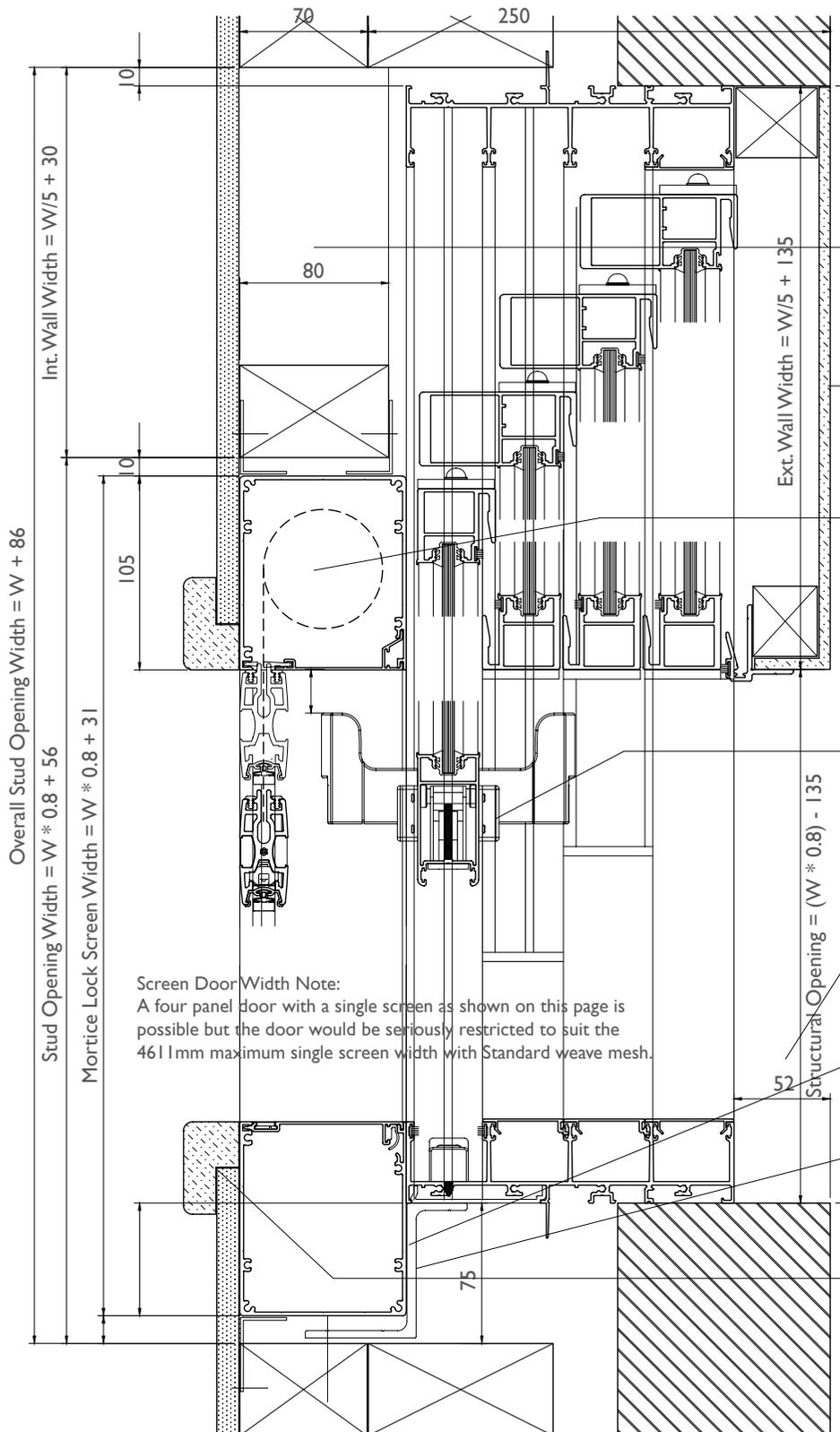
Important Note: The wall is 320mm thick excluding the internal wall lining. Made up of 250mm brick veneer wall with internal packing.



Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION XXXXR SLIDING DOOR WITH SINGLE SCREEN & MORTICE LOCK



Note: These dimensions suit single direction screens on XXXXR and XXXXL. When using mortice lock on main glass door as shown left.

Fitting double Combo screens will require a 40mm rebate on inside to allow access to door lock.

Build 80mm maximum thickness stud wall on the inside, positioned as detailed.

We have drawn the external brick skin as the standard 115mm. If this was thicker the cover wall could also be constructed in brick.

Don't screw fix architrave or wall lining into the Centor jamb box as this could damage the screening.

Using a mortice lock on this single direction screen door will give the best finish as the screen canister is flush with main frame.

With 320mm Overall wall thickness the front setback will be 52mm as drawn.

Centor jamb secured to the aluminium lugs with Sikaflex.

Main frame and Centor screen box jamb secured to wall with extruded aluminium lugs 93119 & 93206 @ 450mm max. cts.

Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Int. Wall Width = $W/5 + 30$

Overall Stud Opening Width = $W + 86$

Stud Opening Width = $W * 0.8 + 56$

Mortice Lock Screen Width = $W * 0.8 + 31$

Ext. Wall Width = $W/5 + 135$

O/A Frame Width W

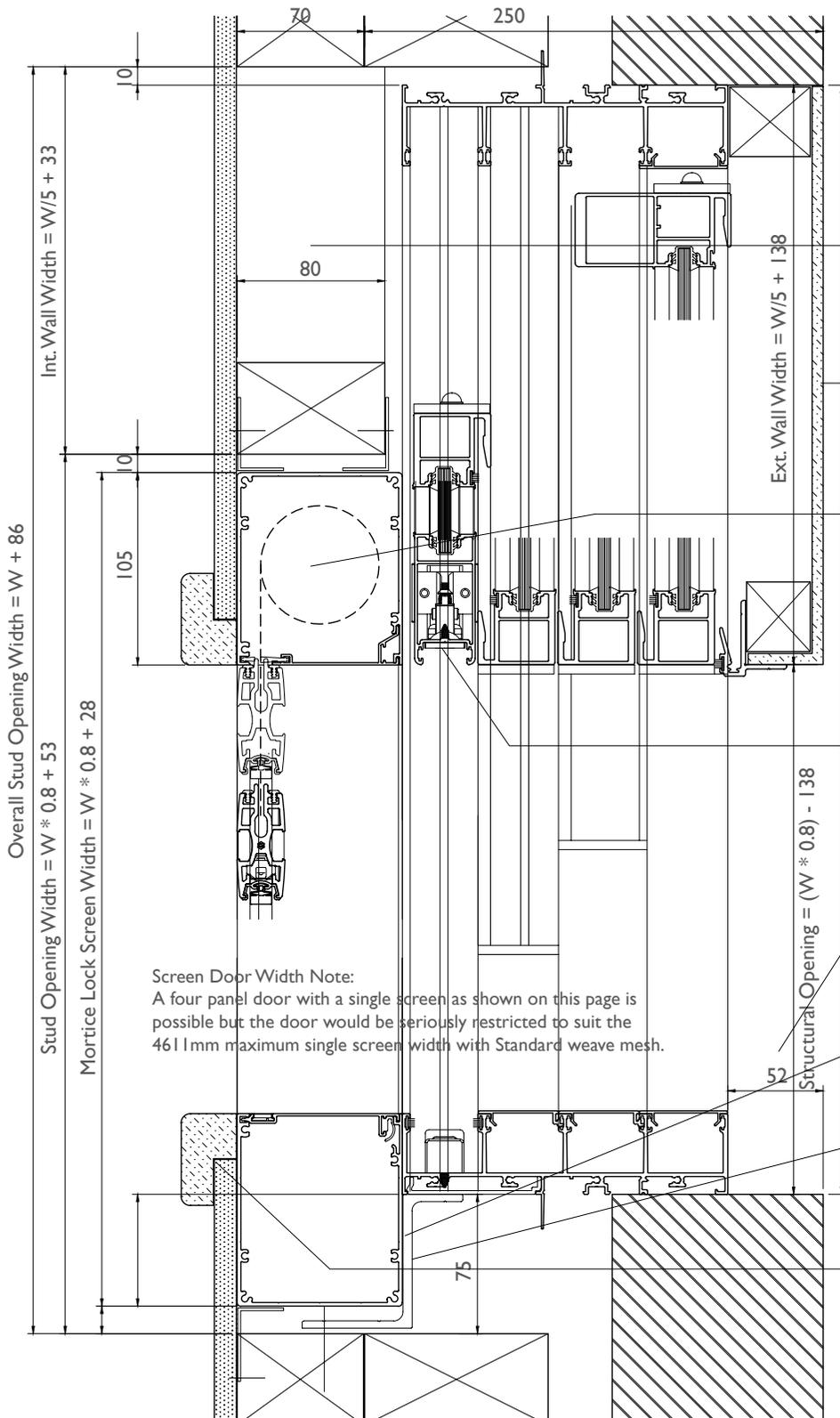
Structural Opening = $(W * 0.8) - 135$

Screen Door Width Note:
A four panel door with a single screen as shown on this page is possible but the door would be seriously restricted to suit the 461mm maximum single screen width with Standard weave mesh.

Series 618 MAGNUM™ Sliding Door

DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

TYPICAL HORIZONTAL CROSS SECTION XXXXR SLIDING DOOR WITH SINGLE SCREEN & FLUSH MORTICE LOCK



Note: These dimensions suit single direction screens on XXXXR and XXXXL. When using mortice lock on main glass door as shown left.

Fitting double Combo screens will require a 40mm rebate on inside to allow access to door lock.

Build 80mm maximum thickness stud wall on the inside, positioned as detailed.

We have drawn the external brick skin as the standard 115mm. If this was thicker the cover wall could also be constructed in brick.

Don't screw fix architrave or wall lining into the Centor jamb box as this could damage the screening.

Mortice fully recessed lock with finger pulls on the main glass door.

With 320mm Overall wall thickness the front setback will be 52mm as drawn.

Centor jamb secured to the aluminium lugs with Sikaflex.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93119 & 93206 @ 450mm max. cts.

Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Screen Door Width Note:
A four panel door with a single screen as shown on this page is possible but the door would be seriously restricted to suit the 461mm maximum single screen width with Standard weave mesh.

