ELEVATE
ALUMINIUM SYSTEMS

ARCHITECTURAL SERIES

Series 704

SlideMASTER™ Sliding Door

Photo courtesy of Evolution Window Systems

AWS
ARCHITECTURAL WINDOW SYSTEMS PTY LTD

DATE: SEPTEMBER 2021 | REPLACES: MARCH 2021

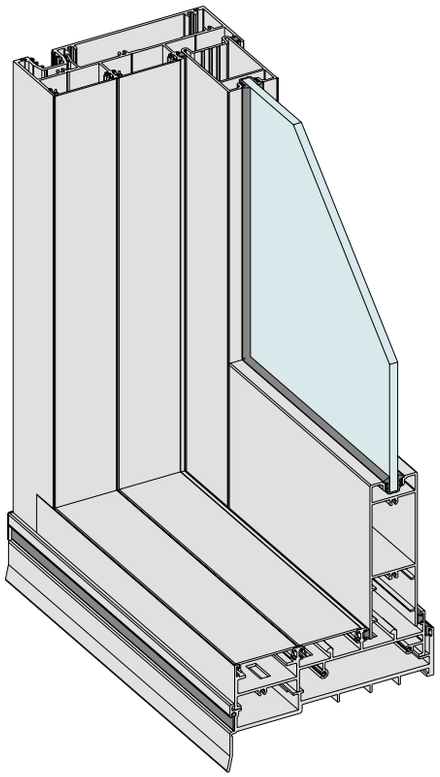
ELEVATE
ALUMINIUM SYSTEMS

Series 704

SlideMASTER™ SLIDING DOOR

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

KEY FEATURES/PERFORMANCE CHARACTERISTICS

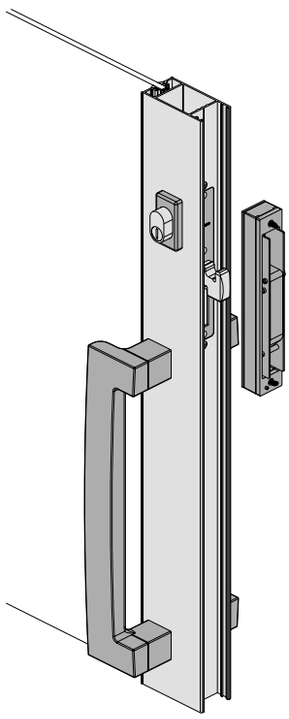


Series 704 SlideMASTER™ Sliding Door
External view.

- The Series 704 SlideMASTER™ high performance sliding door has been tested for compliance with the relevant Australian Standards. Achieved a very high water resistance of >450Pa and complied with the airconditioning requirements of the standard.
- The extra strong multi-hollow meeting stiles allow large sliding doors to be fabricated in high wind load areas.
- There are a large variety of door combinations possible: FX, FXXF, FXXXXF, XXXF, FXXX and FXXXXXXF. Plus a 90° corner unit FX^XF, FXX^XXF and FXXX^XXXF also available.
- Doors can be fitted with surface mounted deadlock, mortice lock or multi-point mortice lock.
- Doors run on heavy-duty double bogey wheel carriages.
- Aluminium sub-sills are available and should be used in all installations.
- Doors can be fitted with Centor™ S4 retractable flyscreens behind the sliding glass doors.
- We offer a large range of locks that can be fitted into Series 704 panels including the Lockwood commercial grade 3541 lock with spring loaded keeper.
- The detail below shows ICON™ brushed 316 stainless steel pull handles.

Maximum Panel Height*	3300mm
Maximum Panel Width*	2500mm
Maximum Glass Thickness	≤24mm

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



2D & 3D CAD FILES AVAILABLE

To access 2D & 3D CAD models visit our online specifier resource centre
www.specifyaws.com.au

MORE INFORMATION

For the latest updates regarding this product visit our website
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SOUND REDUCTION

A number of glass combinations have been tested with this system to acheive sound reduction numbers listed below.

Glass Description	Rating
10.38mm Laminated glass	Rw31
10.50 VLam Hush glass	Rw32

HOW TO SPECIFY

SYSTEM NAME

Elevate™ Aluminium Systems Series 704 SlideMASTER™ Sliding Door

FINISH

Powder Coat

Anodised

COLOUR

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

GLASS

Specify thickness ≤24mm

Specify thermal performance where applicable (Uw & SHGC)

Specify acoustic performance where applicable (RW)

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.

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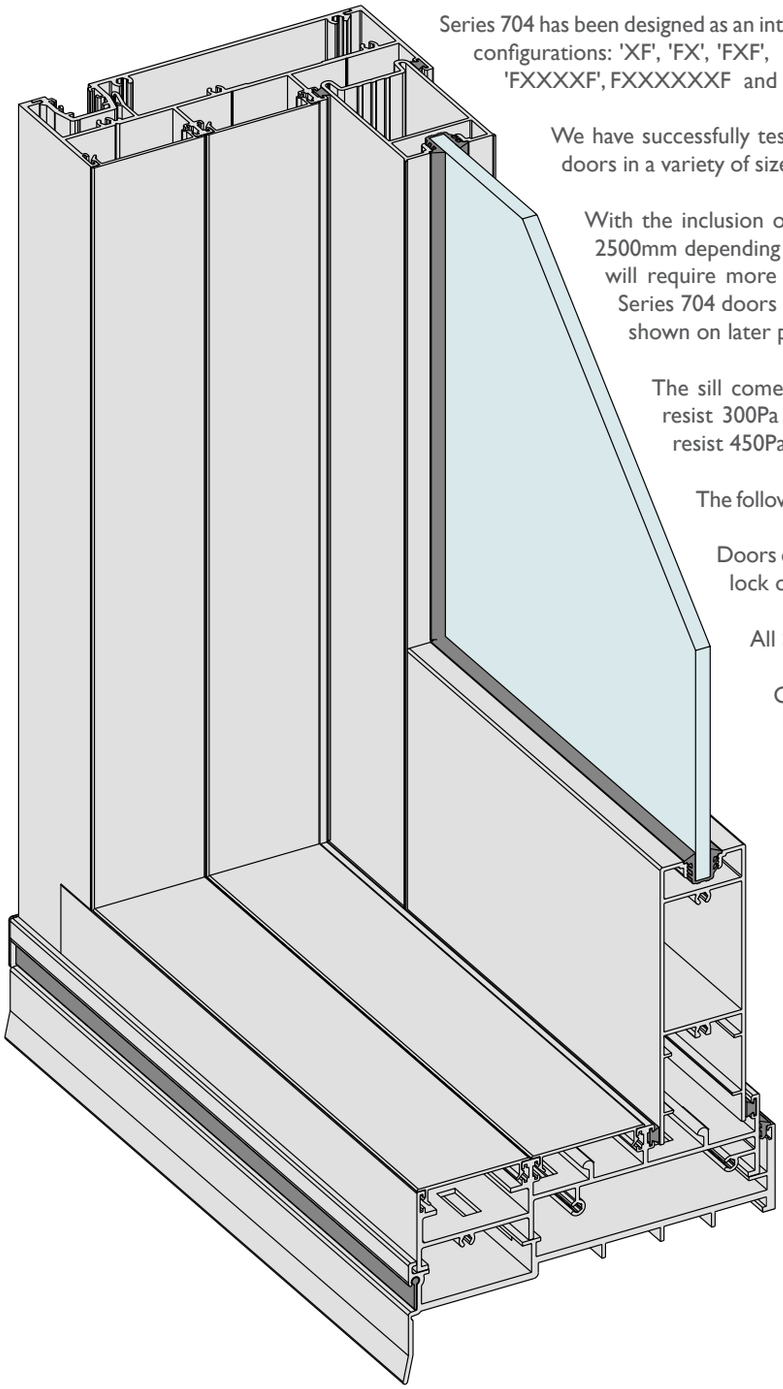
DESIGN FEATURES



Series 704 has been designed as an internal sliding door that can be fabricated in numerous configurations: 'XF', 'FX', 'FXF', XFF', 'FFX', 'XXF', 'FXX', 'FXXF', 'XXXF', 'FXXX', 'FXXXXF', FXXXXXXF and corner doors.

We have successfully tested both single track and double (stacking) sliding doors in a variety of sizes for compliance with Australian Standard AS 2047.

With the inclusion of rail stiffeners, we can get the panel width up to 2500mm depending on the wind load. Be aware that large heavy doors will require more effort to open and slide. We have tested several Series 704 doors in a variety of sizes and the result of these tests are shown on later pages.

The sill comes in two heights, the standard 35mm high sill will resist 300Pa water, while the 55mm high performance sill will resist 450Pa water.

The following pages also illustrate the various rail types offered.

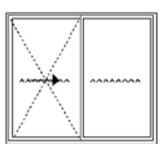
Doors can be fitted with surface mounted deadlock, mortice lock or multi-point mortice lock.

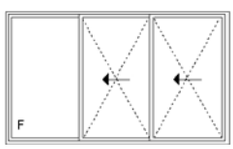
All Series 704 doors run on double bogey wheels.

Custom aluminium sub-sills with built-in anti-blowback drainage hole cover flap are always fitted under SlideMASTER™ sliding doors.

One of the main visual features with Series 704 sliding doors are the flat square frame with flat fillers that close off all unwanted recesses.

Series 704 doors can be fitted with Centor™ S4 retractable flyscreens on the inside. Details on screen doors are shown on later pages.





Most of the features on this product can be seen in full colour on our website:
www.specifyaws.com.au

Series 704

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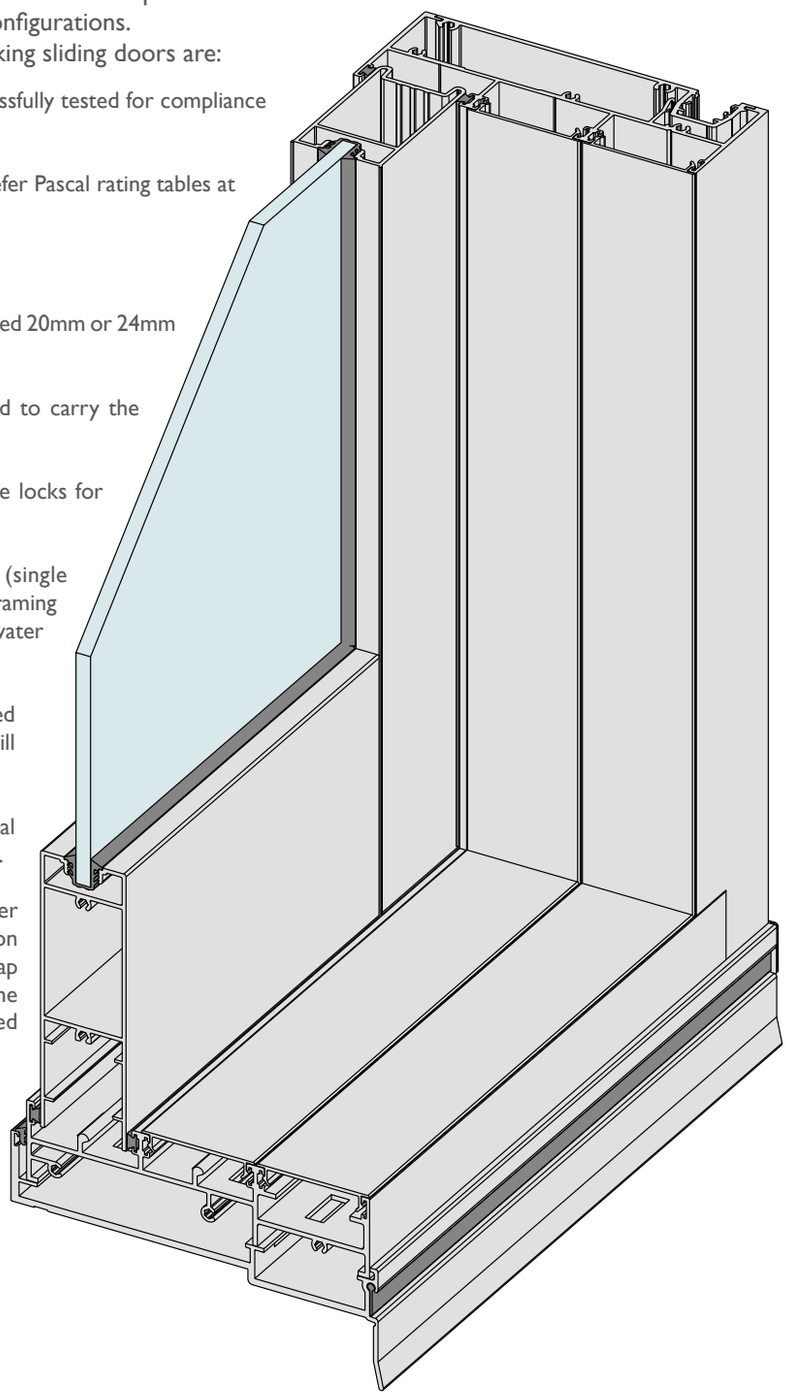
STACKING SLIDING DOOR

when fabricated as dual track stacking units:

There are several types of stacking doors available XXF, FXX, FXXXXF and FXX^XXF using 150mm frame. We also offer extra wide 200mm frame option that allows us to fabricate XXXF, FXXX and FXXXXXXF door configurations.
The main features with the SlideMASTER™ stacking sliding doors are:

- Very high water resistance – 450Pa, has been successfully tested for compliance with Australian Standard AS 2047.
- Large sizes available even in high wind load areas, refer Pascal rating tables at the end of these notes.
- Can be fitted with glass up to 14.76mm thick.
- We have custom stiles and rails to accept double glazed 20mm or 24mm insulating glass units (IGU's).
- Heavy-duty double bogey wheel carriages designed to carry the heavy door panels.
- Large variety of locks including multi-point mortice locks for maximum security.
- Compatible with high performance Series 606 (single glazed) and 626 (double glazed) FrontGLAZE™ framing (FrontGLAZE™ framing has been tested to 600Pa water resistance).
- A major visual feature with this door is the unused frame recesses are closed with flat fillers on head, sill and jambs.
- Custom stacking external flydoor systems or internal Centor™ S4 retractable flyscreen options available.
- Always fitted with custom sub-sill for added water resistance, this sub-sill has drainage hole protection in the form of a co-extruded Santoprene cover flap to reduce the chance of blowback under extreme conditions. These sub-sills are fitted with moulded nylon end stops.



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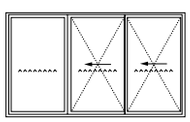

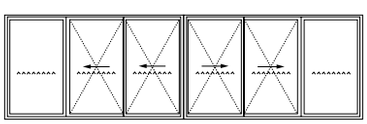

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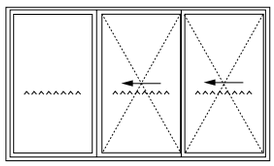
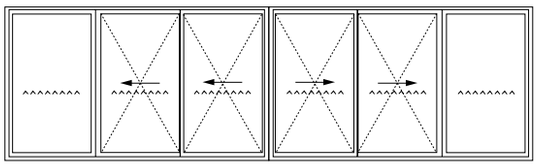
MAXIMUM DOOR SIZES





Type 'XXF' and 'FXX'

Maximum recommended sizes 3300mm x 6000mm.

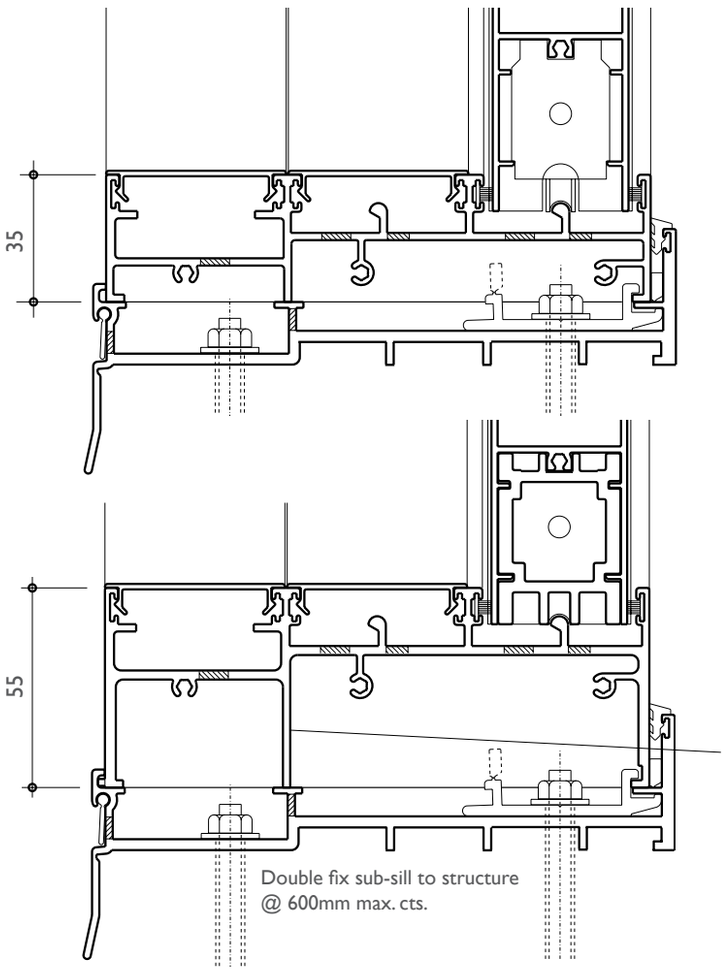
Height mm	Width mm			Meeting Stile Type Light	Med.	Heavy	EX Hvy.
2400	3600	L/250	**S**	569	1737	3186	3300
2400	3600		**U**	2080	3481	4992	5000
2700	4500	L/180	**S**	-	1363	2115	2583
2700	4500	L/250	**S**	-	982	1801	2193
2700	4500		**U**	-	2212	3173	3874
3000	4500	L/250	**S**	-	698	1282	1561
3000	4500		**U**	-	1760	2529	3087

Type 'FXXXXF'

Maximum recommended sizes 3300mm x 12000mm**.

Height mm	Width mm			Meeting Stile Type Light	Med.	Heavy	EX Hvy.
2400	6000	L/250	**S**	685	1360	2573	3300
2400	6000		**U**	2514	2835	4212	5000
2700	6000	L/180	**S**	653	1297	2181	3300
2700	6000	L/250	**S**	-	934	1767	3205
2700	6000		**U**	1952	2201	3271	5000
3000	9000	L/250	**S**	-	691	1269	1546
3000	9000		**U**	-	1742	2503	3056

Notes:
Because of the high loads that will be applied to these doors we don't recommend sub-heads and sub-jambs on SlideMASTER™ doors.
** Head and sill would have to be spliced as stock length is 6500mm.



We offer four types of door bottom rail. The maximum width of the door panel (rail length) varies with each type, refer 'DOOR RAIL OPTIONS' page for details.

The standard sill 80511 (35mm) high has been successfully tested to resist up to 300Pa water.

The performance sill 80525 (55mm) high has been successfully tested to resist up to 450Pa water.

All sills are fitted into custom extruded aluminium sub-sill with anti-blowback co-extruded Santoprene flaps covering the drainage holes. These sub-sills are fitted with moulded nylon end caps.

The sub-sill has central support leg designed to carry the weight of central door panel.

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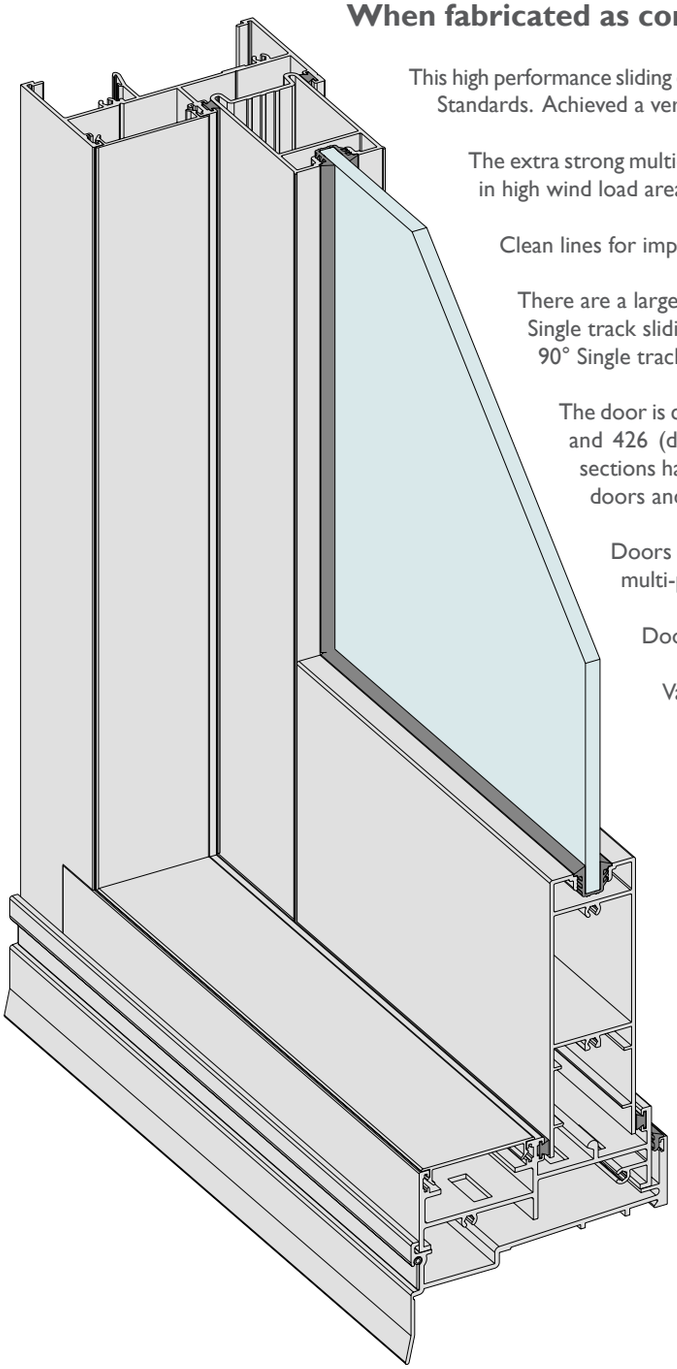
CONVENTIONAL SLIDING DOOR



When fabricated as conventional single track door units:

This high performance sliding door has been tested for compliance with the relevant Australian Standards. Achieved a very high water resistance of 450Pa when using a 55mm high sill.

The extra strong multi-hollow meeting stiles allow large sliding doors to be fabricated in high wind load areas, refer Pascal rating tables later in these notes.

Clean lines for improved visual appearance.

There are a large variety of door combinations possible:
Single track sliding units: XF, FX, FXF, XFF, FFX, and FXXF .
90° Single track corner unit: FX^XF

The door is compatible with the high performance Series 406 (single glazed) and 426 (double glazed) FrontGLAZE™ framing. The head and jamb sections have an additional weather leg to ensure that junctions between doors and fixed sidelights/highlights maintain the high water resistance.

Doors can be fitted with surface mounted deadlock, mortice lock or multi-point mortice lock.

Doors run on heavy-duty double bogey wheel carriages.

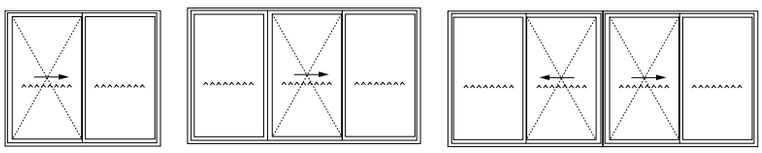
Variety of bottom rail and midrail sizes as detailed later.

Custom aluminium sub-sills with built-in anti-blowback drainage hole cover flap are always fitted under SlideMASTER™ sliding doors.

Door panels will accept glass up to 14.76mm thick single glazed or 20mm and 24mm double glazed IGU's using special rails and stiles.

Thresholds and snap-in flat filler ensure that the clean looks are maintained.

We offer a variety of external sliding flydoor options or Centor™ S4 retractable screens on the inside.



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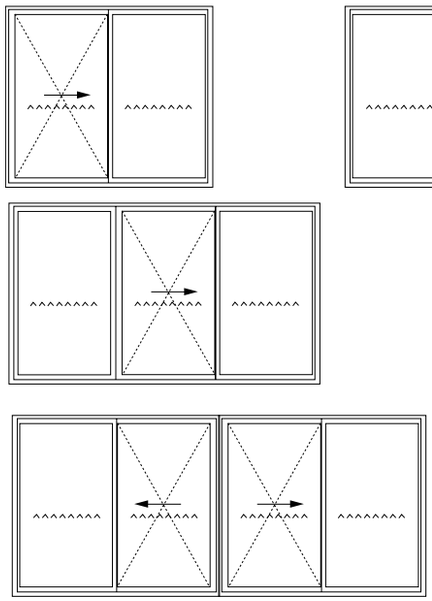
MAXIMUM DOOR SIZES



Rating tables for door meeting stiles on this page.
S = Serviceability limit state
(deflection = L/180 or deflection L/250).
U = Ultimate strength limit state
(factored yield strength = 104MPa).

These tables have been calculated using nominal section properties.
A typical assembly has been tested as per the requirements of AS 2047,

Serviceability rating has been limited to 33000Pa and Ultimate strength rating has been limited to 4000Pa without top rail stiffener (80526) and 5000Pa with top rail stiffener.

More extensive tables are shown on later pages.

Type 'XF' and 'FX'

Maximum recommended sizes 3300mm x 4000mm.

Height mm	Width mm			Meeting Stile Type Light	Med.	Heavy	EX Hvy.
2400	2400	L/180	S	833	2448	3333	3333
2400	2400	L/250	S	600	1829	3333	3333
2400	2400		U	2194	3672	5000	5000
2700	2700	L/180	S	509	1554	2422	2958
2700	2700	L/250	S	-	1199	2052	2500
2700	2700		U	-	2533	3633	4436
3000	3000	L/250	S	-	709	1302	1586
3000	3000		U	-	1789	2570	3138

Type 'FXF', 'XFF' and 'FFX'

Maximum recommended sizes 3300mm x 6000mm.

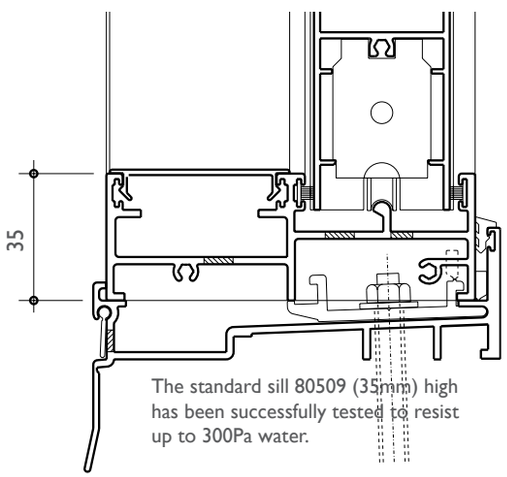
Height mm	Width mm			Meeting Stile Type Light	Med.	Heavy	EX Hvy.
2400	3600	L/180	S	831	2442	3333	3300
2400	3600	L/250	S	598	1825	3333	3300
2400	3600		U	2189	3663	5000	5000
2700	4500	L/180	S	-	1414	2197	2682
2700	4500	L/250	S	-	1018	1867	2274
2700	4500		U	-	2297	3295	4023
3000	4500	L/250	S	-	708	1300	1583
3000	4500		U	-	1786	2566	3132

Type 'FXXF'

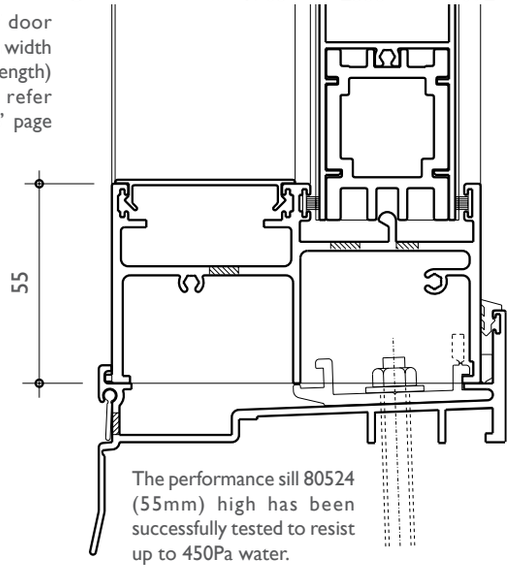
Maximum recommended sizes 3300mm x 8000mm.

Height mm	Width mm			Meeting Stile Type Light	Med.	Heavy	EX Hvy.
2400	4800	L/180	S	817	1618	2404	3300
2400	4800	L/250	S	588	1169	2211	3300
2400	4800		U	2152	2426	3605	5000
2700	5400	L/180	S	501	995	1663	2907
2700	5400	L/250	S	-	716	1355	2458
2700	5400		U	1488	1678	2494	4361
3000	6000	L/250	S	-	699	1284	1563
3000	6000		U	-	1763	2533	3092

We offer four types of door bottom rail. The maximum width of the door panel (rail length) varies with each type, refer 'DOOR RAIL OPTIONS' page for details.



The standard sill 80509 (35mm) high has been successfully tested to resist up to 300Pa water.



The performance sill 80524 (55mm) high has been successfully tested to resist up to 450Pa water.

All sills are fitted into custom extruded aluminium sub-sill with anti-blowback co-extruded Santoprene flap covering the drainage holes. These sub-sills are fitted with moulded nylon end caps. Performance sill secured to sub-sill with custom locking washer.

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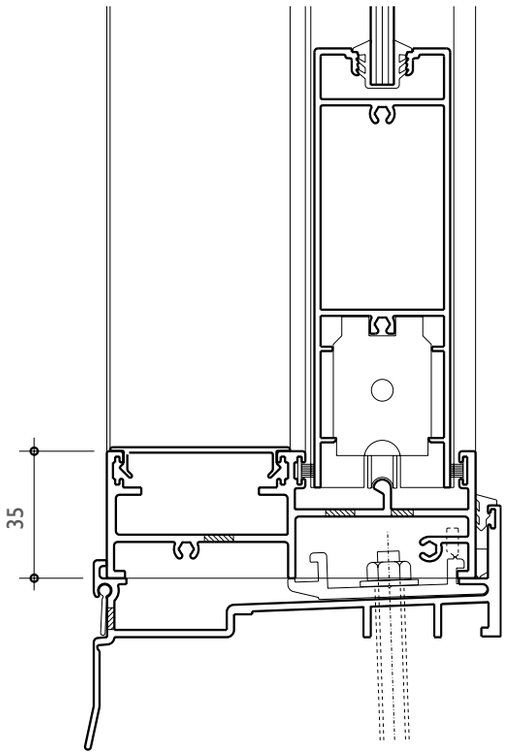
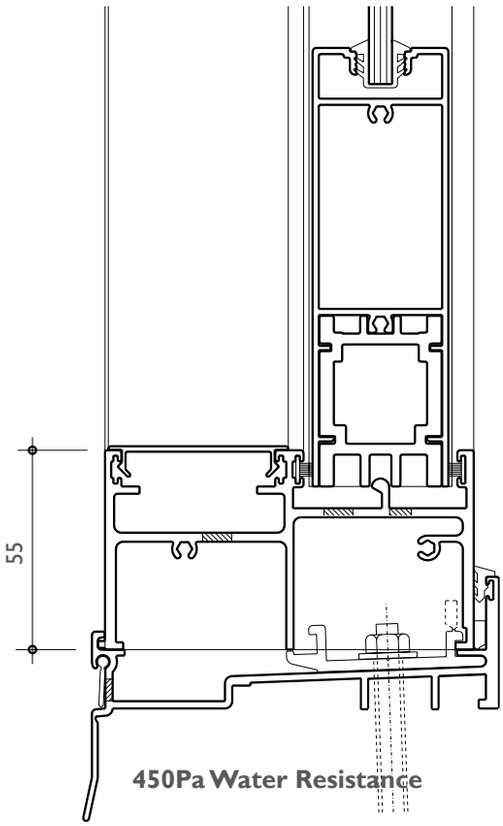
PERFORMANCE DATA



300Pa Water Resistance



450Pa Water Resistance

Testing

We have tested this door for compliance with Australian Standard AS 2047 several times. Below are some of the test results:

Water resistance: Panels up to 2000mm wide:
450Pa with sill drain hole caps behind fixed panel/s and two new 10mm dia. drainage holes at fixed jamb under the snap jamb cover.

Panels up to 2500mm wide:
300Pa with sill drain hole open behind fixed panel/s.

Air infiltration: Panels up to 2500mm wide are suitable for airconditioned buildings – 1.21 litres/m^2 @ 150Pa.

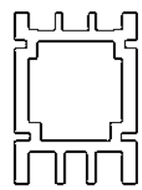
Operating force to open – breaking the seal (panels glazed with 6mm glass):
2312mm high by 1200mm wide panels 70N.

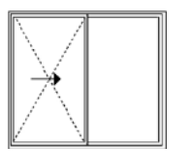
Operating force to move sliding panels after opening (using 6mm glass):
2312mm high by 1200mm wide panels 22N.

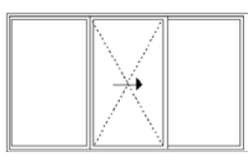
Operating force to open – breaking the seal (panels glazed with 8mm glass):
2880mm high by 1500mm wide panels 170N.
2880mm high by 2000mm wide panels 180N.
2580mm high by 2500mm wide panels 168N.

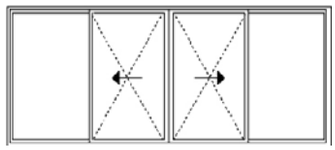
Operating force to move sliding panels after opening (using 8mm glass):
2880mm high by 1500mm wide panels 55N.
2880mm high by 2000mm wide panels 74N.
2580mm high by 2500mm wide panels 94N.

Fit rail stiffeners top and bottom when rail length exceeds 1500mm, plus we also fit the stiffener into top rails on all panels when the Ultimate load exceeds 4000Pa,









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PERFORMANCE DATA

Testing

We have tested this door for compliance with Australian Standard AS 2047. Below are some of the test results:

Water resistance: Panels up to 2000mm wide = 450Pa
Panels between 2000mm and 2500mm wide = 300Pa

Air infiltration: Suitable for non-airconditioned buildings – 2.33 litres/m^2 @ 150Pa.

Operating force to open – breaking the seal (panels glazed with 6mm glass):
2312mm high by 1200mm wide panels 70N.

Operating force to move sliding panels after opening (using 6mm glass):
2312mm high by 1200mm wide panels 22N.

Operating force to open – breaking the seal (panels glazed with 8mm glass):
2880mm high by 1500mm wide panels 170N.
2880mm high by 2000mm wide panels 180N.
2580mm high by 2500mm wide panels 168N.

Operating force to move sliding panels after opening (using 8mm glass):
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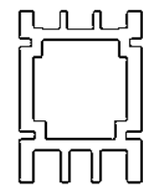
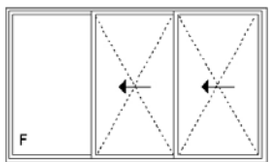
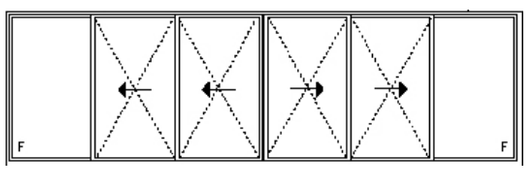
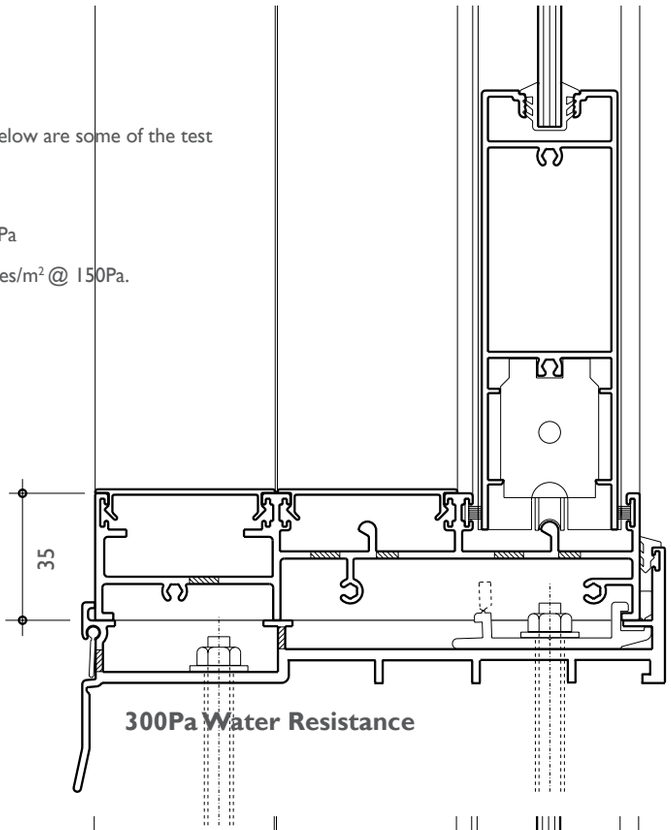
2580mm high by 2500mm wide panels 94N.



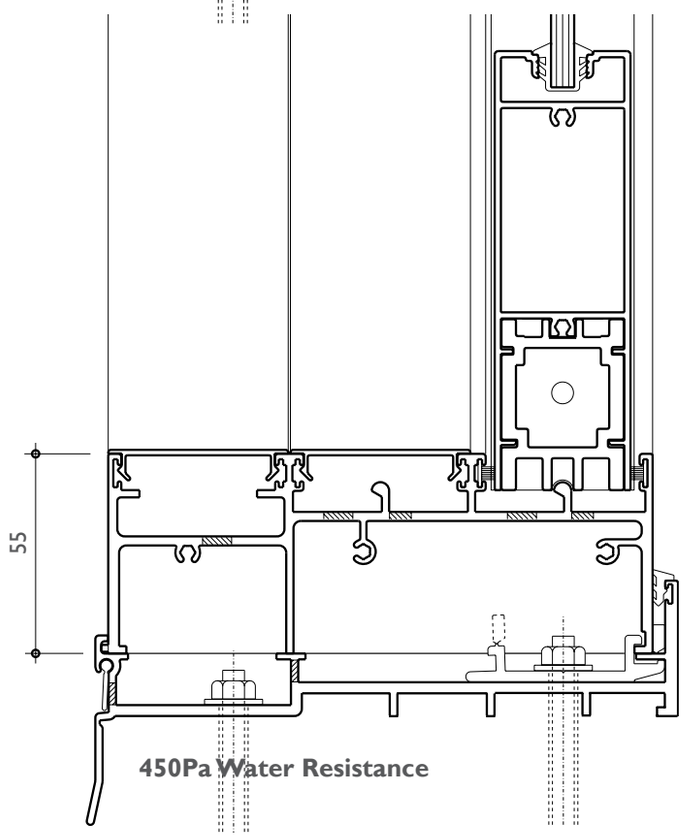
Fit rail stiffeners top and bottom when rail length exceeds 1500mm, plus we also fit the stiffener into top rails on all panels when the Ultimate load exceeds 4000Pa.







300Pa Water Resistance



450Pa Water Resistance

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REPLACES: MAR 21
SCALE: NOT TO SCALE

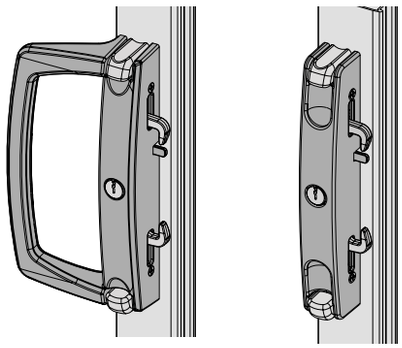
LOCK OPTIONS

SlideMASTER™ doors can be fitted with a variety of locks as shown on this page:

Surface mounted locks

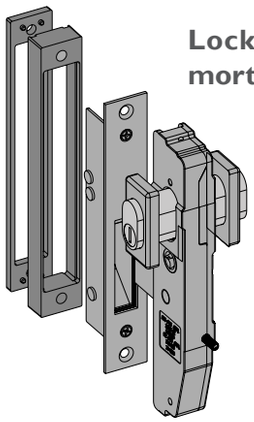
With or without internal 'D' pull handle, double cylinder deadlock with investment cast stainless steel locking tongues and keeper.
Lock comes with stainless steel finger grip on the outside (finished to match internal handle) and 'D' pull handle or slimline handle on the inside as illustrated left.
ANDO™ Surface mounted locks can be supplied in a variety of powder coated finishes or **marine grade 316 stainless steel** handles.

ANDO™
with internal 'D' handle or Slimline

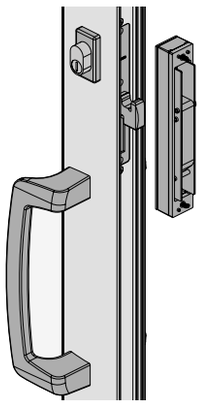


or **Lockwood 3541 Mortice Lock** with a variety of pull handles and finger grips, illustrated below and right.

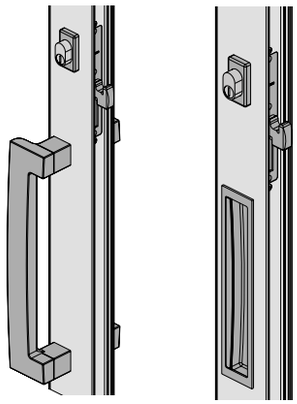
Lockwood 3541 mortice lock



ANDO™
Pull handle available in powdercoat or 316 stainless steel



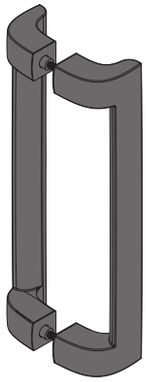
ICON™
Pull handle and recessed finger pull available in 316 stainless steel



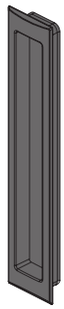
or **Mortice locks with custom MIRO™ pull handles** including a multi point locking option, illustrated lower right.

Lock comes with key both sides, Securiturn snib/key on the inside, illustrated lower right.

See these locks open and close in full colour on our web site:
www.elevatealuminium.com.au



MIRO™ mortice
with internal and external pull handle



MIRO™
Flush Pull

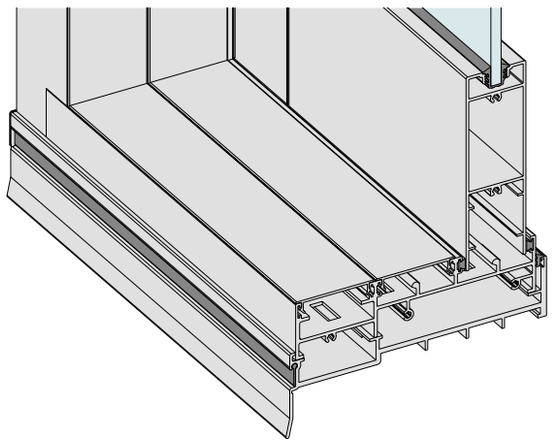
Series 704

SlideMASTER™ SLIDING DOOR

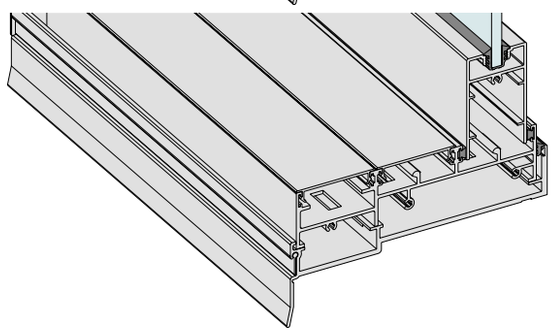
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

DOOR RAIL OPTIONS

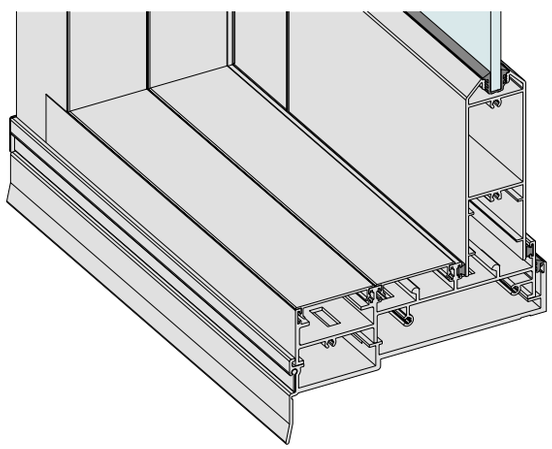
Standard 121mm tall square bottom rail
(with 63mm square top rail)



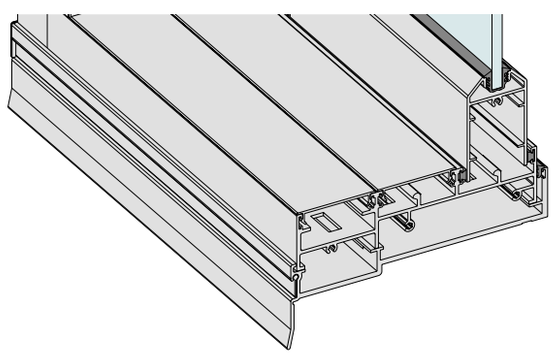
Alternative 63mm low square bottom rail
(with 63mm square top rail)
Max panel width = 1500mm



Alternative 121mm tall splayed bottom rail
(with 63mm splayed top rail)



Alternative 63mm low splayed bottom rail
(with 63mm splayed top rail)
Max panel width = 1500mm

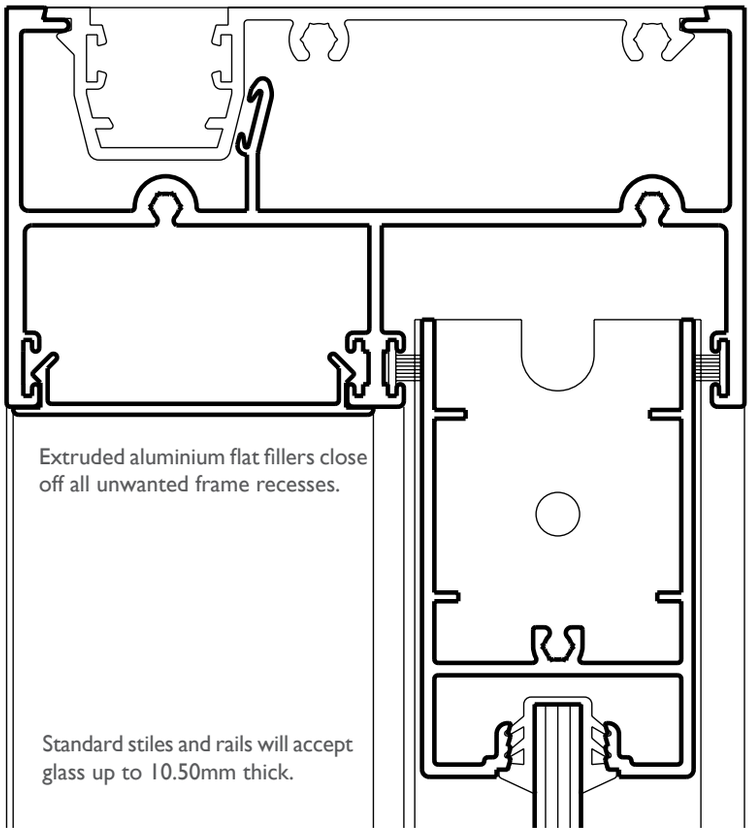


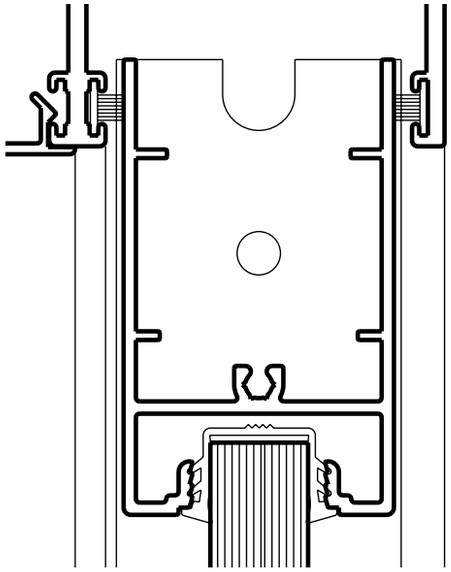
Series 704

SlideMASTER™ SLIDING DOOR

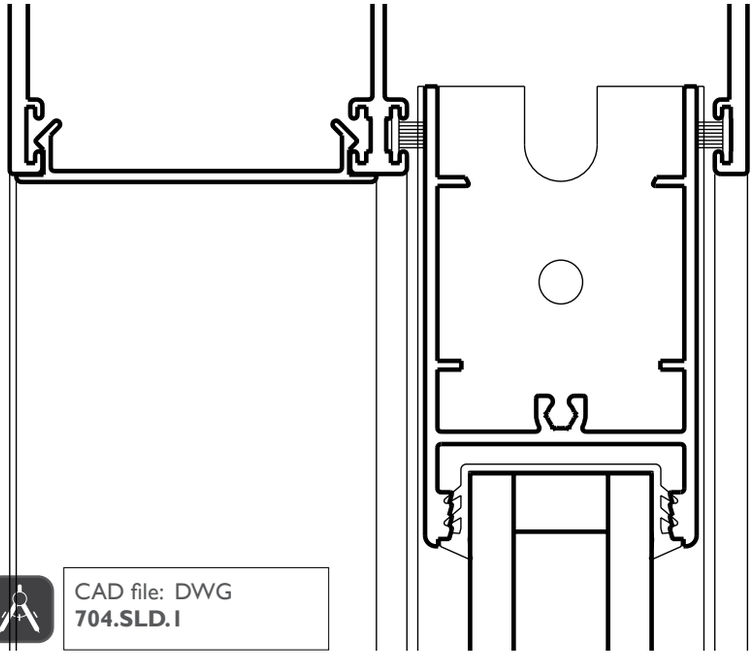
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

102mm FRAME HEAD DETAIL





For extra thick glass (10.50mm, 13.52mm and 14.76mm)we have dedicated rails and stiles. This thick glass is normally used on projects where sound reduction is requried.



CAD file: DWG
704.SLD.1

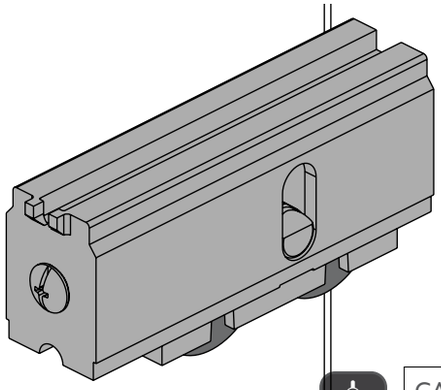
Special stiles and rails with wide glazing gap will accept 20mm and 24mm thick insulating glass units.

Series 704

SlideMASTER™ SLIDING DOOR

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

102mm **FRAME SILL DETAIL**



CAD file: DWG
704.SLD.1

Standard 121mm high tall square bottom rail.

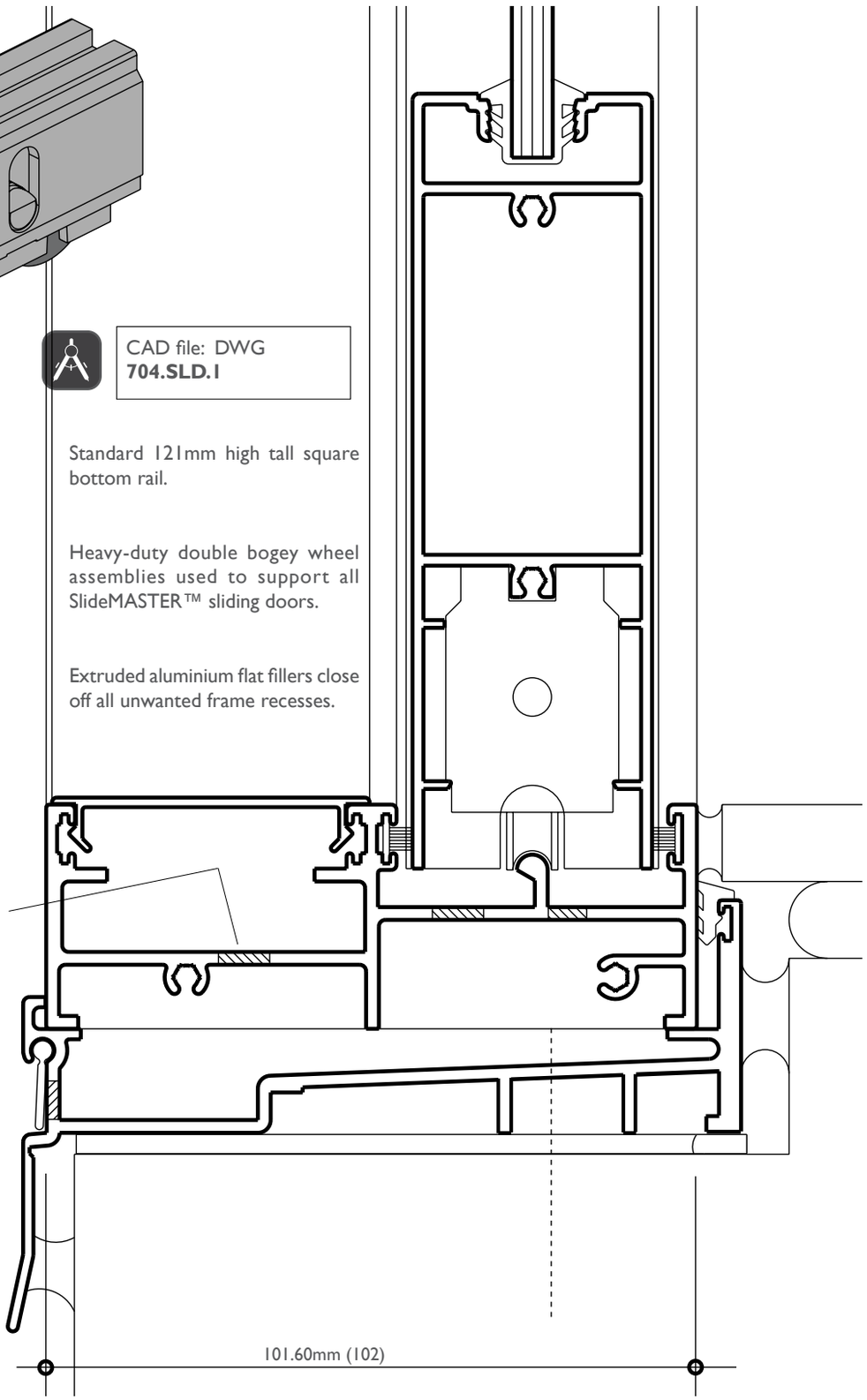
Heavy-duty double bogey wheel assemblies used to support all SlideMASTER™ sliding doors.

Extruded aluminium flat fillers close off all unwanted frame recesses.

Frame drainage slots in all sill recesses, drain water vertically into sub-sill.

Sub-sill with co-extruded Santoprene anti-blowback drainage hole cover flap.

We have three sub-sills to choose from :
- Standard as shown right.
- Flat sub-sill (front leg removed).
- Extended sub-sill, refer alternative flydoor sill detail.

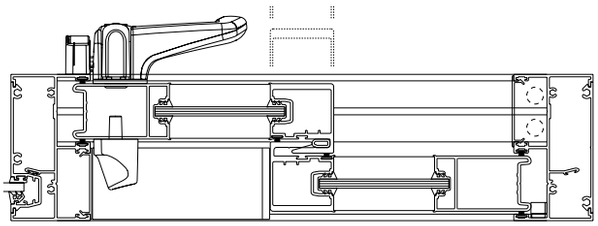


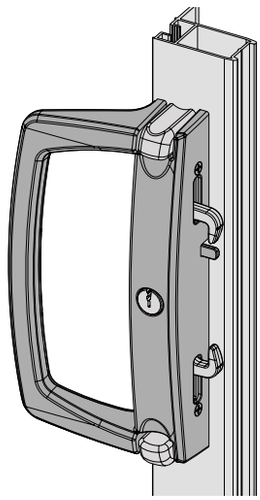
Series 704

SlideMASTER™ SLIDING DOOR

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

102mm TRACK FRAME LOCKING JAMB

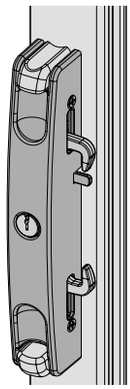




Standard ANDO™ door lock with internal pull handle illustrated.

Extruded aluminium flat fillers close off all unwanted frame recesses.

SlideMASTER™ jamb will snap to Series 406 FrontGLAZE™ framing as shown left.



Alternative ANDO™ surface mounted door lock without internal pull handle.

CAD file: DWG
704.SLD.3

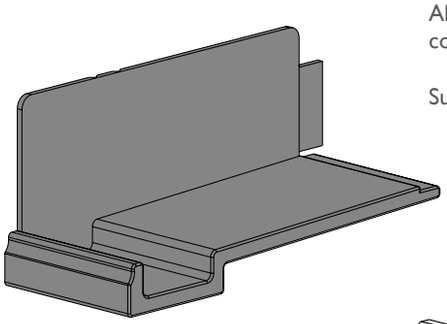
MIRO™
with internal 'D' handle available

Series 704

SlideMASTER™ SLIDING DOOR

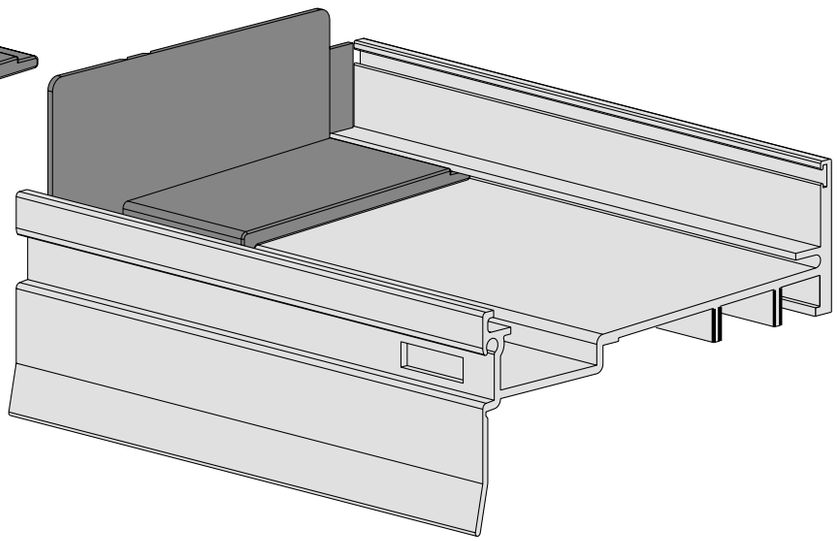
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

102mm **FRAME FIXED JAMB DETAIL**

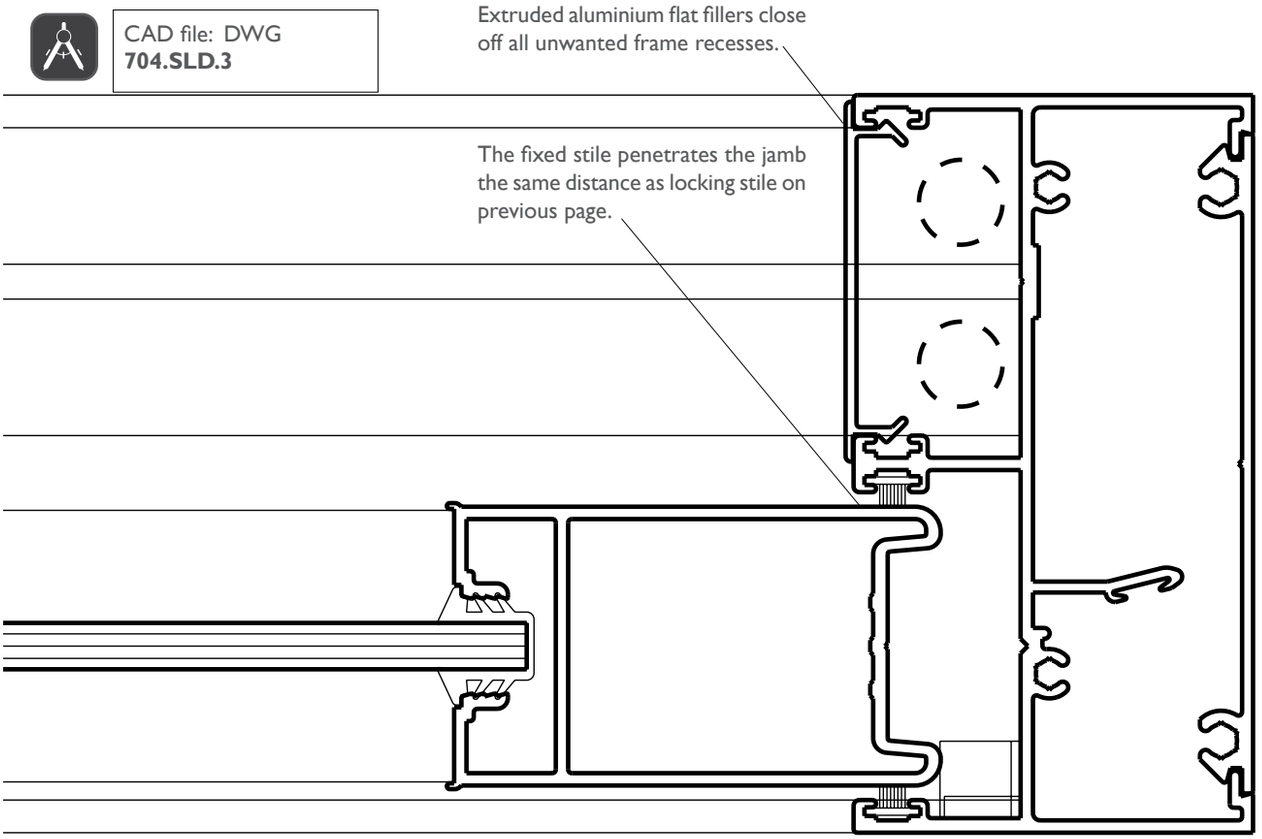


All SlideMASTER™ sliding doors are fitted with sub-sill with built-in co-extruded Santoprene anti-blowback drainage hole cover flap.

Sub-sills are fitted with moulded stop-ends.



CAD file: DWG
704.SLD.3

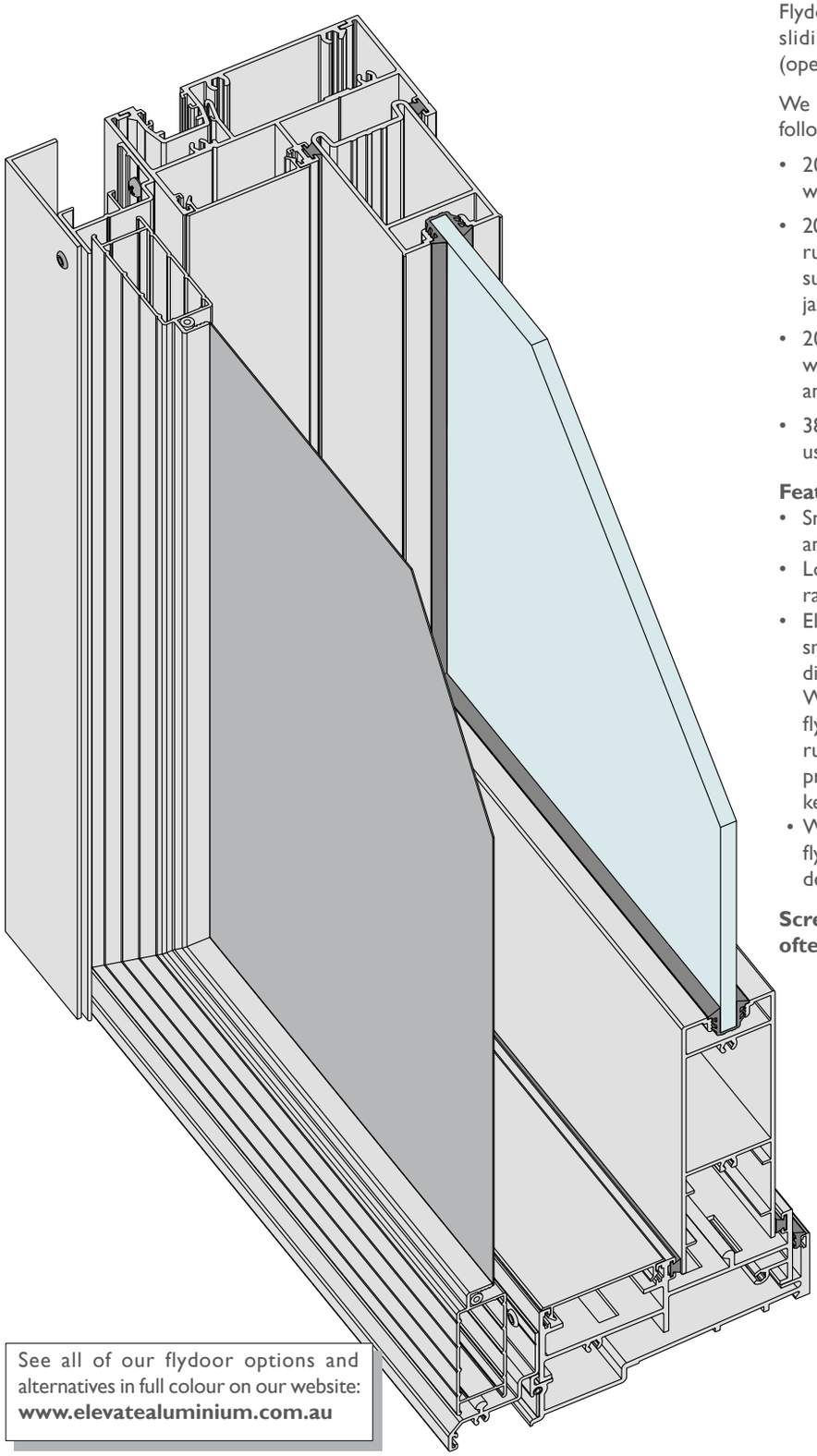


Series 704

SlideMASTER™ SLIDING DOOR

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

102mm FRAME FLYDOOR OPTIONS



See all of our flydoor options and alternatives in full colour on our website: **www.elevatealuminium.com.au**

Flydoors can be fitted on the outside of sliding doors if required as the moving (opening) glass doors are on the inside.

We have several options as shown on the following pages:

- 20mm thick conventional screen door with full wraparound flydoor frame.
- 20mm thick conventional screen door with running rail fitted on custom extended sub-sill and flydoor frame on head and jambs.
- 20mm thick conventional screen door with running rail on external floor finish and flydoor frame on head and jambs.
- 38mm thick glass door panel extrusions used to fabricate screen doors.

Features on custom 20mm flydoors include:

- Snap-on interlocks for improved strength and appearance.
- Long perimeter legs on door stiles and rails to hide wheels and lock keeper.
- Elevate™ screen doors run extremely smooth as we have matched the wheel diameter to the frame running rails. We also fit spring loaded wheels in the flydoor top rails. These run on inbuilt running rails in the head and keep the pressure on the sill wheels; this in turn keeps the screen doors on track.
- We also offer Centor™ S4 retractable flyscreens on the inside of Series 704, refer details later in this section.

Screen doors get opened and closed often and have to work perfectly.

Series 704

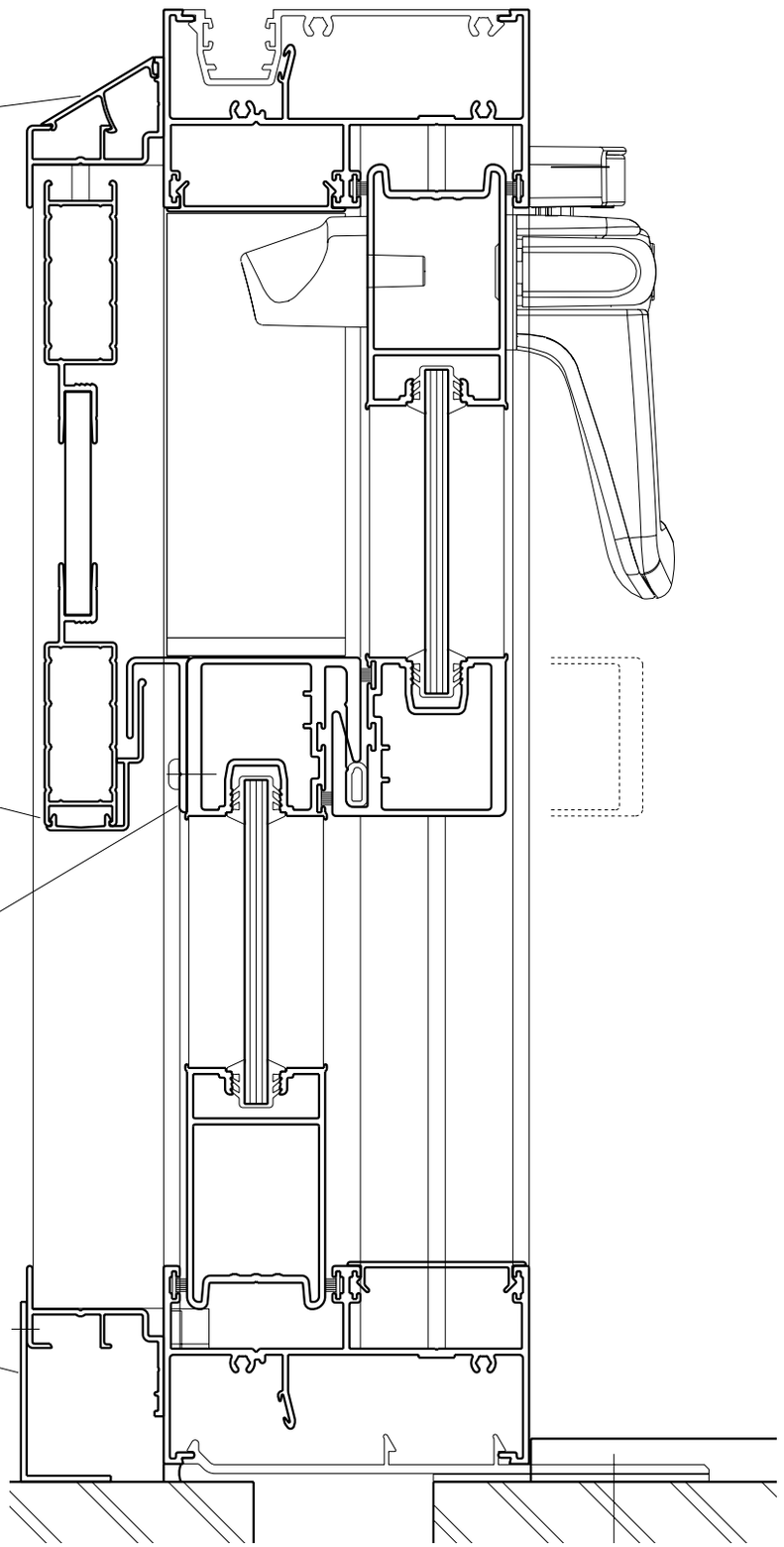
SlideMASTER™ SLIDING DOOR

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

102mm FRAME FLYDOOR DETAILS
Flydoor Option 1.

Fit splayed filler if necessary to cover fixing screws.

Alternatively you can use return aluminium angle/s, shown below.



Elevate™ 20mm thick flydoors have snap-on interlocks for improved strength and appearance.

Concealed interlock screwed/riveted to fixed door stile.

CAD file: DWG
704.SLD.31

Where flydoor jamb comes up to brick walls or similar, you could use a return aluminium angle as shown right.

Series 704

SlideMASTER™ SLIDING DOOR

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

102mm FRAME FLYDOOR DETAILS
Flydoor Option1.

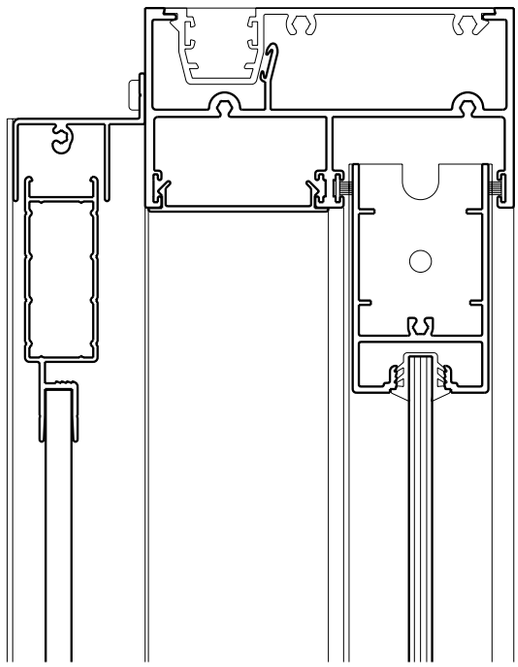
We have used the applied flydoor frame on all four sides as shown below and on the previous page.

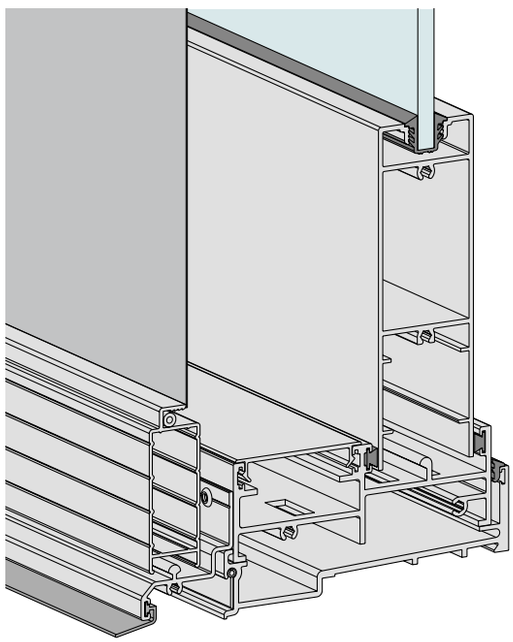
There are a number of alternative sill treatments using type 'P' running rails shown on the following pages.

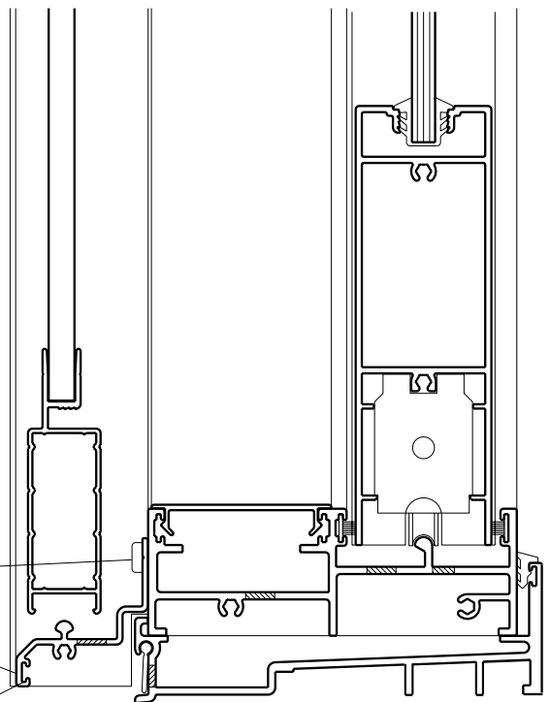
Spring loaded wheels in flydoor top rail with running rails in the head keep the screen door in position and keep pressure on the load bearing sill wheels.

These top rail wheels also keep the screen door on track.

CAD file: DWG
704.SLD.31







Screw flydoor track to main frame with stainless steel self tapping screws or blind rivets @ 450mm max. cts.

On heavy barrier type doors it may be necessary to support the flydoor sill to prevent dishing. Pack @ 600mm cts.

The flydoor sill will accept PVC sill flap. Leave gaps @ 600mm max. cts. to allow water to escape from main door.

Standard sub-sill with front leg ripped off to create flat sub-sill when required.

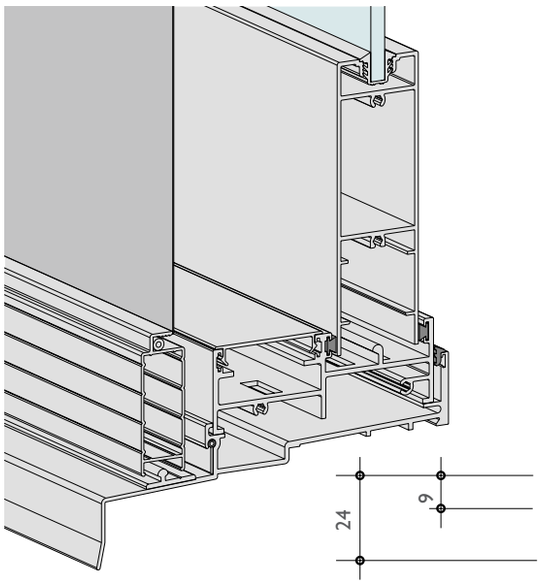
Series 704

SlideMASTER™ SLIDING DOOR

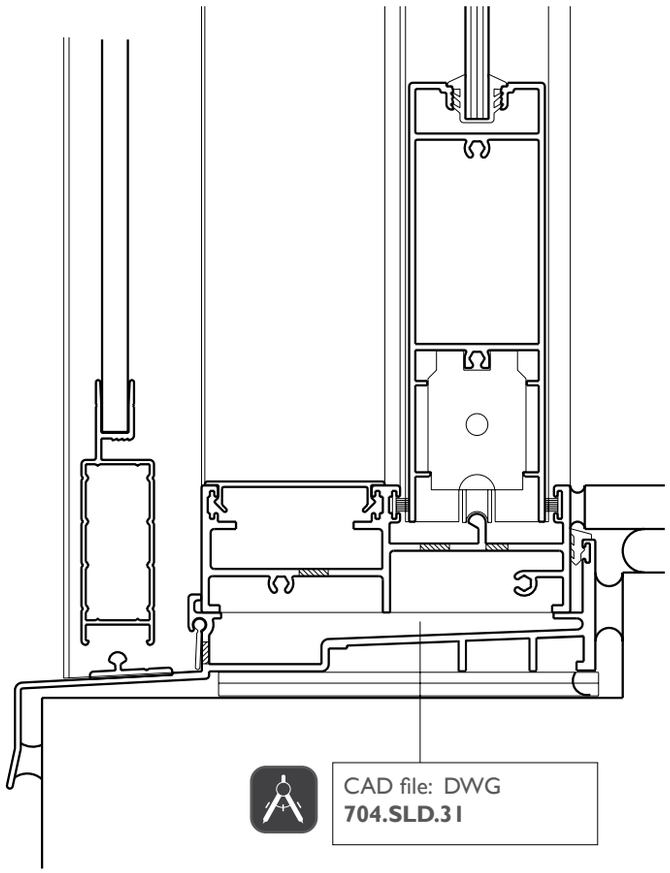
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

102mm FRAME FLYDOOR DETAILS
Alternative to Option1.

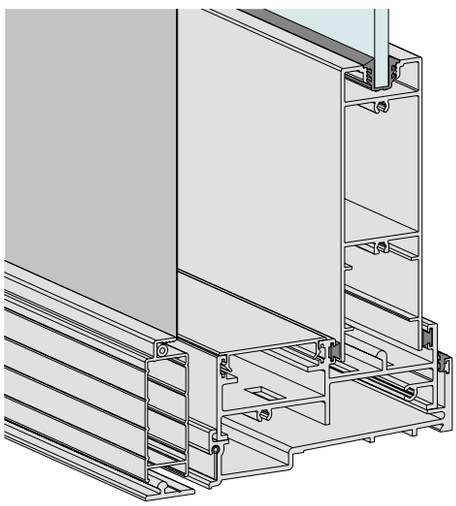
We have several other ways of fitting the flydoor sill running rail.



We have a special sub-sill designed to accept the type 'P' running rail. There is a slight step (0.50mm) in the sub-sill to position the running rail in the right location to match the flydoor frame on the other three sides (head and jambs).

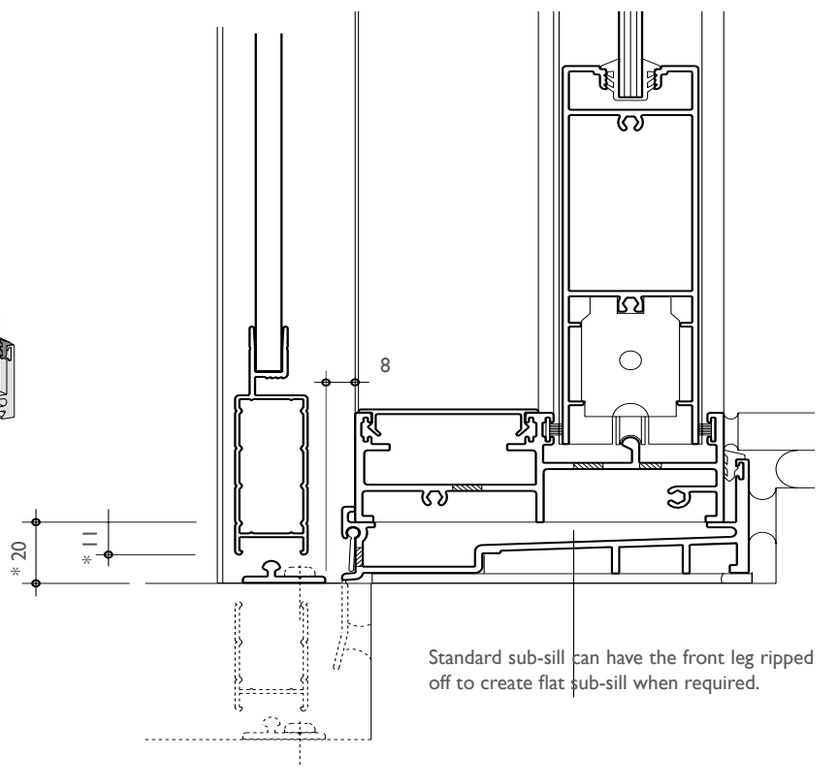


CAD file: DWG
704.SLD.31



Flydoors can also be installed to run on type 'P' running rails screwed to external floor finish as shown right.

*** Important Note:**
Depending on the sill detail the type 'P' running rail could be higher or lower in relation to the main frame, as shown dotted.



Standard sub-sill can have the front leg ripped off to create flat sub-sill when required.

Series 704

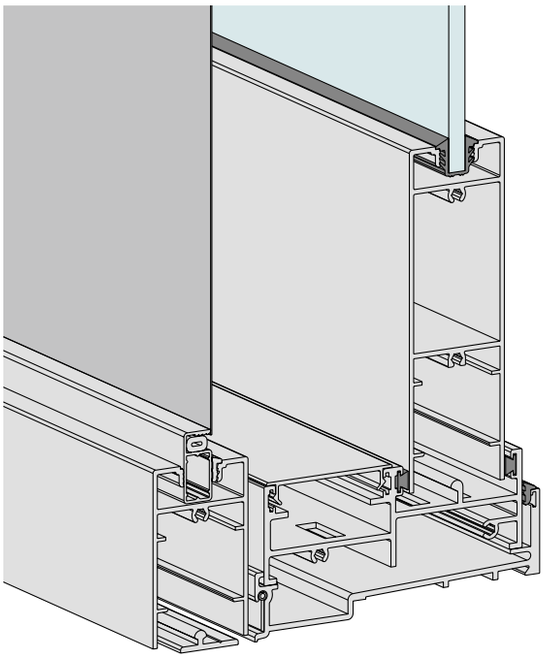
SlideMASTER™ SLIDING DOOR

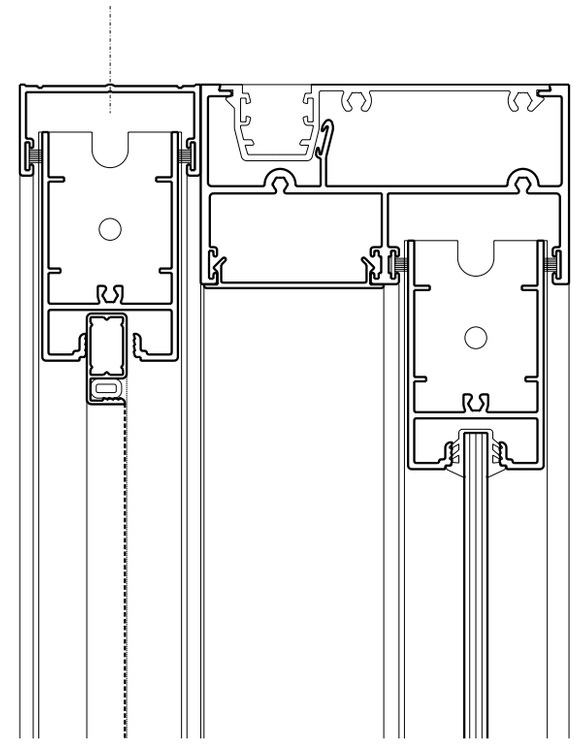
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

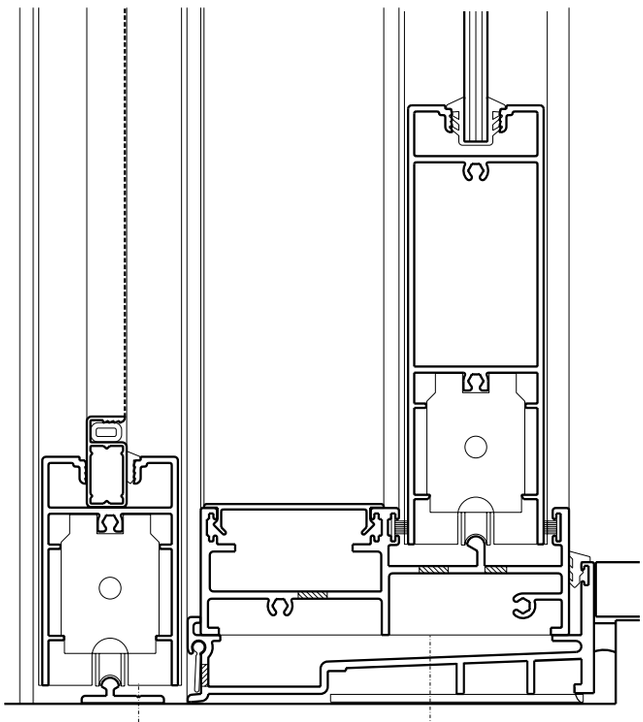
102mm FRAME FLYDOOR DETAILS
Flydoor Option 2.

We have used the 102mm frame and fitted external channel to accept the flydoor.

The flydoor type 'P' running rail is surface fitted to the external floor finish.







Flydoor runs on type 'P' running rail is screwed to external floor finish @ 450mm max. cts.
Stop the type 'P' running rails 50mm short both ends to allow water to escape.

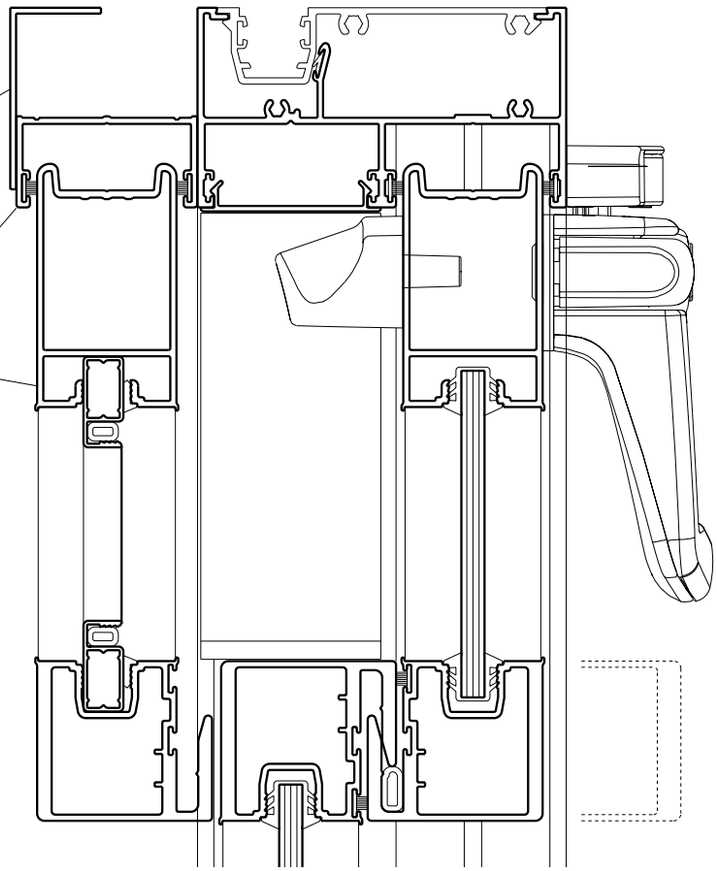
Important Flydoor Height Note:
The height of the flydoor varies depending on the external floor height. For example, on a recessed sill detail, the screen door would be significantly shorter.

Series 704

SlideMASTER™ SLIDING DOOR

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

102mm FRAME FLYDOOR DETAILS
Flydoor Option 2.



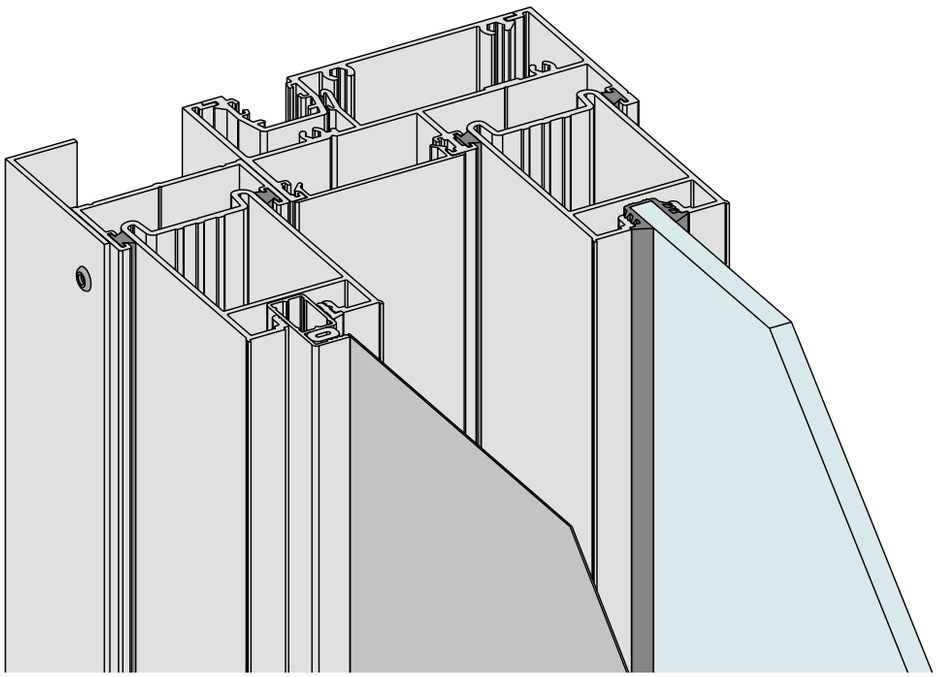
Return aluminium angle trim.

Extruded aluminium channel on lock side jamb fitted with weatherpile seals.

SlideMASTER™ door panel with extruded aluminium flyscreen insert.

Note:
We also have a barrier type flyscreen insert if required.

Screen door stiles align with main door stiles for improved appearance.

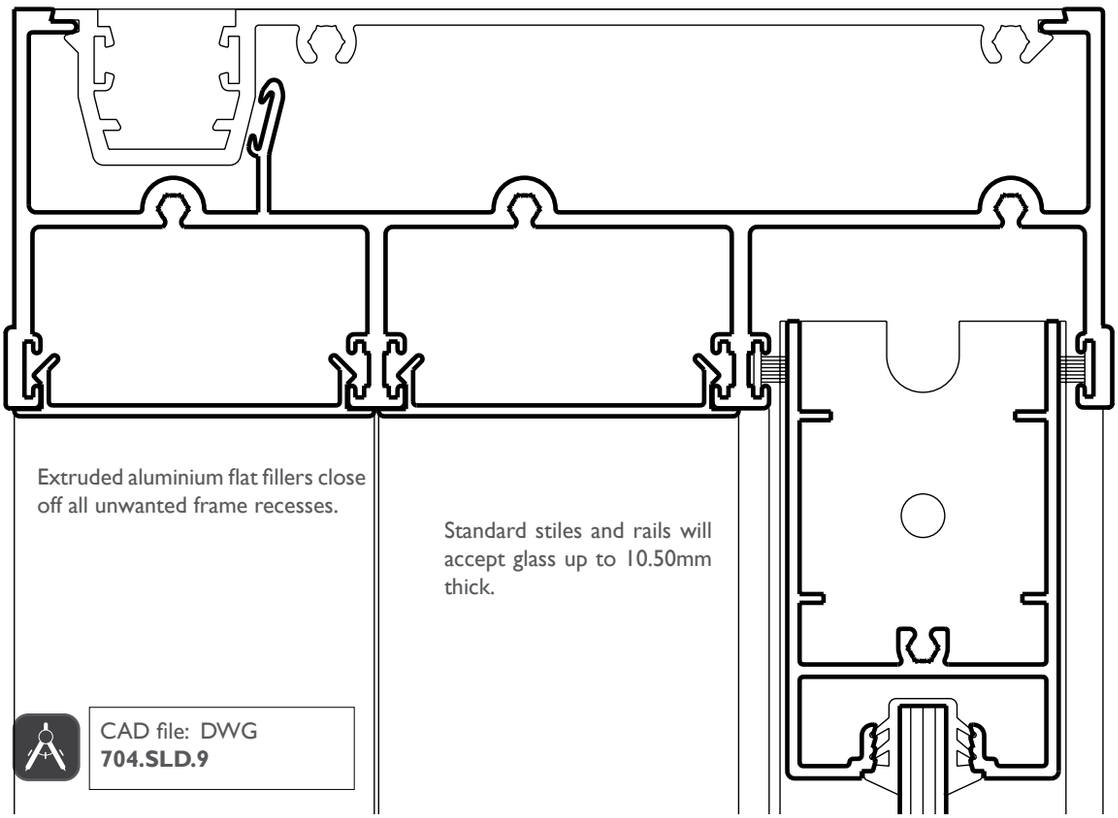


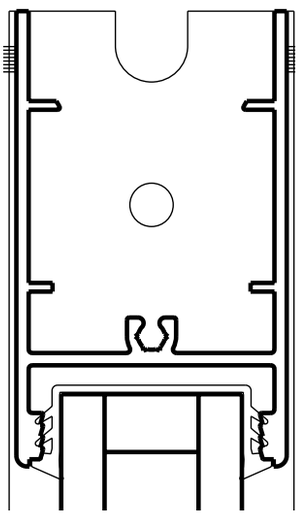
Series 704

SlideMASTER™ SLIDING DOOR

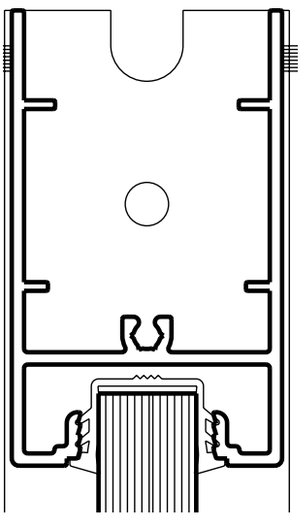
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

150mm DUAL TRACK FRAME HEAD DETAIL





Special stiles and rails with wide glazing gap will accept 20mm and 24mm thick insulating glass units.



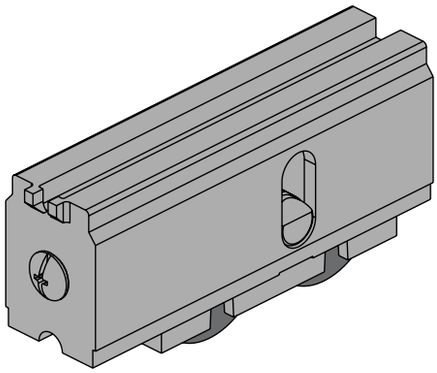
For extra thick glass (10.50mm, 13.52mm and 14.76mm) we have dedicated rails and stiles. This thick glass is normally used on projects where sound reduction is required

Series 704

SlideMASTER™ SLIDING DOOR

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

150mm DUAL TRACK FRAME SILL DETAIL



CAD file: DWG
704.SLD.9

We have three sub-sills to choose from:
- Standard as shown below.
- Flat sub-sill (front leg removed).
- Extended sub-sill, refer alternative flydoor sill.

Frame drainage slots in all sill recesses, drain water vertically into sub-sill.

Standard 121mm high tall square bottom rail.

Heavy duty double bogey wheel assemblies used on all SlideMASTER™ sliding doors.

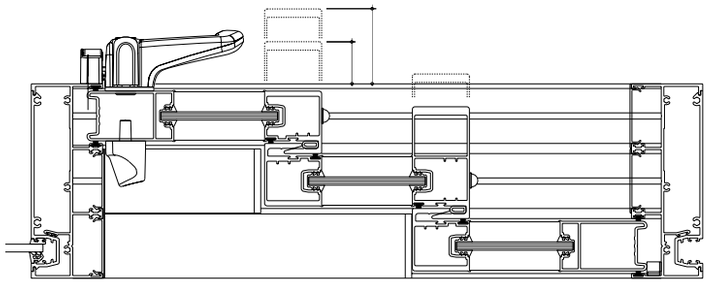
Extruded aluminium flat fillers close off all unwanted frame recesses.

Series 704

SlideMASTER™ SLIDING DOOR

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

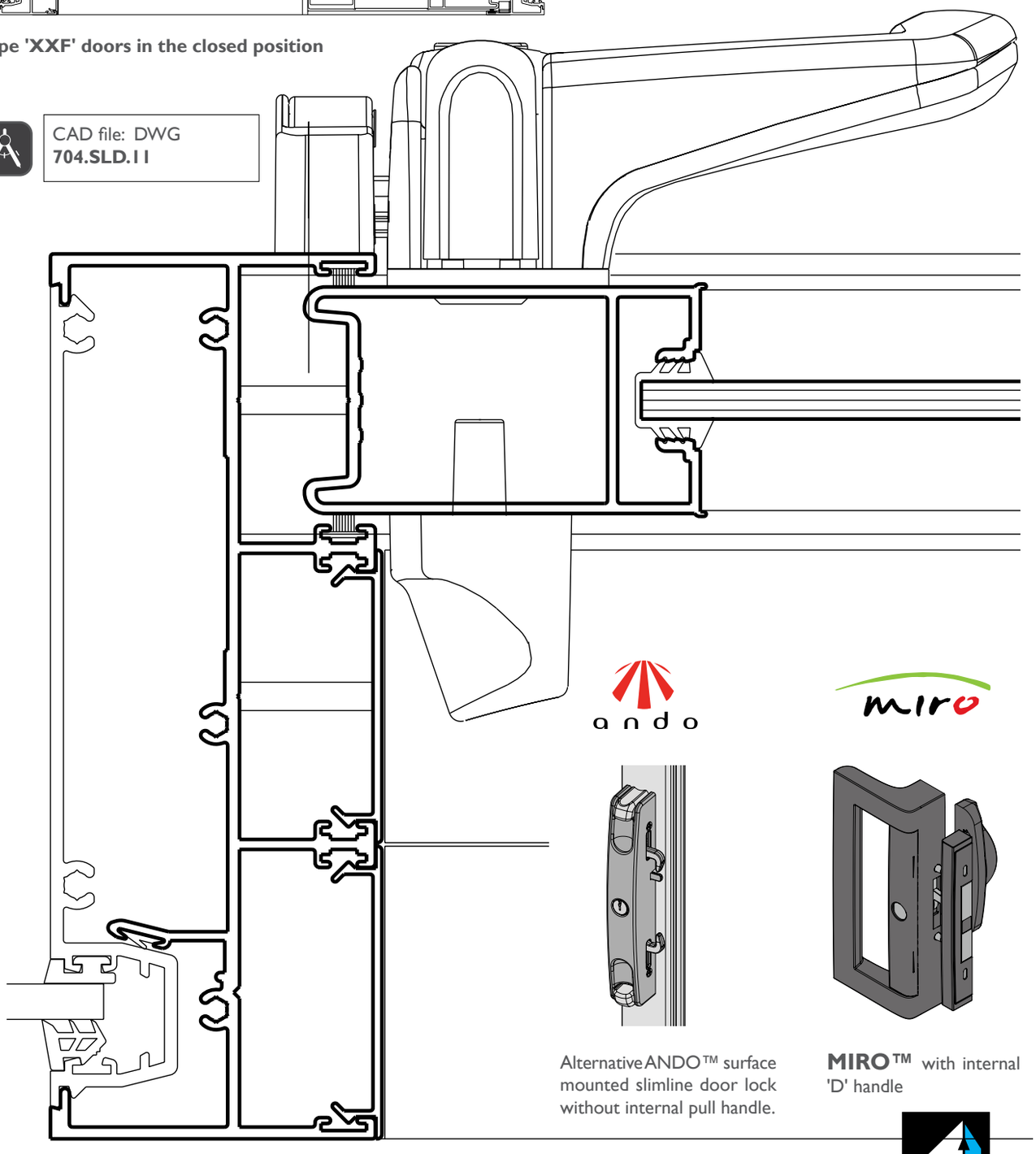
150mm DUAL TRACK FRAME LOCKING JAMB



Standard ANDO™ door lock with internal pull handle illustrated.
Extruded aluminium flat fillers close off all unwanted frame recesses, this significantly improves water resistance and appearance.
SlideMASTER™ jamb will snap to Series 606 FrontGLAZE.™

Type 'XXF' doors in the closed position

CAD file: DWG
704.SLD.11



Alternative ANDO™ surface mounted slimline door lock without internal pull handle.

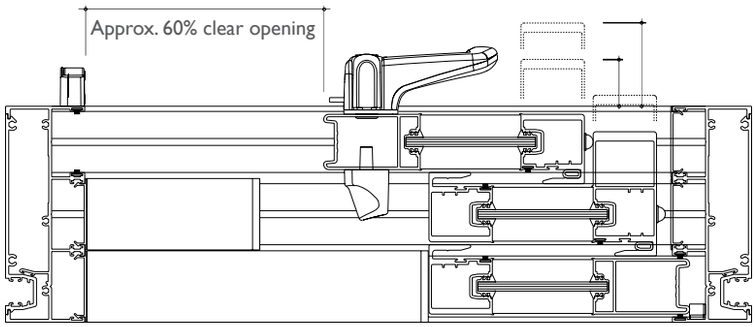
MIRO™ with internal 'D' handle

Series 704

SlideMASTER™ SLIDING DOOR

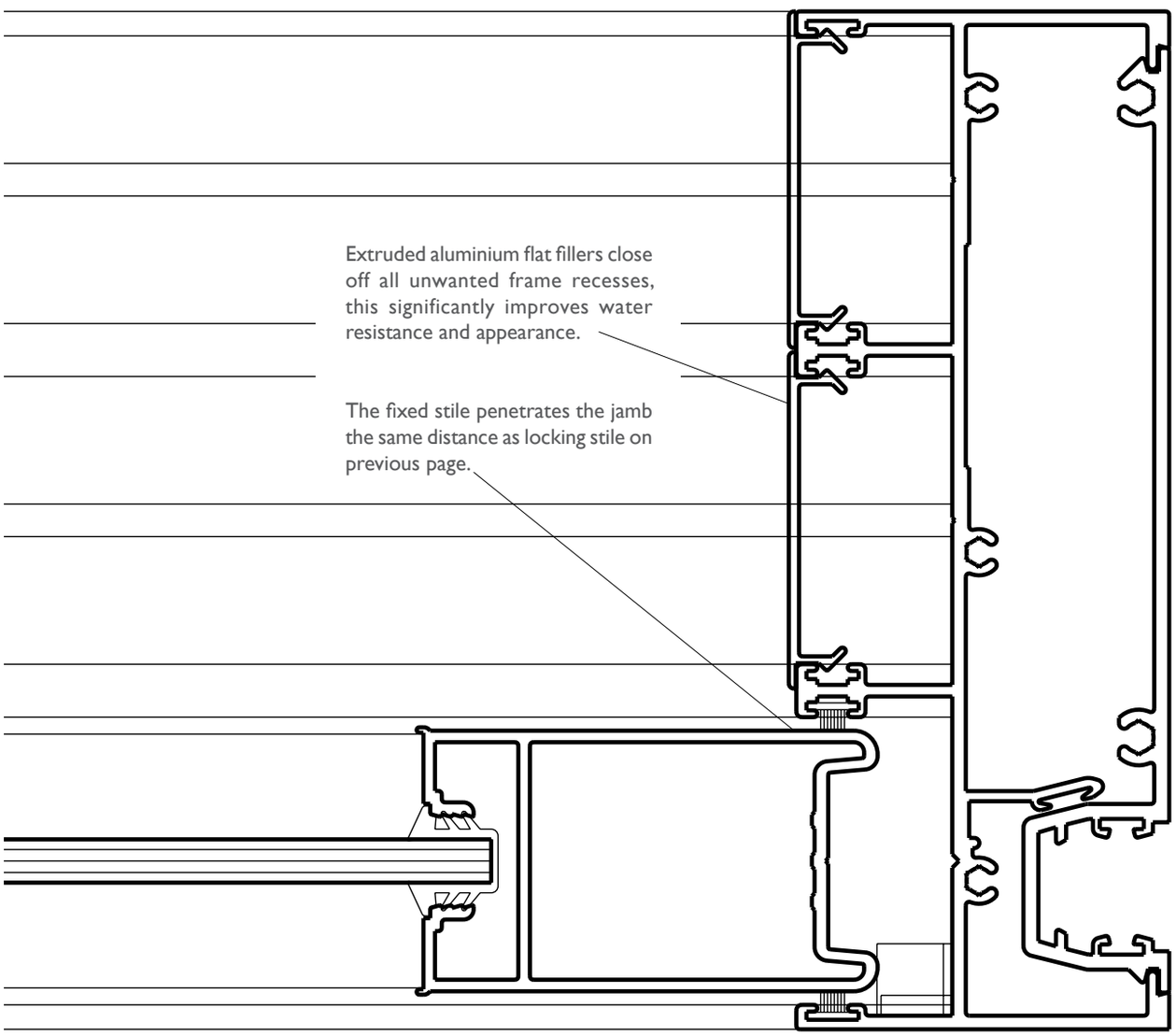
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

150mm DUAL TRACK FRAME FIXED JAMB



Type 'XXF' doors in the open position

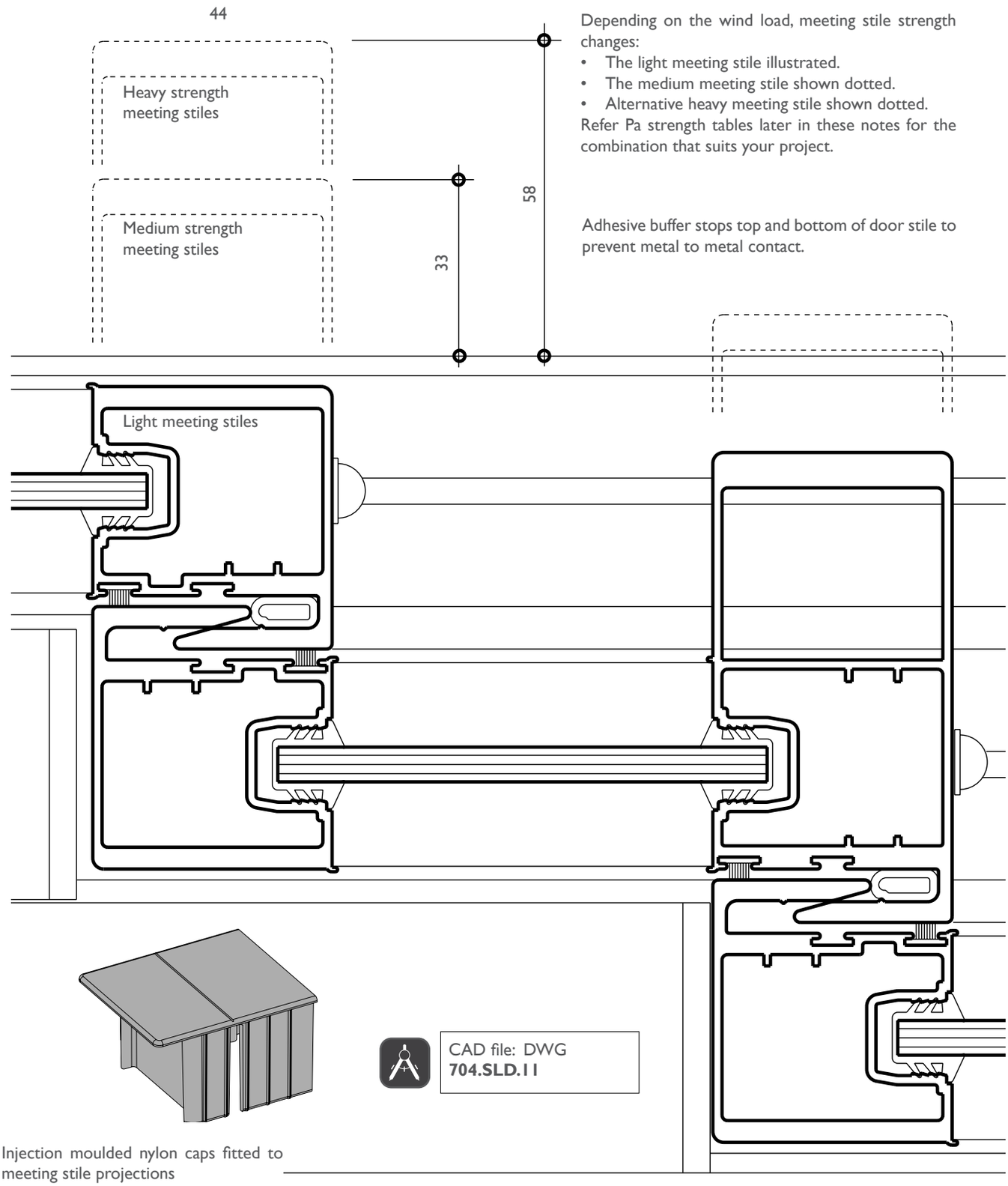
CAD file: DWG
704.SLD.11



Series 704
SlideMASTER™ SLIDING DOOR

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

150mm DUAL TRACK MEETING STILES



Depending on the wind load, meeting stile strength changes:

- The light meeting stile illustrated.
- The medium meeting stile shown dotted.
- Alternative heavy meeting stile shown dotted.

Refer Pa strength tables later in these notes for the combination that suits your project.

Adhesive buffer stops top and bottom of door stile to prevent metal to metal contact.

Injection moulded nylon caps fitted to meeting stile projections

CAD file: DWG
704.SLD.11

Series 704

SlideMASTER™ SLIDING DOOR

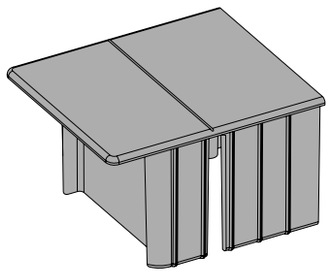
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

90° CORNER MEETING STILES

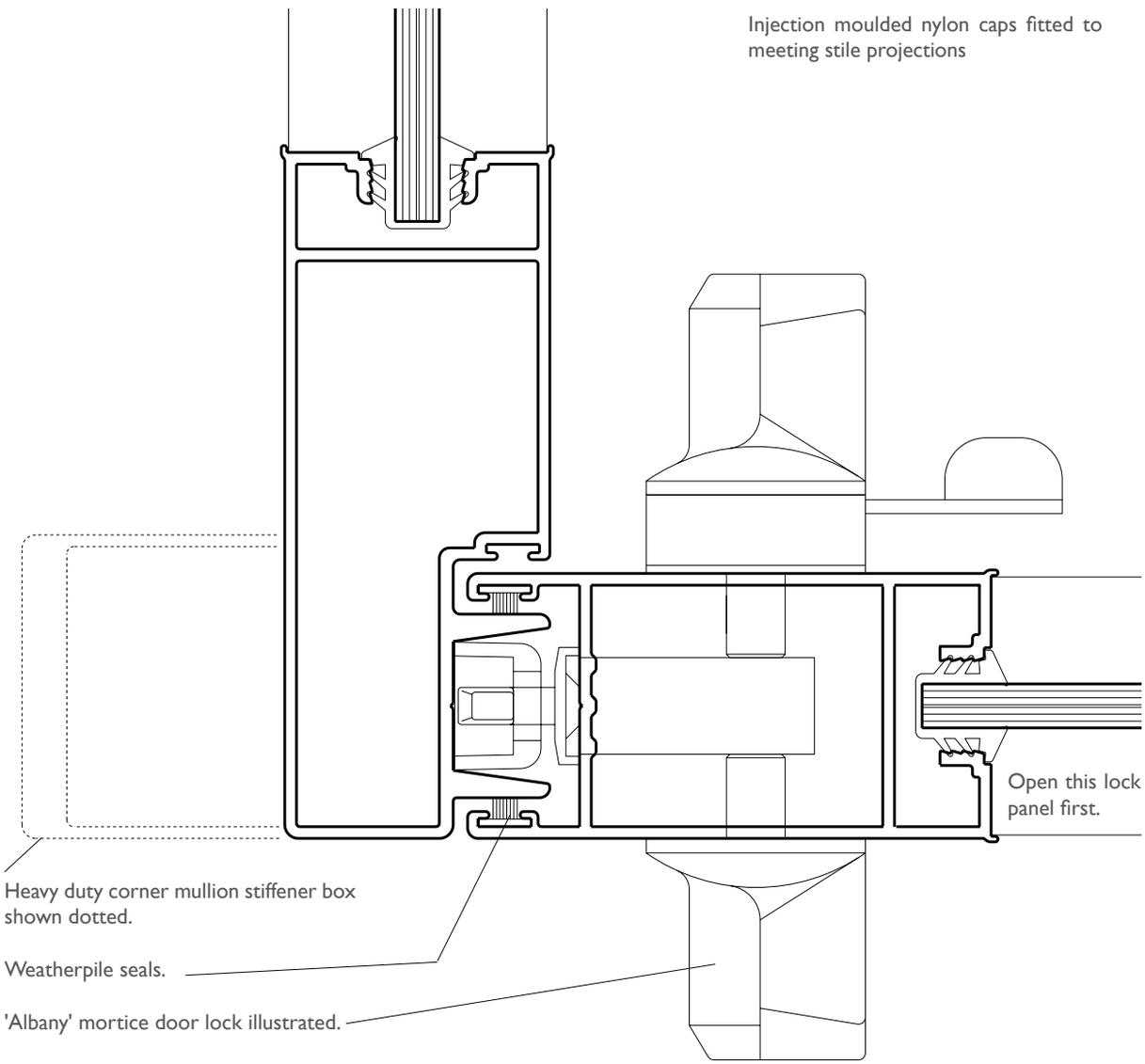
The 90° corner mullion comes in two strengths:
- Light suits doors up to 2200mm high, illustrated below
- Heavy suits doors over 2200mm high, shown dotted on the full size detail below.

The lock stile has to be opened before the keeper stile.

CAD file: DWG
704.SLD.25



Injection moulded nylon caps fitted to meeting stile projections

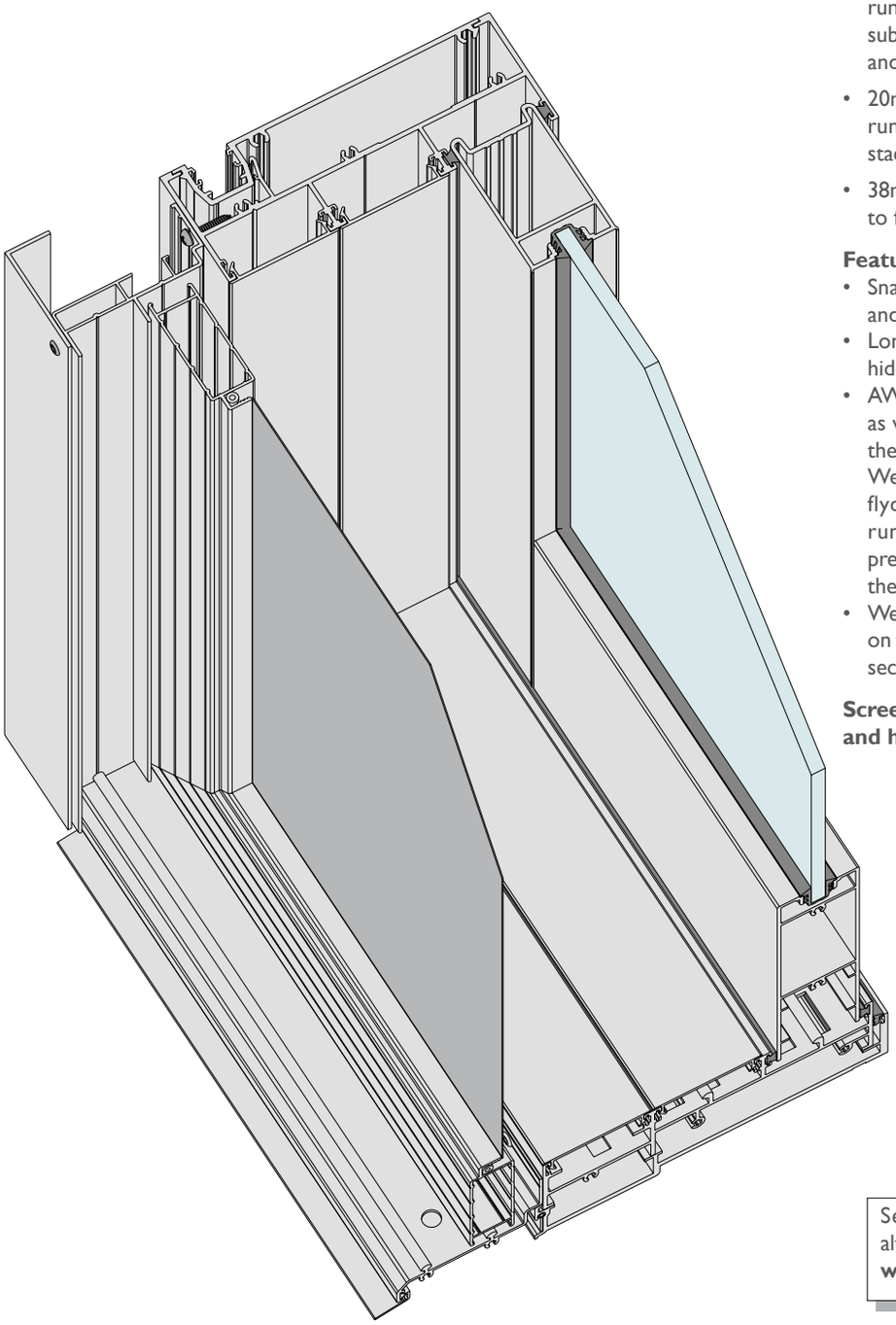


Series 704

SlideMASTER™ SLIDING DOOR

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

150mm DUAL TRACK FRAME FLYDOOR DETAILS



Stacking flydoors can be fitted on the outside of sliding doors if required as the moving (opening) glass doors are on the inside.

We have several options as shown on the following pages:

- 20mm thick conventional screen doors with full wrap round stacking flydoor frame.
- 20mm thick conventional screen doors with running rails fitted on custom extension for sub-sill and stacking flydoor frame on head and jambs.
- 20mm thick conventional screen doors with running rails on external floor finish and stacking flydoor frame on head and jambs.
- 38mm thick glass door panel extrusions used to fabricate screen doors.

Features on custom 20mm flydoors include:

- Snap-on interlocks for improved strength and appearance.
- Long perimeter legs on door stiles and rails hide wheels and lock keeper.
- AWS screen doors run extremely smooth as we have matched the wheel diameter to the frame running rails.
  We also fit spring loaded wheels in the flydoor top rails. These run on inbuilt running rails in the head and keep the pressure on the sill wheels; this in turn keeps the screen doors on track.
- We also offer Centor™ S4 roller flydoors on the inside of 704, refer details later in this section.

Screen doors get opened and closed often and have to work perfectly.

See all of our flydoor options and alternatives in full colour on our website: **www.specifyaws.com.au**

Series 704

SlideMASTER™ SLIDING DOOR

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

150mm DUAL TRACK FRAME FLYDOOR DETAILS
Flydoor Option 1.

Fit splayed filler if necessary to cover fixing screws.

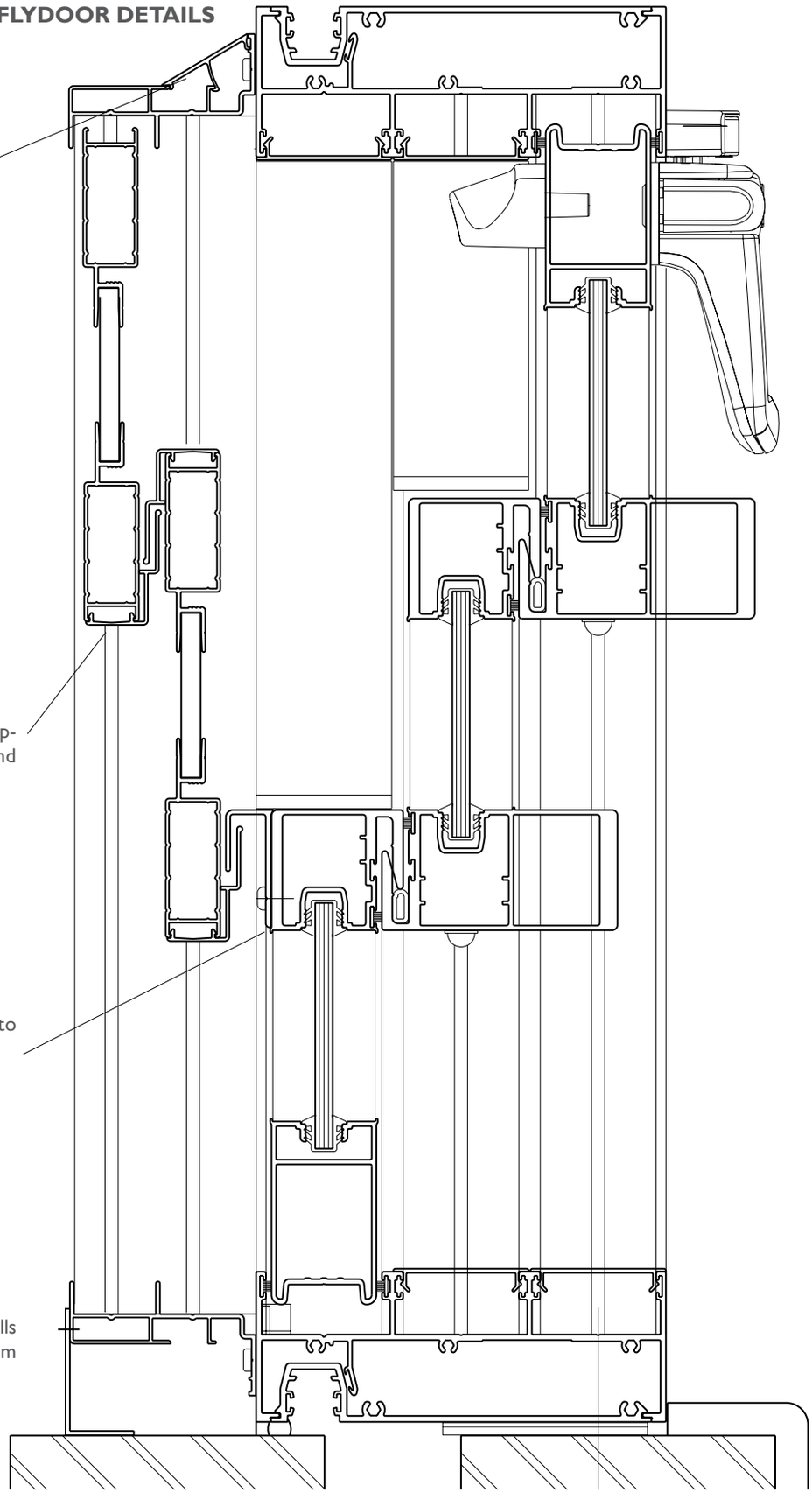
Alternatively you can use return aluminium angle/s, shown below.

CAD file: DWG
704.SLD.32

Elevate™ 20mm thick flydoors have snap-on interlocks for improved strength and appearance.

Concealed interlock screwed/riveted to fixed door stile.

Where flydoor jamb comes up to brick walls or similar, we could use a return aluminium angle as shown right.



Series 704

SlideMASTER™ SLIDING DOOR

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

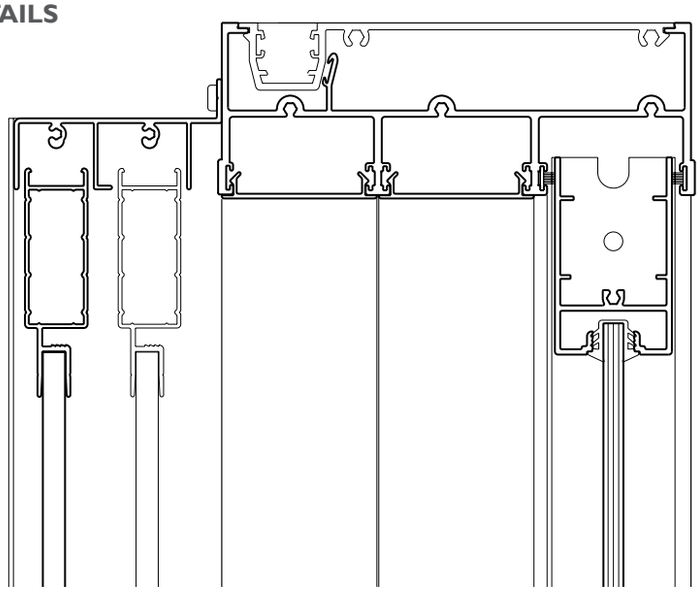
150mm DUAL TRACK FRAME FLYDOOR DETAILS
Flydoor Option.1

We have used the applied flydoor frame on all four sides as shown below and on the previous page.

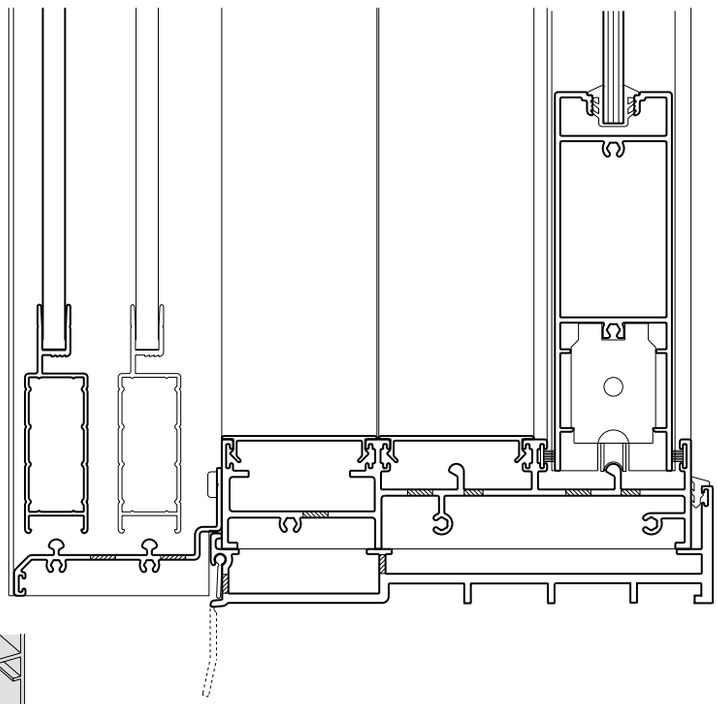
There are a number of alternative sill treatments using type 'P' running rails shown on the following pages.

Spring loaded wheels in flydoor top rail with running rails in the head keep the screen door in position and keep pressure on the load bearing sill wheels.

These top rail wheels also keep the screen door on track.



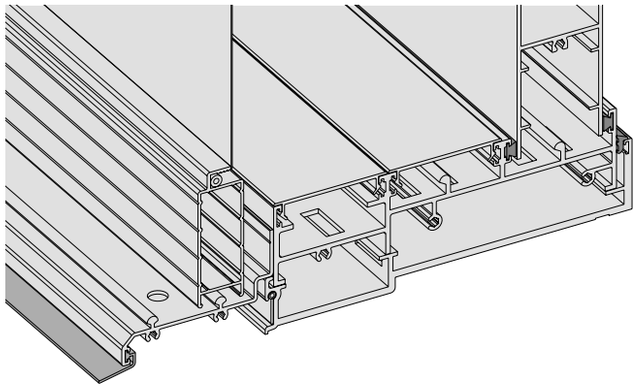
CAD file: DWG
704.SLD.32



Screw flydoor track to main frame with stainless steel self tapping screws or blind rivets @ 450mm max. cts.

On heavy barrier type doors it may be necessary to support the flydoor sill to prevent dishing. Pack @ 600mm cts.

The flydoor sill will accept PVC sill flap. Leave gaps @ 600mm max. cts. to allow water to escape from main door.



Series 704

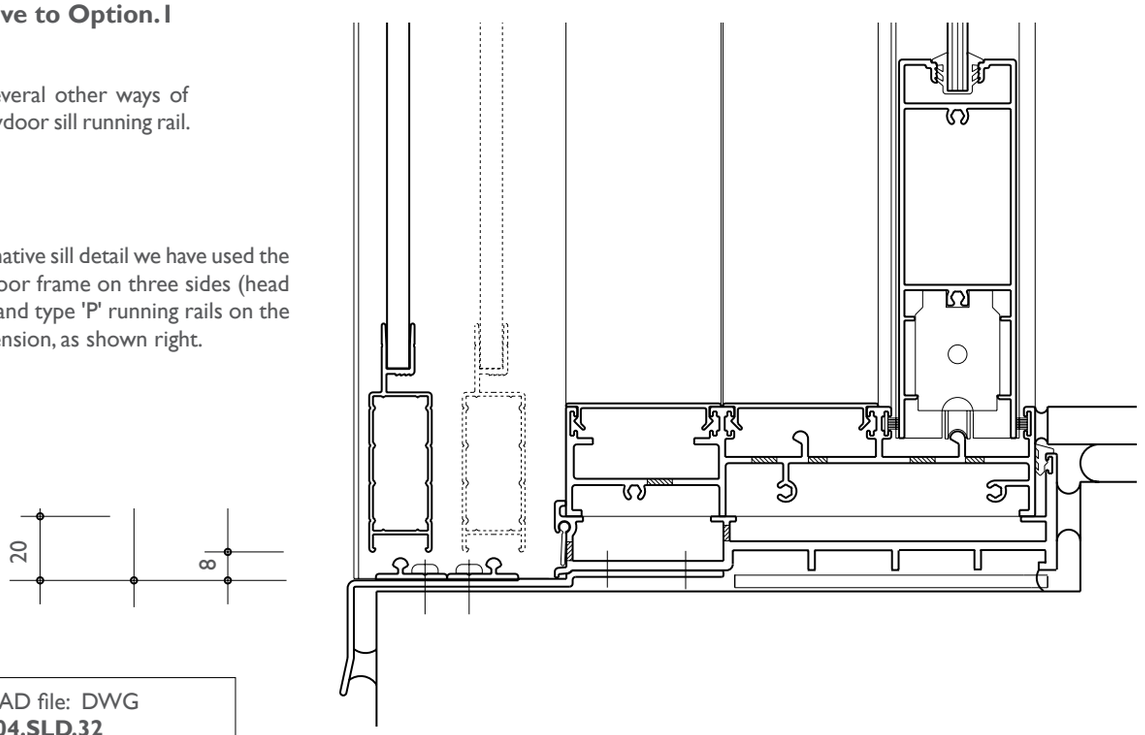
SlideMASTER™ SLIDING DOOR

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

150mm DUAL TRACK FRAME FLYDOOR DETAILS
Alternative to Option.1

We have several other ways of fitting the flydoor sill running rail.

In this alternative sill detail we have used the applied flydoor frame on three sides (head and jambs) and type 'P' running rails on the sub-sill extension, as shown right.

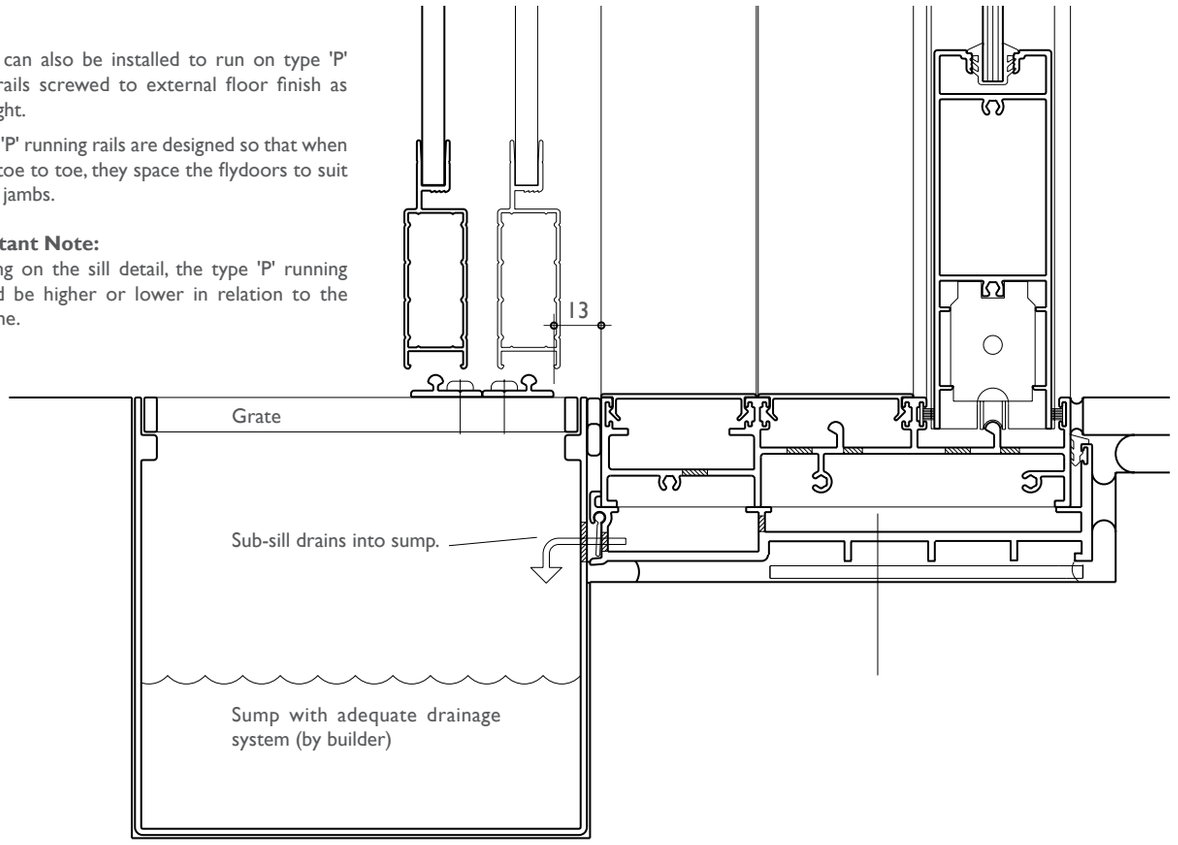


CAD file: DWG
704.SLD.32

Flydoors can also be installed to run on type 'P' running rails screwed to external floor finish as shown right.

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

*** Important Note:**
Depending on the sill detail, the type 'P' running rail could be higher or lower in relation to the main frame.



Series 704

SlideMASTER™ SLIDING DOOR

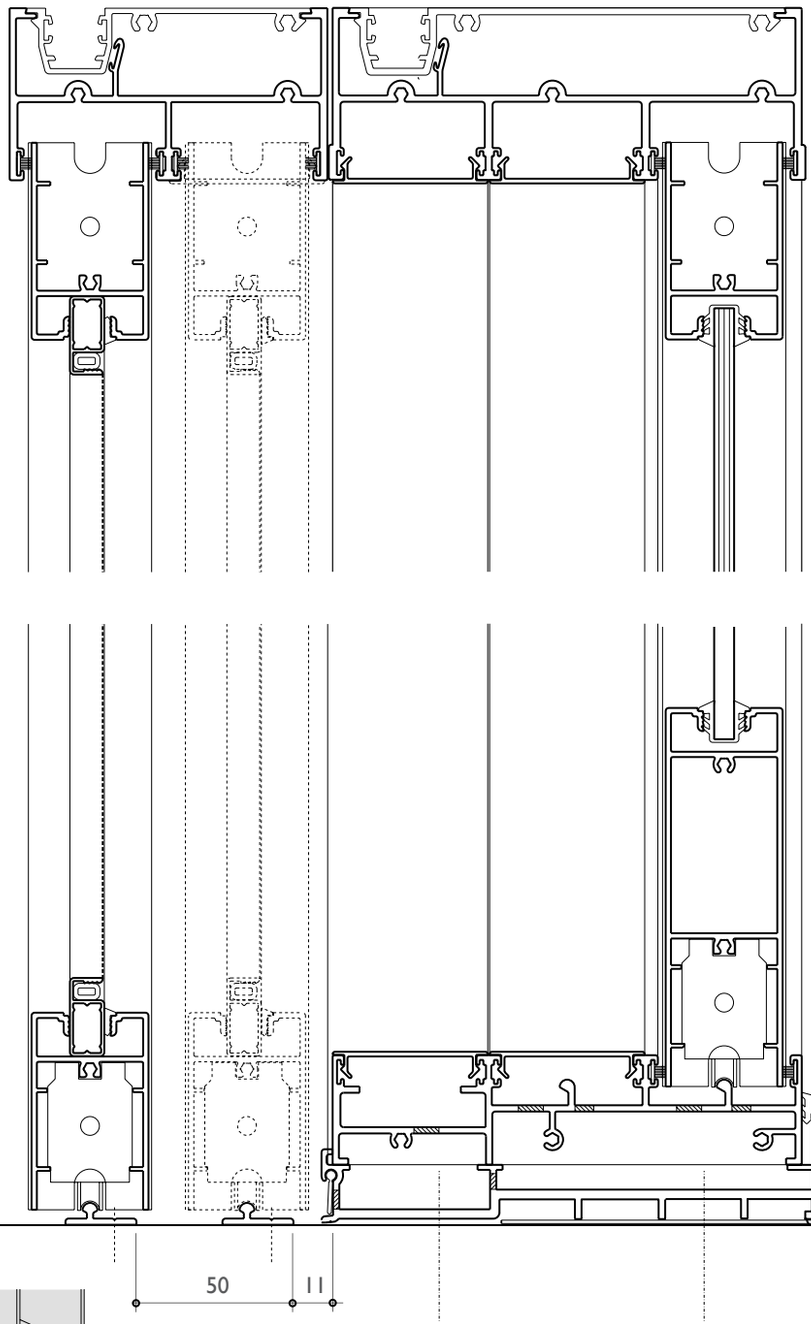
DATE: SEPT 21
REPLACES: MAR 21
SCALE: NOT TO SCALE

150mm DUAL TRACK FRAME FLYDOOR DETAILS

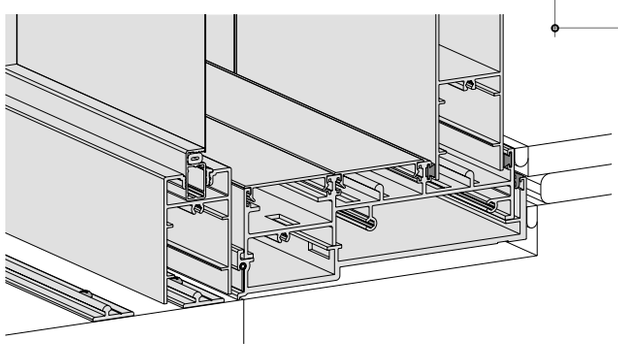
Flydoor Option.2

We have used the 102mm frame around flydoor panels fabricated from SlideMASTER™ sliding door rails and stiles.

The flydoor type 'P' running rails are surface fitted to the external floor finish.



*** Important Note:**
Depending on the sill detail, the type 'P' running rail could be higher or lower in relation to the main frame.



Series 704

SlideMASTER™ SLIDING DOOR

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

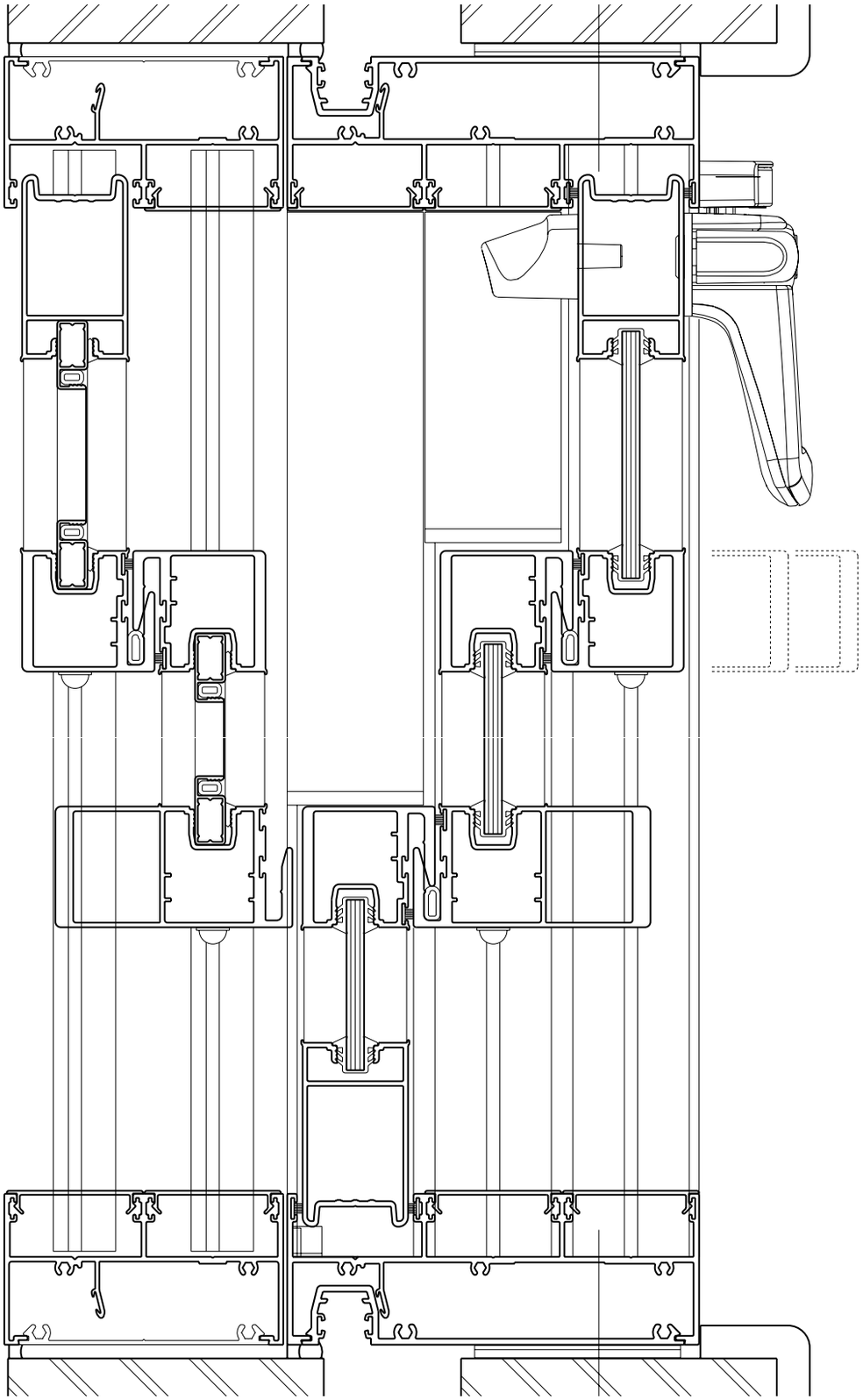
150mm DUAL TRACK FRAME FLYDOOR DETAILS
Flydoor Option 2.

Extruded 102mm aluminium. on head and jambs.

SlideMASTER™ door panel with extruded aluminium flyscreen insert.

Note:
We also have a barrier type flyscreen insert if required.

Screen door stiles align with main door stiles for improved appearance.



Series 704

SlideMASTER™ SLIDING DOOR

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

S4 RECTRACTABLE 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 Series 704 SlideMASTER™ slding door. The screen can be fitted to any of the SlideMASTER™ sliding door configurations including the maximum opening XXF, FXXXXF up to 8913mm wide (with standard weave mesh) plus 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.

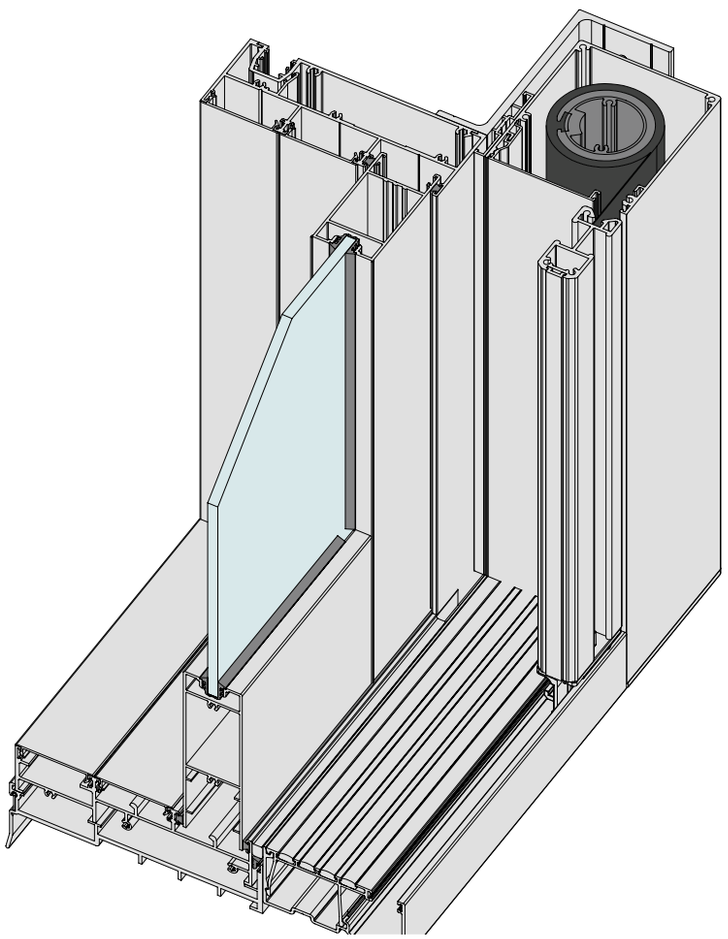
A shock absorption system allows visitors taken in by the screen's unobtrusiveness and near invisibility to walk away with little more than a surprise.

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 blockout 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 petra 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 704

SlideMASTER™ SLIDING DOOR

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

102mm FRAME – MEETING STILE STRENGTH

Meeting stile combinations

	Panel	Rebate	Light			Medium			Heavy			EXTRA Heavy		
Door	Height	Width	L/180	L/250		L/180	L/250		L/180	L/250		L/180	L/250	
Code	mm	mm	S	S	U	S	S	U	S	S	U	S	S	U
XF	2400	2400	833	600	2194	2448	1829	3672	3333	3333	5000	3333	3333	5000
XF	2400	2700	750	540	1968	2196	1646	3293	3149	3020	4723	3333	3333	5000
XF	2400	3000	688	-	1799	2007	1511	3011	2878	2771	4317	3333	3333	5000
XF	2700	2400	569	-	1697	1736	1250	2839	2714	2293	4071	3314	2793	4972
XF	2700	2700	509	-	1514	1554	1119	2533	2422	2052	3633	2958	2500	4436
XF	2700	3000	-	-	-	1416	1020	2301	2200	1870	3301	2687	2278	4030
XF	3000	2400	-	-	-	1240	893	2264	2164	1638	3246	2643	1996	3964
XF	3000	2700	-	-	-	1106	796	2013	1924	1460	2886	2350	1779	3525
XF	3000	3000	-	-	-	1003	722	1821	1741	1325	2611	2126	1614	3189
FXF	2400	3150	945	680	2497	2785	2074	4178	3333	3333	5000	3333	3333	5000
FXF	2400	3600	831	598	2189	2442	1825	3663	3333	3333	5000	3333	3333	5000
FXF	2400	4050	748	539	1965	2191	1643	3287	3143	3014	4714	3333	3333	5000
FXF	2400	4500	687	-	1795	2004	1508	3006	2874	2767	4310	3333	3333	5000
FXF	2700	3150	649	-	1939	1978	1425	3244	3102	2613	4652	3333	3183	5000
FXF	2700	3600	568	-	1692	1732	1247	2832	2708	2287	4061	3306	2786	4959
FXF	2700	4050	508	-	1511	1550	1116	2528	2417	2048	3625	2951	2494	4427
FXF	2700	4500	-	-	-	1414	1018	2297	2197	1867	3295	2682	2274	4023
FXF	3000	3150	-	-	-	1419	1021	2594	2480	1874	3720	3029	2282	4543
FXF	3000	3600	-	-	-	1237	891	2258	2159	1634	3238	2636	1991	3954
FXF	3000	4050	-	-	-	1103	794	2008	1920	1457	2880	2345	1775	3517
FXF	3000	4500	-	-	-	1001	721	1817	1738	1322	2607	2122	1611	3183
FXXF	2400	4200	925	666	2445	1838	1323	2757	2731	2504	4097	3333	3333	5000
FXXF	2400	4800	817	588	2152	1618	1169	2426	2404	2211	3605	3333	3333	5000
FXXF	2400	5400	738	532	1937	1456	1056	2184	2164	1997	3245	3333	3333	5000
FXXF	2400	6000	679	489	1775	1335	971	2002	1983	1838	2975	3333	3333	5000
FXXF	2700	4200	635	-	1897	1261	908	2139	2120	1718	3179	3333	3116	5000
FXXF	2700	4800	558	-	1662	1108	798	1874	1857	1510	2785	3248	2738	4871
FXXF	2700	5400	501	-	1488	995	716	1678	1663	1355	2494	2907	2458	4361
FXXF	2700	6000	-	-	-	909	655	1529	1514	1239	2272	2648	2247	3973
FXXF	3000	4200	-	-	-	904	651	1710	1694	1231	2541	2693	2233	4445
FXXF	3000	4800	-	-	-	791	570	1494	1480	1078	2220	2588	1955	3882
FXXF	3000	5400	-	-	-	708	509	1332	1320	964	1980	2308	1748	3463
FXXF	3000	6000	-	-	-	644	-	1209	1197	877	1796	2094	1590	3141

Wind Ratings (Pa) meeting stiles.

Series 704

SlideMASTER™ SLIDING DOOR

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

150mm FRAME – MEETING STILE STRENGTH

Rating tables for door meeting stiles on these pages.

S = Serviceability limit state (deflection = L/180 or deflection L/250).
U = Ultimate strength limit state (factored yield strength = 104MPa).

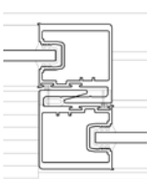
These tables have been calculated using nominal section properties.
A typical assembly has been tested as per the requirements of AS 2047,

Serviceability rating has been limited to 3333Pa and
Ultimate strength rating has been limited to 4000Pa without top rail stiffener and 5000Pa with top rail stiffener.

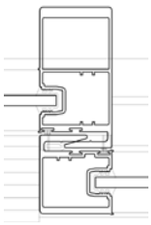
Meeting stile combinations

	Panel	Rebate	Light			Medium			Heavy			EXTRA Heavy		
Door	Height	Width	L/180	L/250		L/180	L/250		L/180	L/250		L/180	L/250	
Code	mm	mm	S	S	U	S	S	U	S	S	U	S	S	U
XXF	2400	3150	889	640	2347	2618	1952	3927	3333	3333	5000	3333	3333	5000
XXF	2400	3600	791	569	2080	2321	1737	3481	3328	3186	4992	3333	3333	5000
XXF	2400	4050	719	518	1884	2101	1578	3151	3013	2895	4520	3333	3333	5000
XXF	2400	4500	665	-	1735	1936	1460	2903	2776	2678	4164	3333	3333	5000
XXF	2700	3150	609	-	1819	1858	1338	3043	2910	2454	4365	3333	2990	5000
XXF	2700	3600	539	-	1605	1644	1184	2685	2567	2172	3851	3135	2645	4703
XXF	2700	4050	-	-	-	1485	1069	2417	2311	1961	3467	2822	2389	4234
XXF	2700	4500	-	-	-	1363	982	2212	2115	1801	3173	2583	2193	3874
XXF	3000	3150	-	-	-	1330	958	2431	2324	1757	3486	2838	2140	4257
XXF	3000	3600	-	-	-	1173	844	2138	2044	1549	3066	2496	1887	3744
XXF	3000	4050	-	-	-	1054	759	1917	1833	1393	2749	2238	1696	3357
XXF	3000	4500	-	-	-	963	694	1746	1670	1272	2505	2039	1550	3059
FXXXXF	2400	5500	1035	745	2741	2055	1480	3090	3060	2799	4590	3333	3333	5000
FXXXXF	2400	6000	951	685	2514	1889	1360	2835	2808	2573	4212	3333	3333	5000
FXXXXF	2700	5500	713	513	2133	1415	1019	2405	2382	1927	3572	3333	3333	5000
FXXXXF	2700	6000	653	-	1952	1297	934	2201	2181	1767	3271	3333	3333	5000
FXXXXF	3000	5500	512	-	1708	1017	732	1926	1908	1385	2862	3333	2512	5000
FXXXXF	3000	6000	-	-	-	930	670	1761	1744	1267	2616	3050	2298	4576

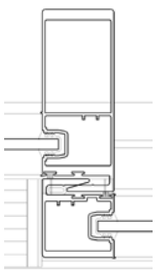
Wind Ratings (Pa) meeting stiles.



Light meeting stile combination
Ixx = 355 x 10^3mm^4

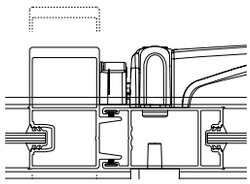


Medium meeting stile combination
Ixx = 1083 x 10^3mm^4



Heavy meeting stile combination
Ixx = 1986 x 10^3mm^4

Ex. Heavy meeting stile combination
Ixx = 2432 x 10^3mm^4



Centre meeting stile combination on 'FXXF', 'FXXXXF' and 'FXXXXXXF'
Medium Ixx = 705 x 10^3mm^4
Heavy Ixx = 1334 x 10^3mm^4
Ex. Heavy Ixx = 3144 x 10^3mm^4

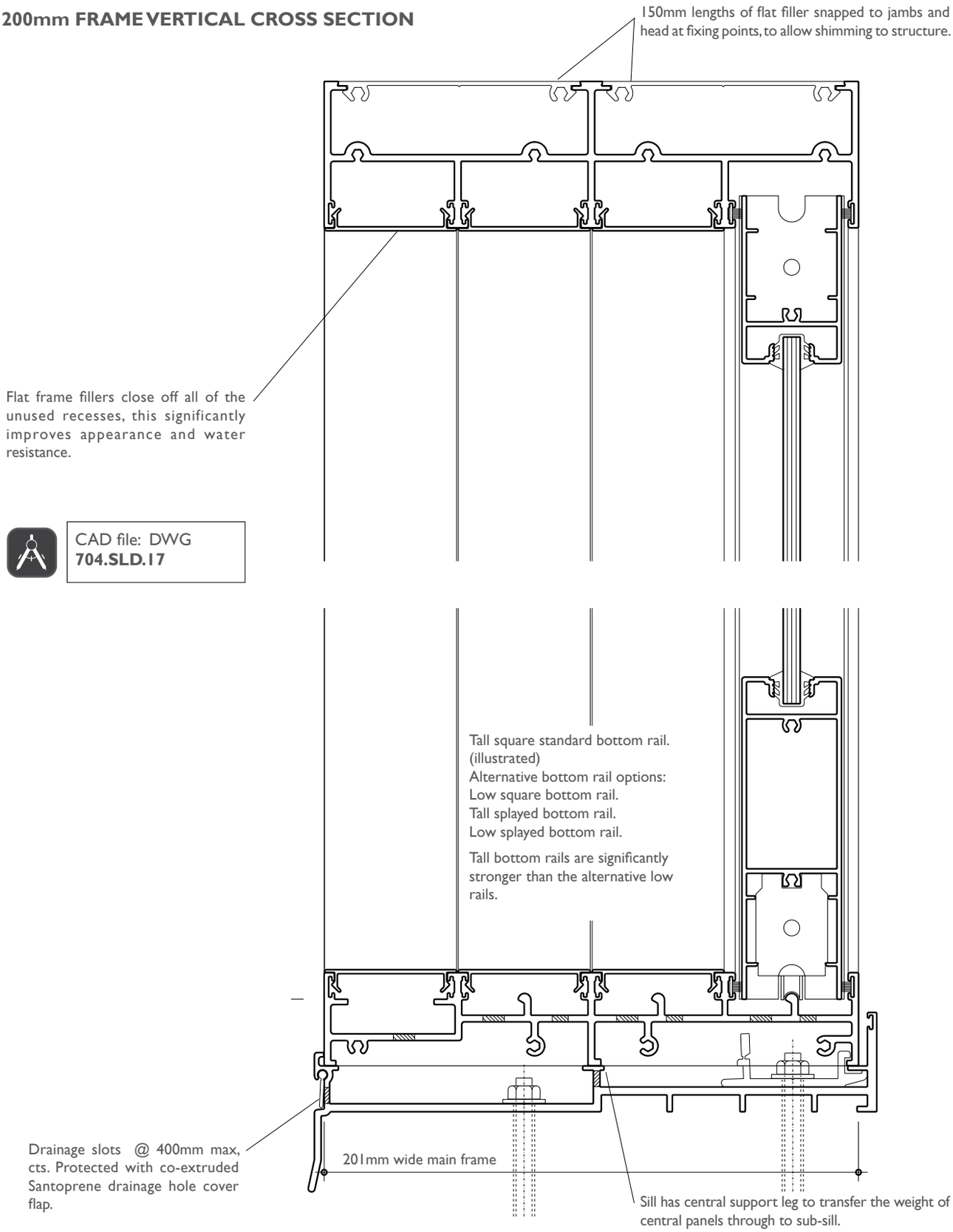
- Denotes rating under 500Pa

Series 704

SlideMASTER™ SLIDING DOOR

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

200mm FRAME VERTICAL CROSS SECTION



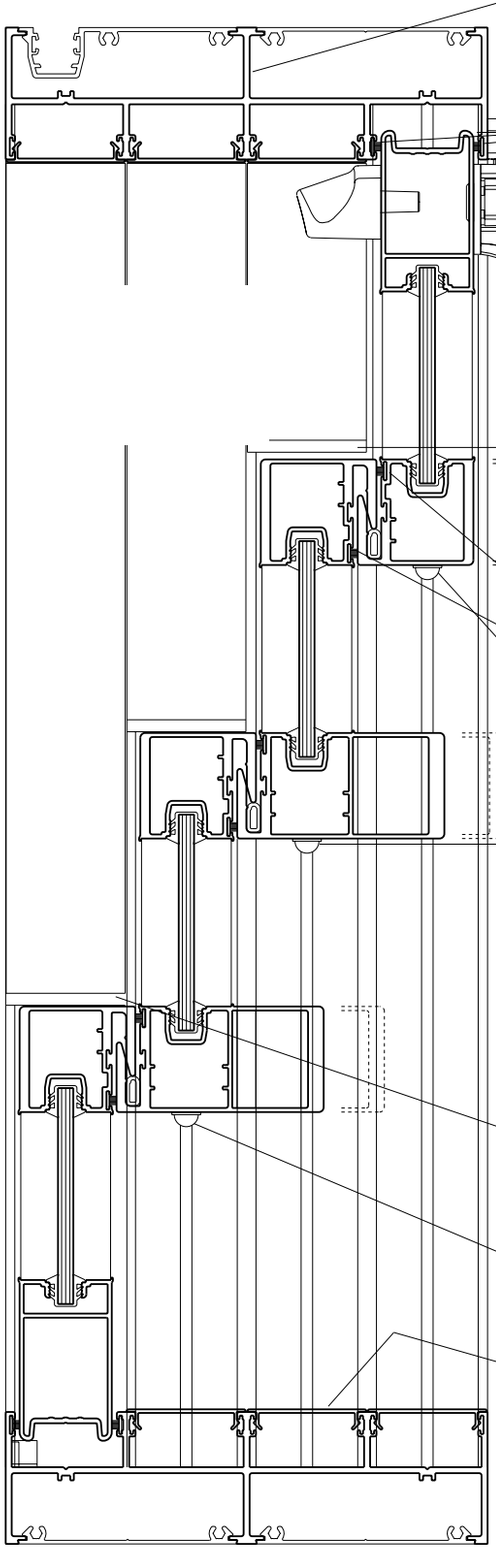
Series 704

SlideMASTER™ SLIDING DOOR

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

200mm FRAME HORIZONTAL CROSS SECTION

Flydoors:
The extra wide (200mm) frame makes this door not that suitable for external screening.
If for some reason you want to fit an external screen this four track door use screen door option 3 with 80472 frame.



200mm wide jamb has central stability leg.

Weatherpile seal.

ANDO™ two point locks are standard on Series 704 doors.
We offer a variety of other locks.

Moulded nylon flat filler end cap at head and sill.

CAD file: DWG
704.SLD.19

Double weatherpile at meeting stiles.

Doors.1 & 2 fitted with adhesive door stop buttons both ends, to prevent door.1 crashing into door.2.

Heavy inner meeting stile shown dotted.

Fixed meeting stile secured to head and sill with custom moulded glass filled nylon bracket.

Adhesive door stop buttons both ends, prevents the door.3 from striking the jamb.

Flat frame fillers close off all of the unused recesses, this significantly improves appearance and water resistance.

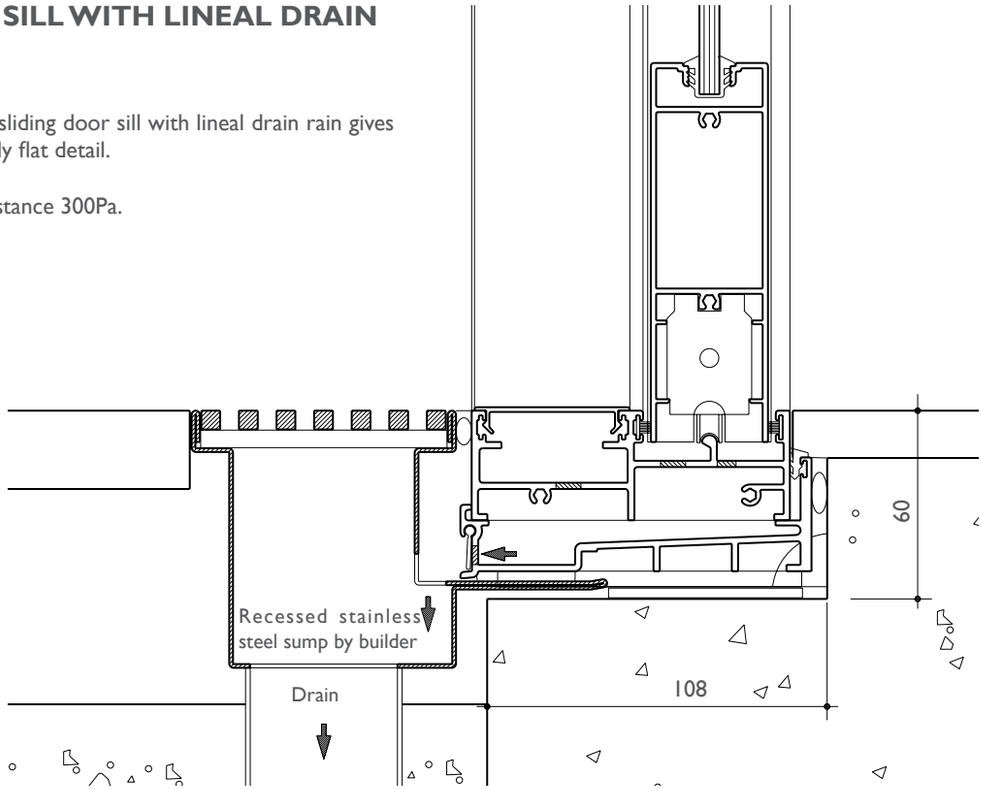
Series 704
SlideMASTER™ SLIDING DOOR

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

102mm SILL WITH LINEAL DRAIN

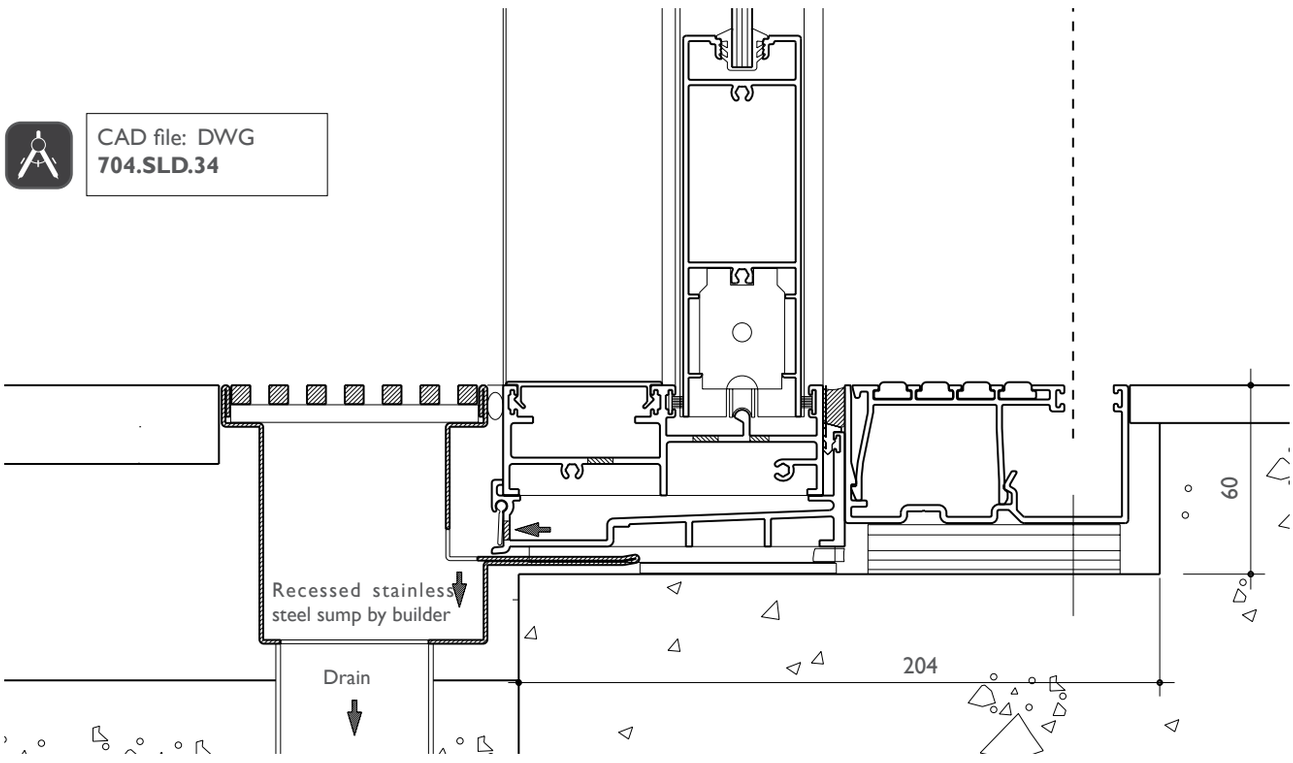
Series 704 sliding door sill with lineal drain rain gives a completely flat detail.

Water resistance 300Pa.



102mm SILL WITH LINEAL DRAIN AND CENTOR RETRACTABLE SCREEN

CAD file: DWG
704.SLD.34



Series 704

SlideMASTER™ SLIDING DOOR

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

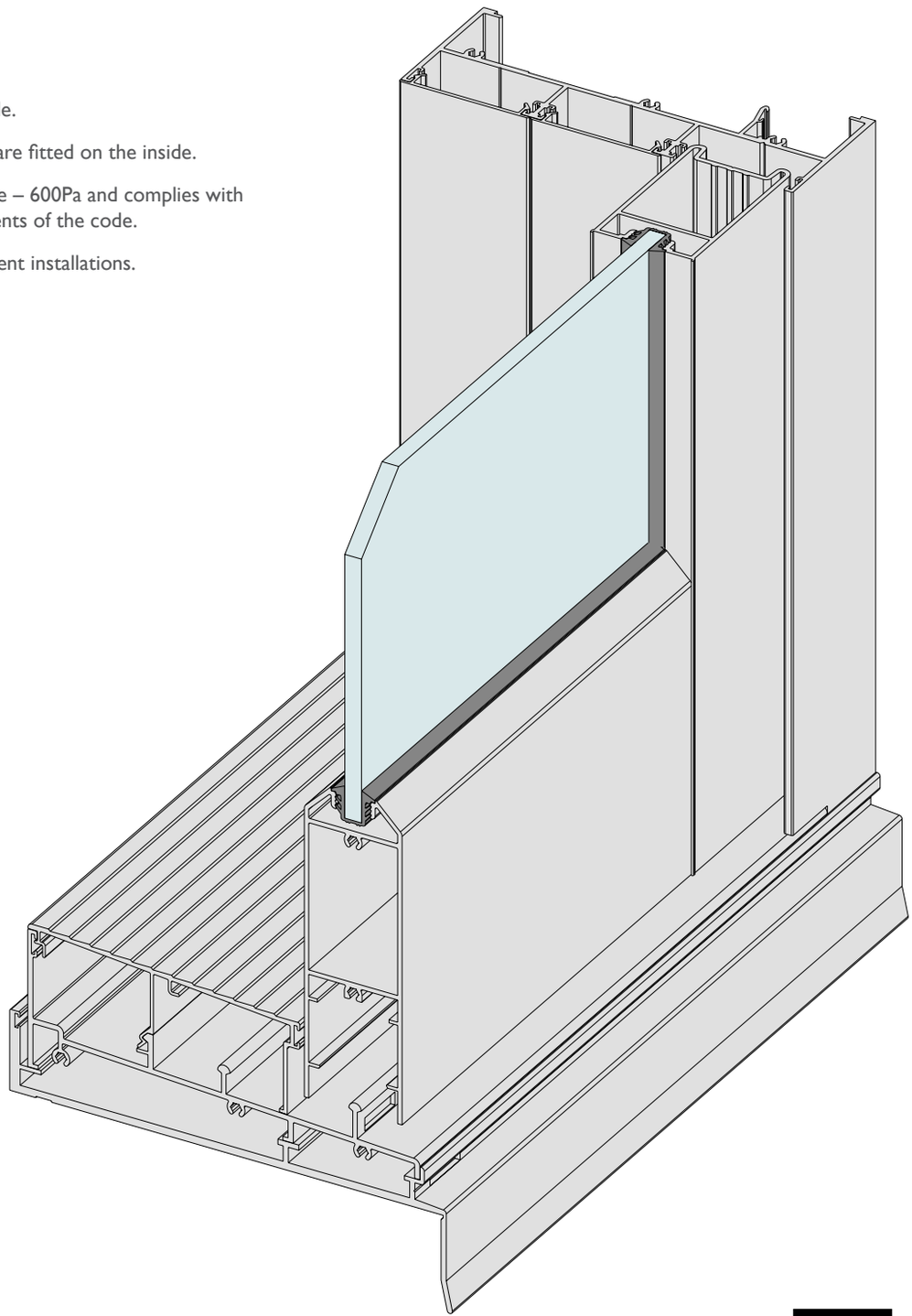
ALTERNATIVE SERIES 702 DOOR

Alternative Series 702 High Water Resistance Door

To get higher water resistance (more than 450Pa) consider using the Series 702 SlideMASTER™ door

Details:

- Doors slide on the outside.
- Screen doors if required are fitted on the inside.
- Very high water resistance – 600Pa and complies with airconditioning requirements of the code.
- Ideal for high-rise apartment installations.

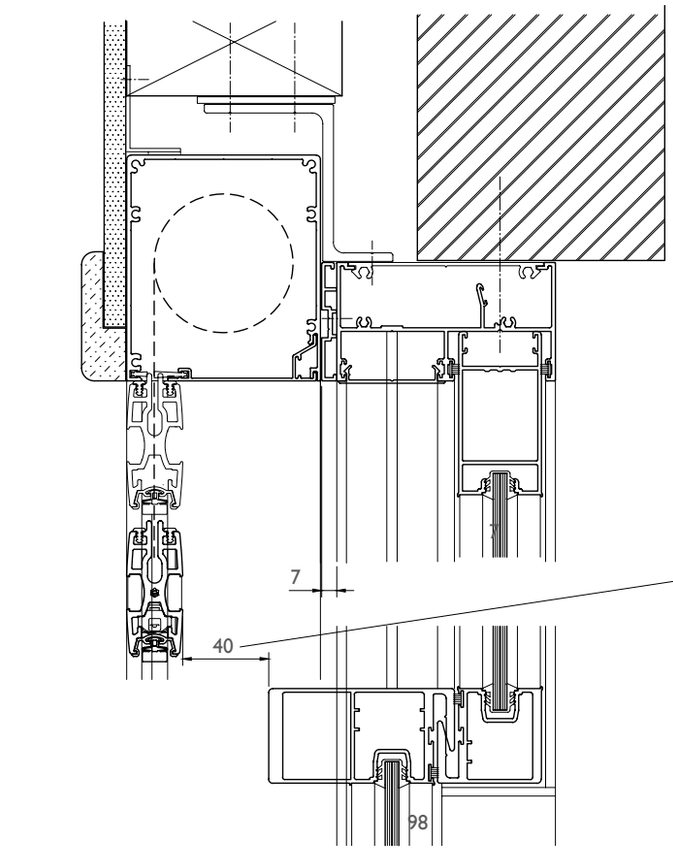


Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
102mm FRAME WITH SINGLE Centor™ S4 ROLLER SCREEN



Standard jamb with S4 screen.

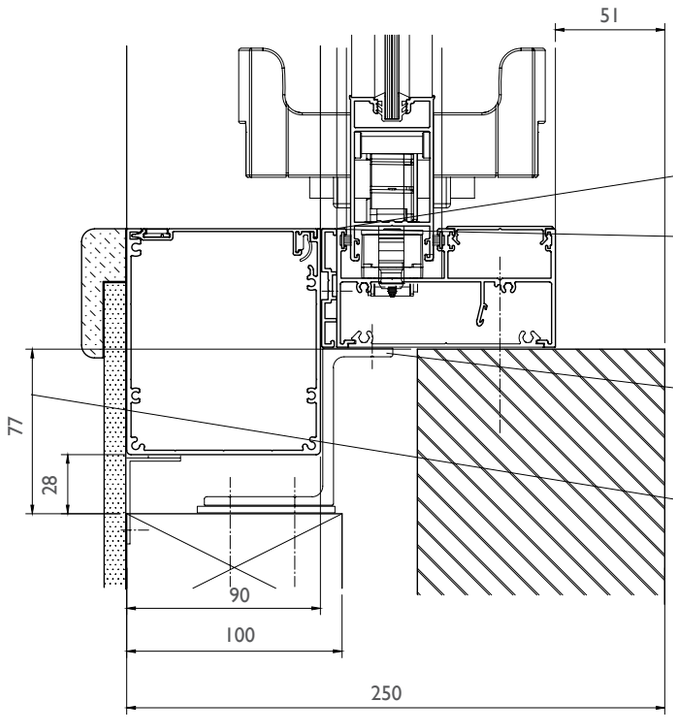
Screen inline with frame

Used on centre locking doors (FXF & FXXF) and jamb locking doors (XF & XXF) where you can use a single direction screen as drawn.

If you have to use a double direction screen (when screen width exceeds width of single screen) the screen frame is rebated as shown on following page.

NOTE Jamb spacer between door frame and screen canister required to suit sub-sill under.

This gap reduces to 13mm when using heavy or EX heavy meeting stiles on glass door.



Spacer 80504 between screen jamb and main frame to compensate for the sub-sill.

This detail with screen canister in line with the main frame is only suitable for XF, FX, XFF and FFX door configurations the width of glass door may be limited by maximum screen width.

Custom extruded aluminium Centor screen installation bracket 93119 @ 450mm Max. cts.

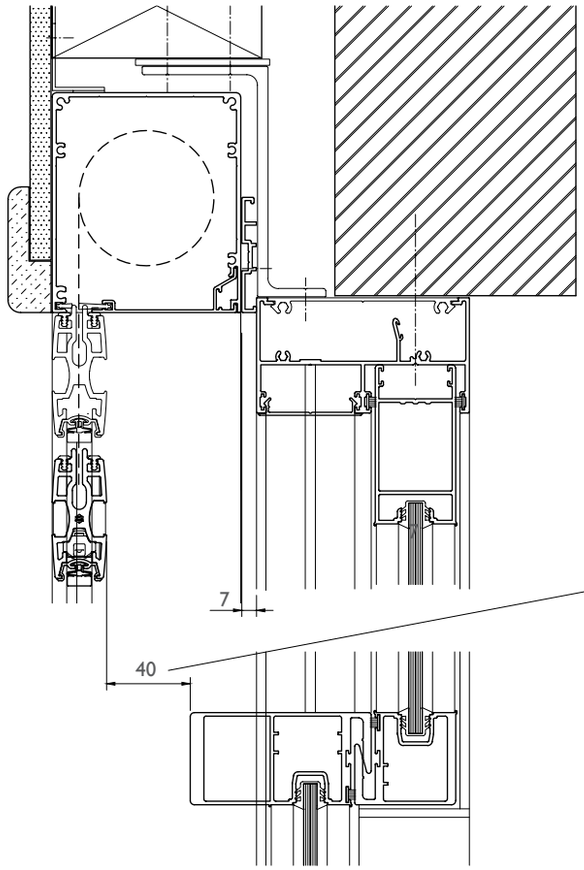
Most Important:
Builder must leave a recess in the jamb to accept the Centor screen canister - both sides.

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
102mm FRAME WITH DOUBLE Centor™ S4 ROLLER SCREEN



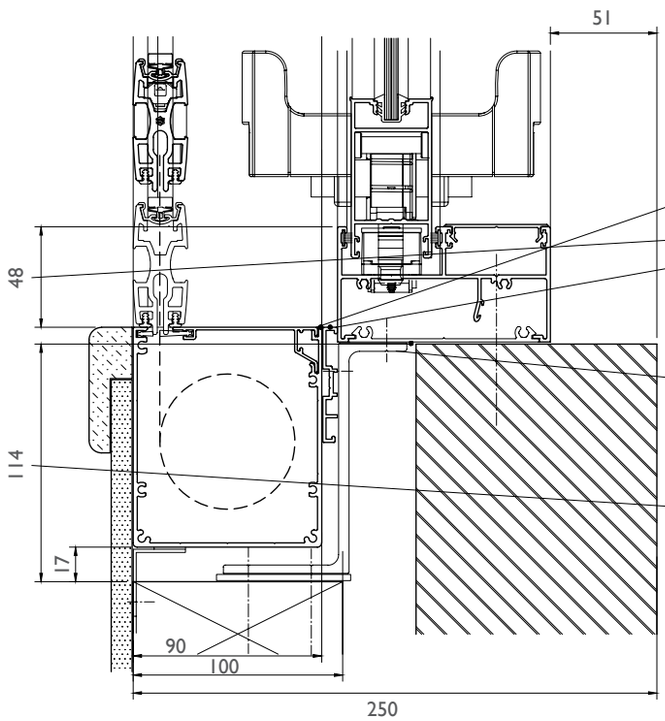
Rebated jamb with S4 screen.

Screen rebated (48mm) with frame to allow access to the glass door lock cylinder from the inside when screen is retracted (in the open position).

Used on jamb locking doors (XF and XXF) where the screen width has exceeded single mesh screen or you are using a combination double screen.

NOTE Jamb spacer between door frame and screen canister required to suit sub-sill under.

This gap reduces to 13mm when using heavy or EX heavy meeting stiles on glass door.



Spacer 80504 between screen jamb and main frame to compensate for the sub-sill.

This detail with screen canister is recessed 48mm to main frame is suitable for sliding doorswith jamb lock when screen width exceeds single screen.

Custom extruded aluminium Centor screen installation bracket 93120 @ 450mm Max. cts.

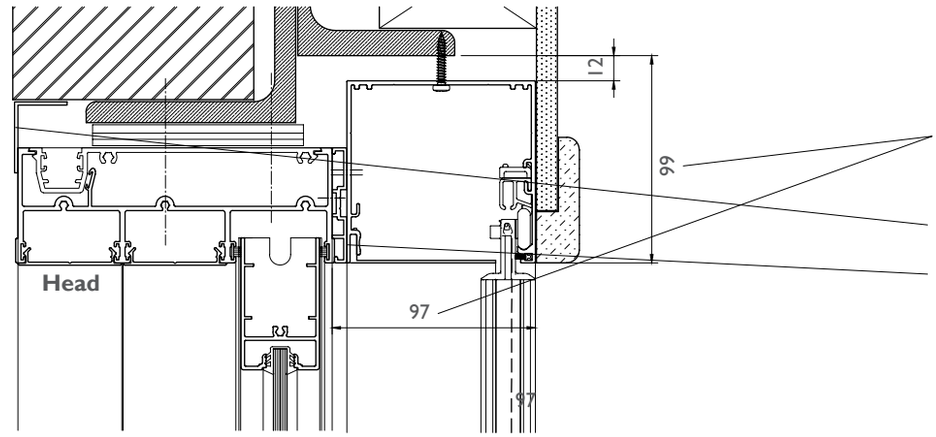
Most Important:
Builder must leave a recess in the jamb to accept the Centor screen canister - both sides.

Series 704

SlideMASTER™ SLIDING DOOR

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

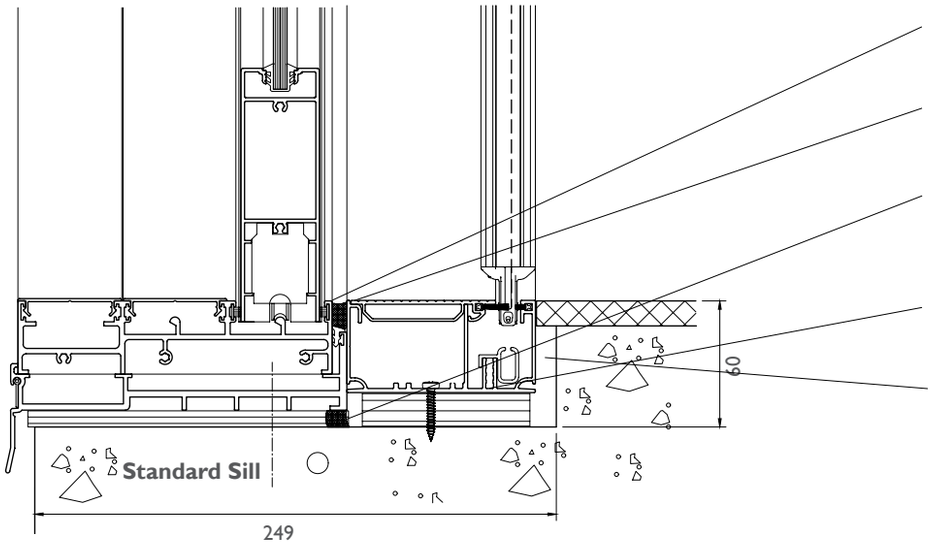
TYPICAL VERTICAL CROSS SECTION - 150mm FRAME WITH Centor™ S4 ROLLER SCREEN



Leave enough space to accept the Centor screening system.

Aluminium angle closer trim.

Spacer 80504 between screen head and main frame to compensate for the sub-sill.



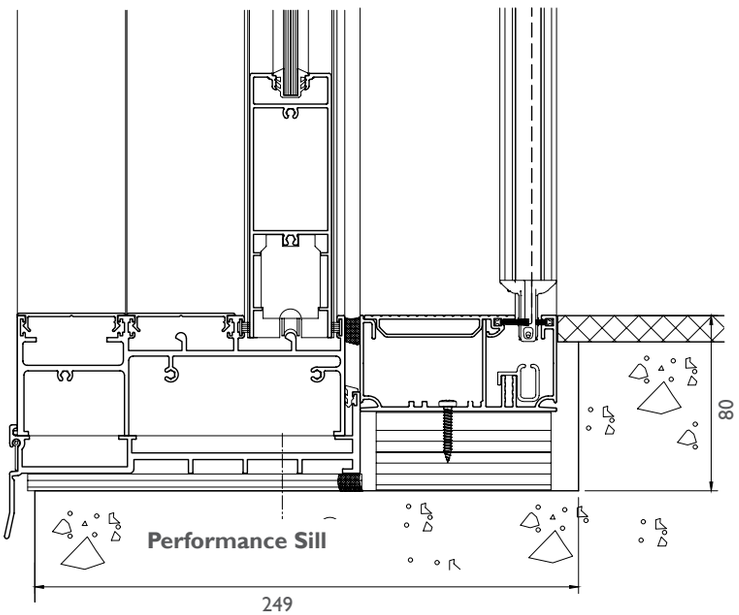
Silicone seal the gap between screen sill and main frame.

Align the top of screen sill with the top of weather sill.

Seal the primary door frame (sub-sill) to structure at this location before fitting the screen frame.

Shim and fix the screen sill @ 450mm max. cts.

Seal the screen sill to structure to prevent movement as this could cause problems with floor finish.



Centor S4 Screening system.

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

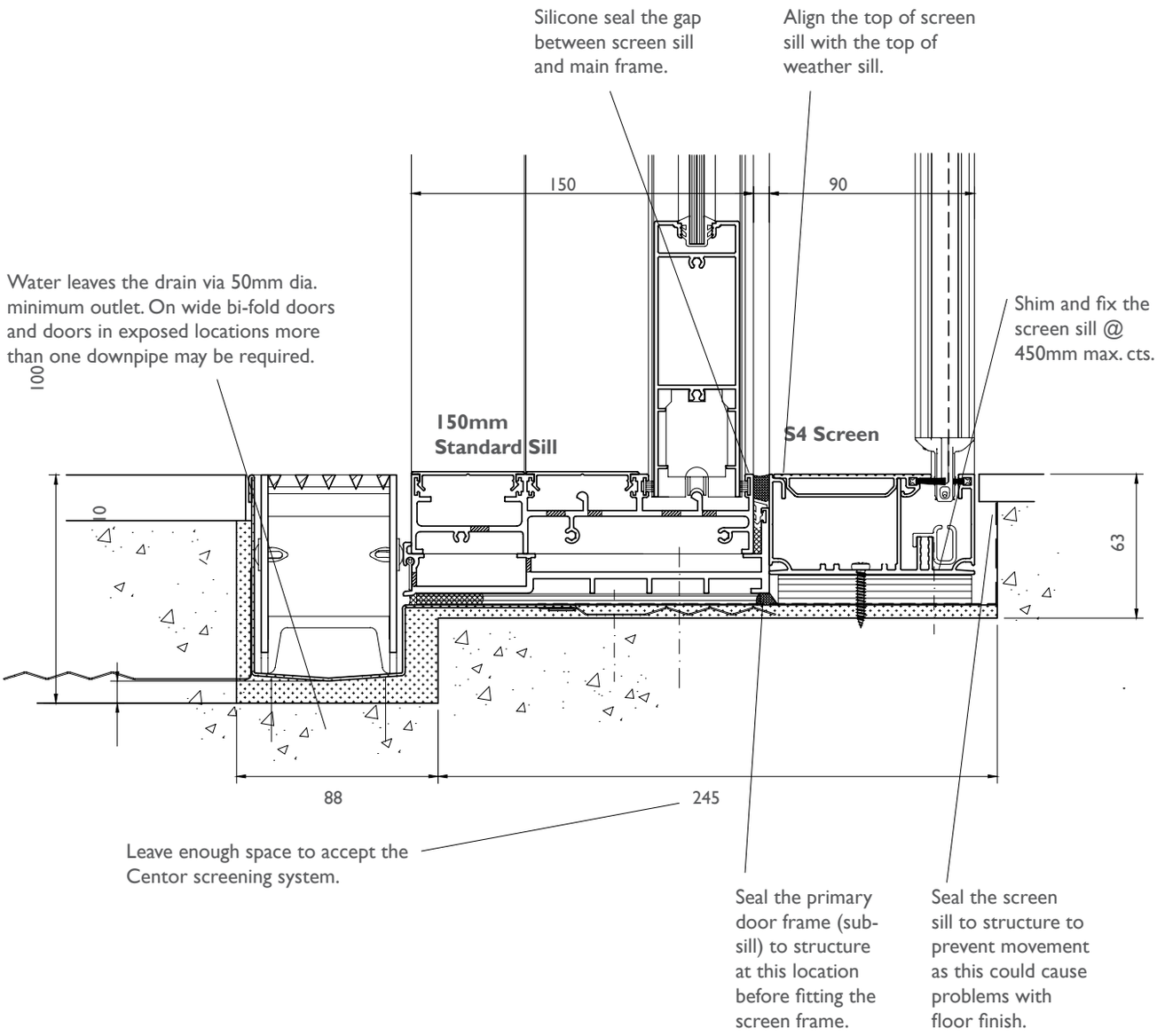
Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL VERTICAL CROSS SECTION - 150mm FRAME WITH Centor™ S4 ROLLER SCREEN

Note:
This is a secondary drain - the floor slab should fall away from the door frame towards a primary drainage system..

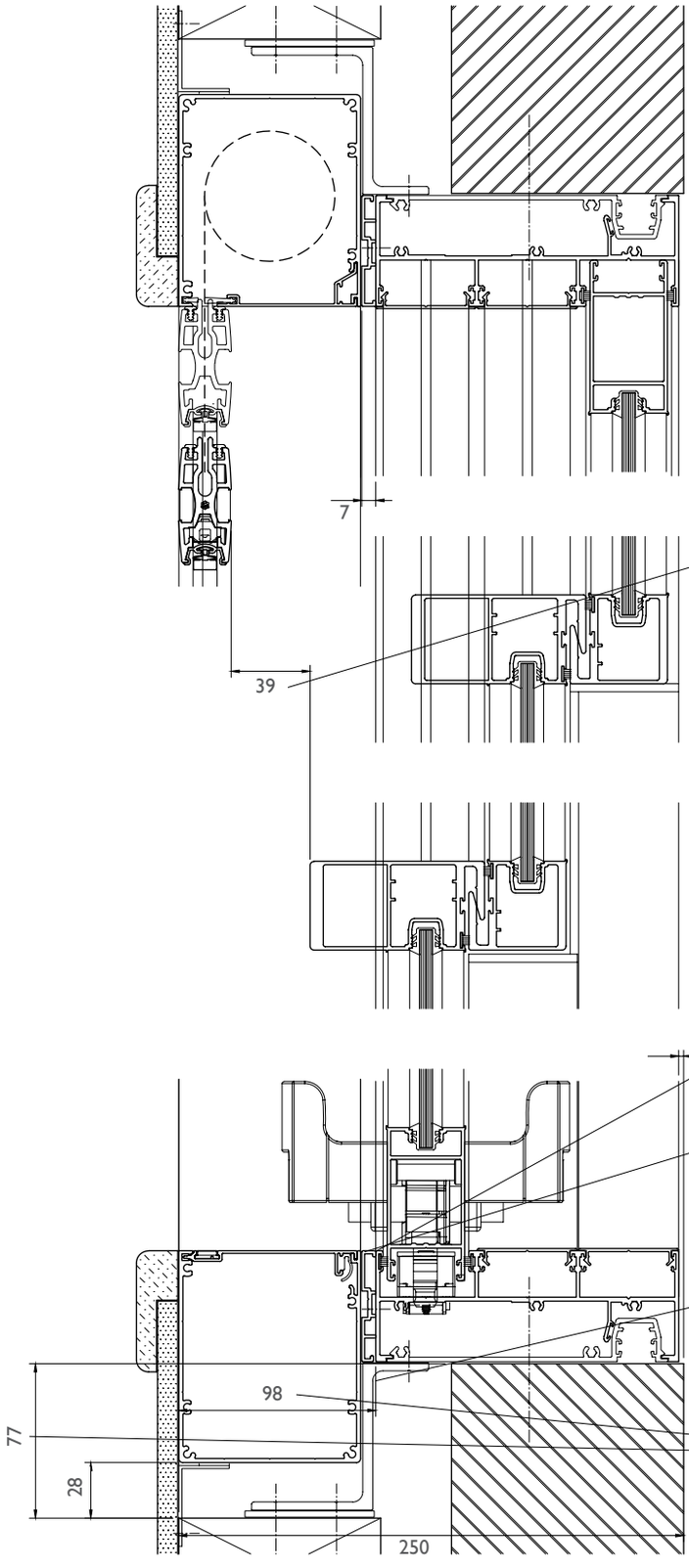


Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
150mm FRAME WITH SINGLE Centor™ S4 ROLLER SCREEN



Standard jamb with S4 screen.

Screen inline with frame

Used on centre locking doors (FXXXXF) and jamb locking doors (XXF) where you can use a single direction screen as drawn.

If you have to use a double direction screen (when screen width exceeds width of single screen) the screen frame is rebated as shown on following page.

NOTE Jamb spacer between door frame and screen canister required to suit sub-sill under.

This gap reduces to 13mm when using heavy or EX heavy meeting stiles on glass door.

Spacer 80504 between screen jamb and main frame to compensate for the sub-sill.

This detail with screen canister in line with the main frame is only suitable for XF, FX, XFF and FFX door configurations the width of glass door may be limited by maximum screen width.

Custom extruded aluminium Centor screen installation bracket 93119 @ 450mm Max. cts.

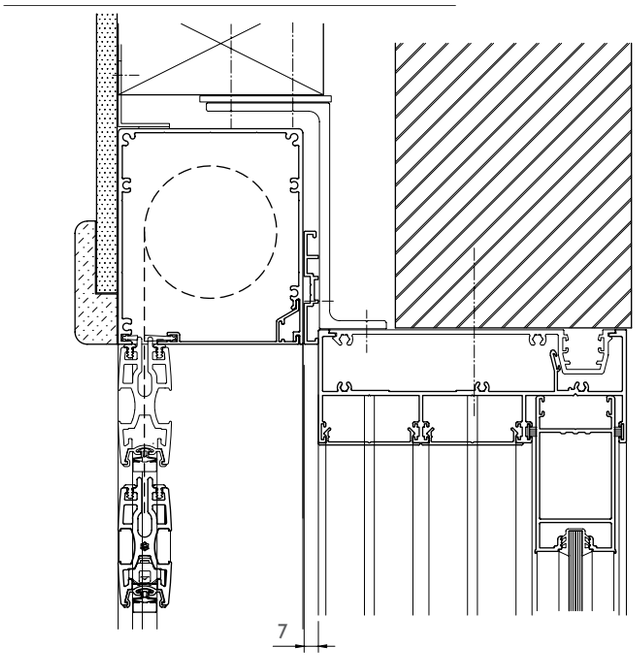
Most Important:
Builder must leave a recess in the jamb to accept the Centor screen canister - both sides.

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
REBATED 150mm FRAME WITH SINGLE Centor™ S4 ROLLER SCREEN

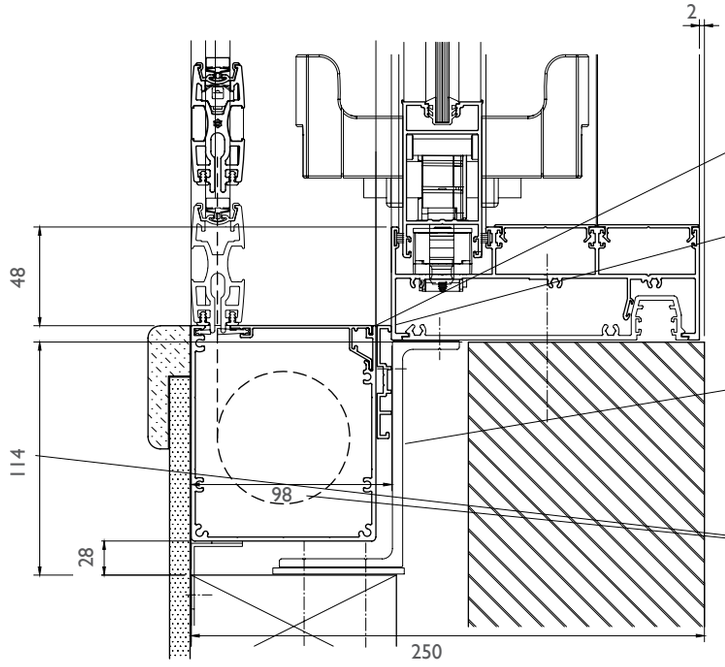


Rebated jamb with S4 screen.

Screen rebated (48mm) with frame to allow access to the glass door lock cylinder from the inside when screen is retracted (in the open position).

Used on jamb locking doors (XXF) where the screen width has exceeded single mesh screen or you are using a combination double screen.

NOTE Jamb spacer between door frame and screen canister required to suit sub-sill under.



Spacer 80504 between screen jamb and main frame to compensate for the sub-sill.

This detail with screen canister is recessed 48mm to main frame is suitable for sliding doors with jamb lock when screen width exceeds single screen.

Custom extruded aluminium Centor screen installation bracket 93120 @ 450mm Max. cts.

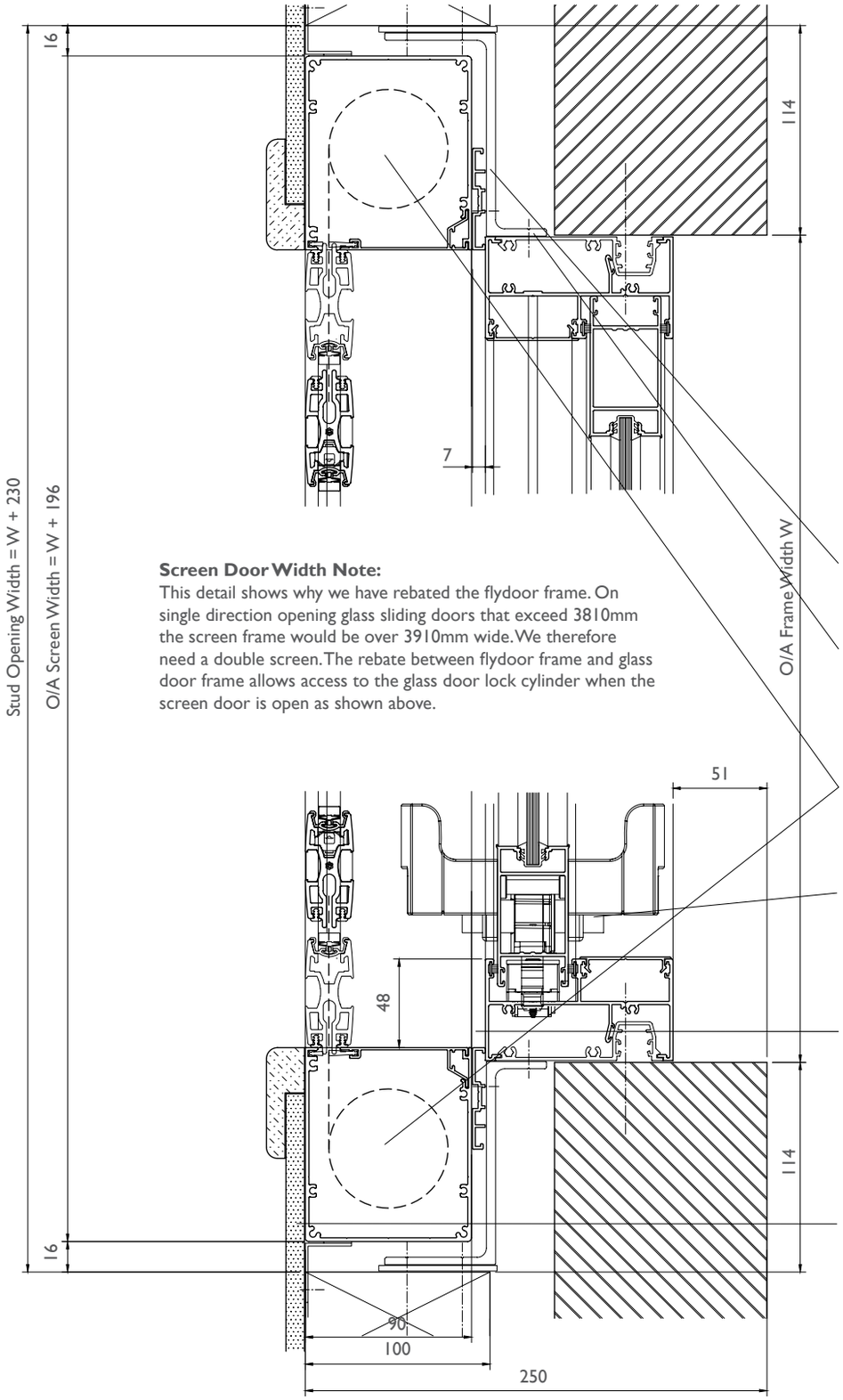
Most Important:
Builder must leave a recess in the jamb to accept the Centor screen canister - both sides.

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
150mm FRAME WITH DOUBLE Centor™ S4 ROLLER SCREEN



Screen Door Width Note:
This detail shows why we have rebated the flydoor frame. On single direction opening glass sliding doors that exceed 3810mm the screen frame would be over 3910mm wide. We therefore need a double screen. The rebate between flydoor frame and glass door frame allows access to the glass door lock cylinder when the screen door is open as shown above.

Note:
These dimensions suit double direction screens when the locking panel is on the jamb (surface or mortice) similar to what's shown below. The screen box is rebated the 48mm 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 will be considerably less - varies depending on screen material selected.

It's important that the builder leaves the appropriate cavity in wall to accept screen canister as detailed.

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 & filler @ 450mm max. cts.

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. This drawing shows the mortice lock but it also applies to the surface mounted locks

Custom spacer 80504 positions the screening system to match the sub-sill. Make sure the spacer goes on the right way around.

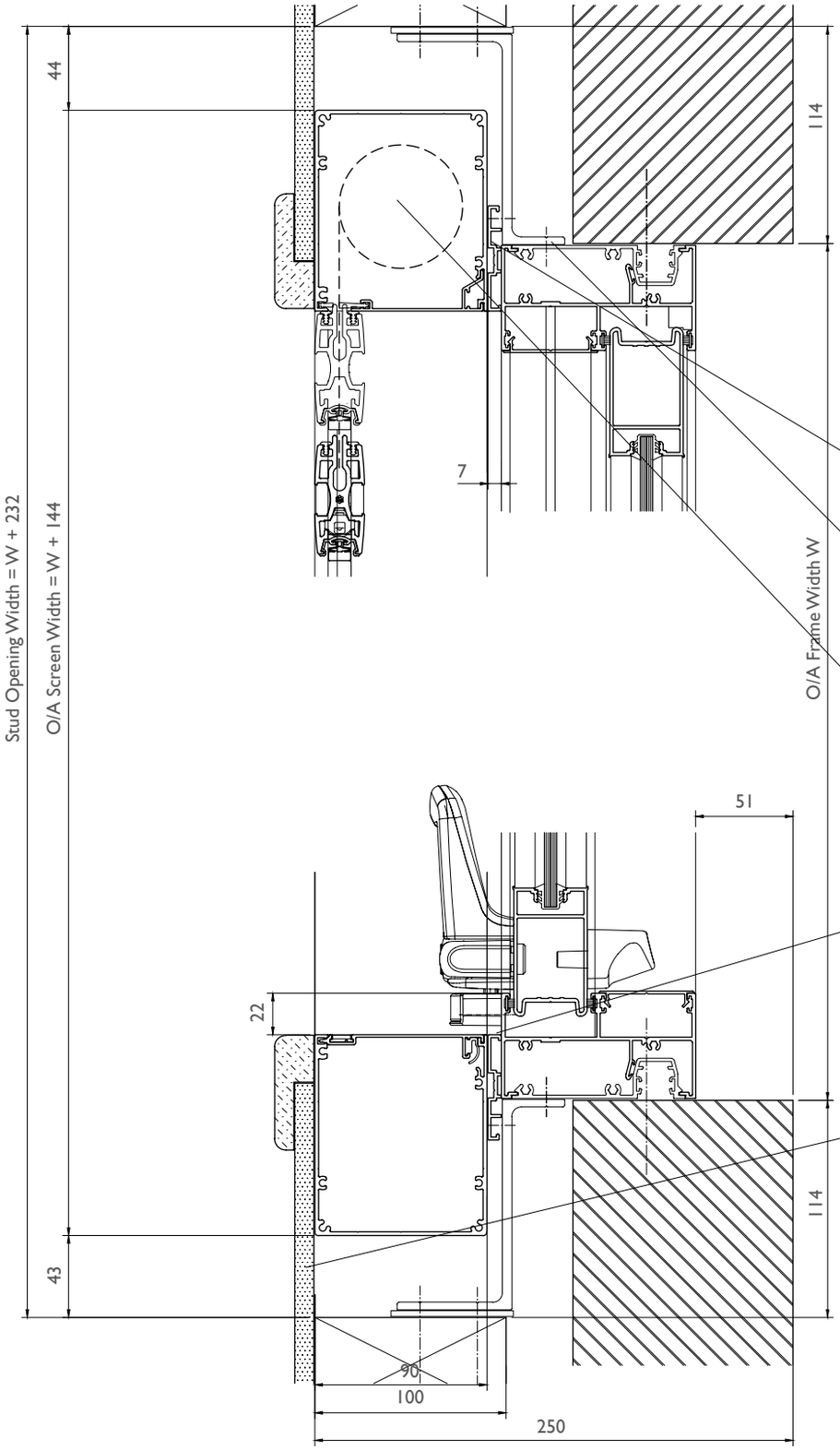
Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
FX/XF 102mm FRAME WITH SINGLE Centor™ S4 ROLLER SCREEN



Note:
These dimensions suit single direction screens on XF and FX, plus FXF, XFF and FFX, when using a surface mounted door lock. The 22mm rebate is to allow space to fit the lock keeper.

Fitting double Combo screens to XF, FX, XFF and FFX doors will require a 48mm rebate on inside to allow access to door lock.

It's important that the builder leaves the appropriate cavity in wall to accept screen canister as detailed.

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 & filler @ 450mm max. cts.

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

Custom spacer 80504 positions the screening system to match the sub-sill. Make sure the spacer goes on the right way around.

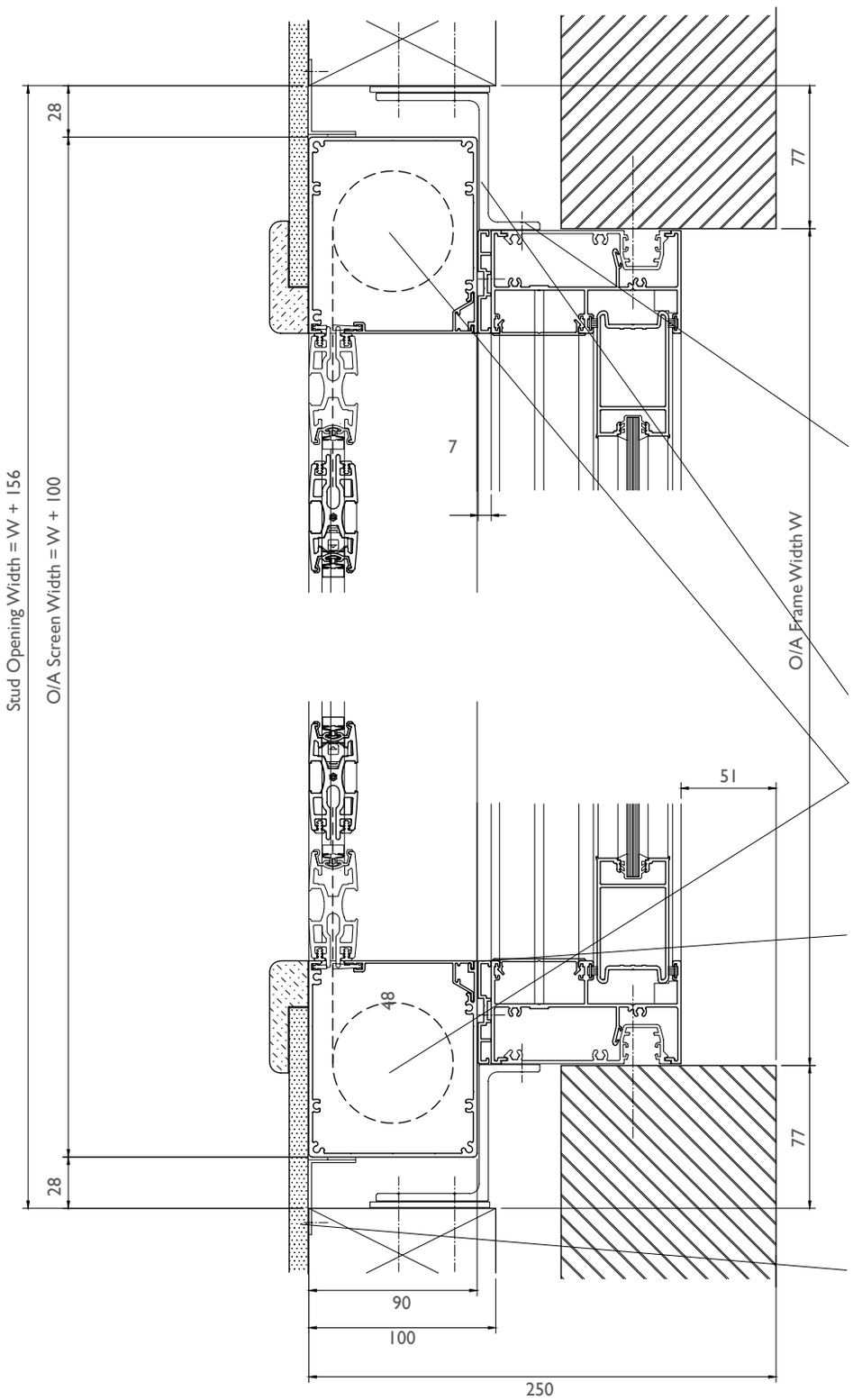
Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
FXXF 102mm FRAME WITH DOUBLE Centor™ S4 ROLLER SCREEN



Note:
These dimensions suit double direction screens on FXXF.

The maximum width double flyscreen is 9013 therefore the maximum glass frame width is 8913 with Standard weave mesh.

Also note that if you select a combination screen the maximum screen width will be considerably less - varies depending on screen material selected.

It's important that the builder leaves the appropriate cavity in wall to accept screen canister as detailed.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93119 & filler @ 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.

Custom spacer 80504 positions the screening system to match the sub-sill. Make sure the spacer goes on the right way around.

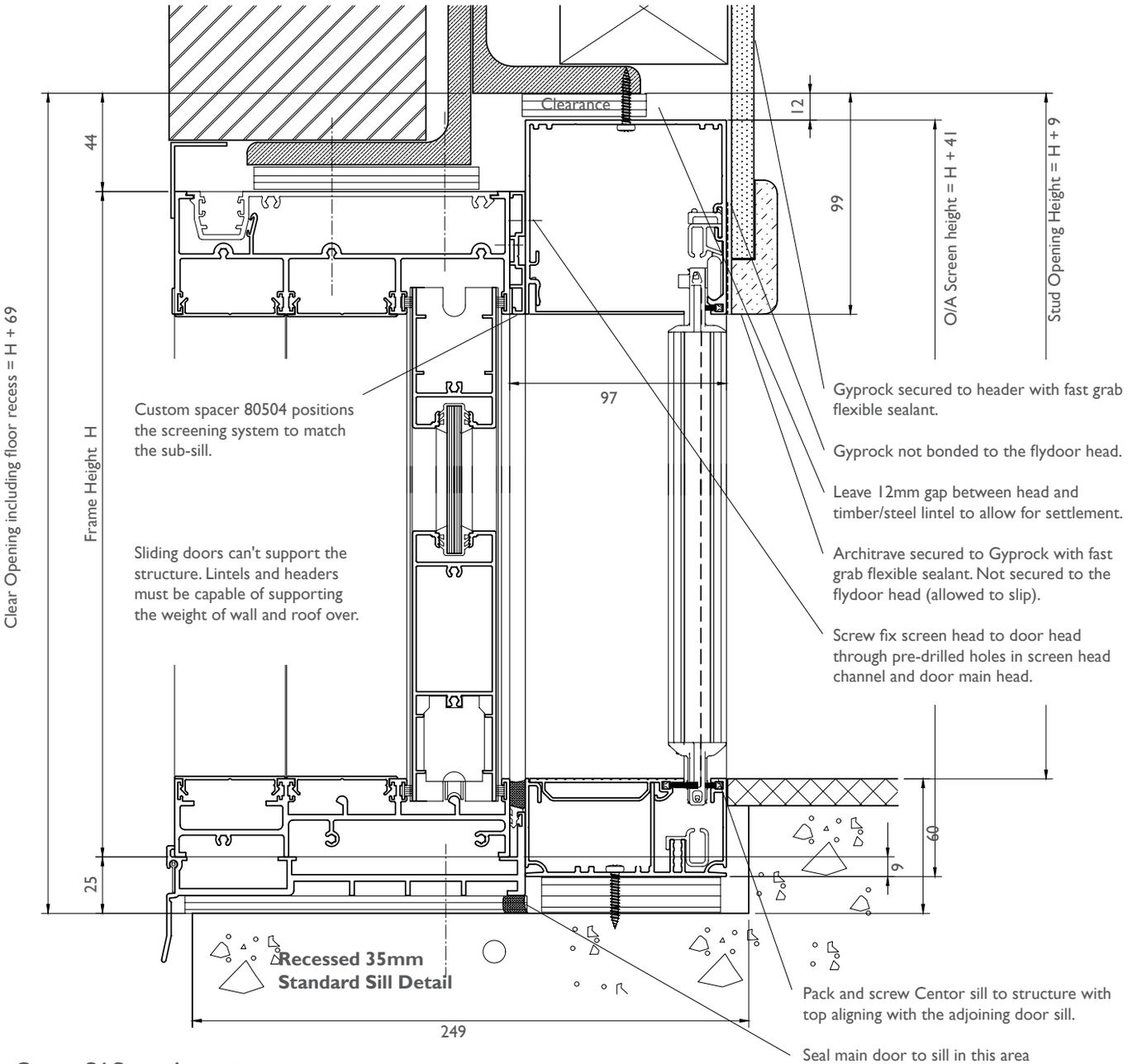
Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL VERTICAL CROSS SECTION - 150mm FRAME WITH Centor™ S4 ROLLER SCREEN



Centor S4 Screening system.

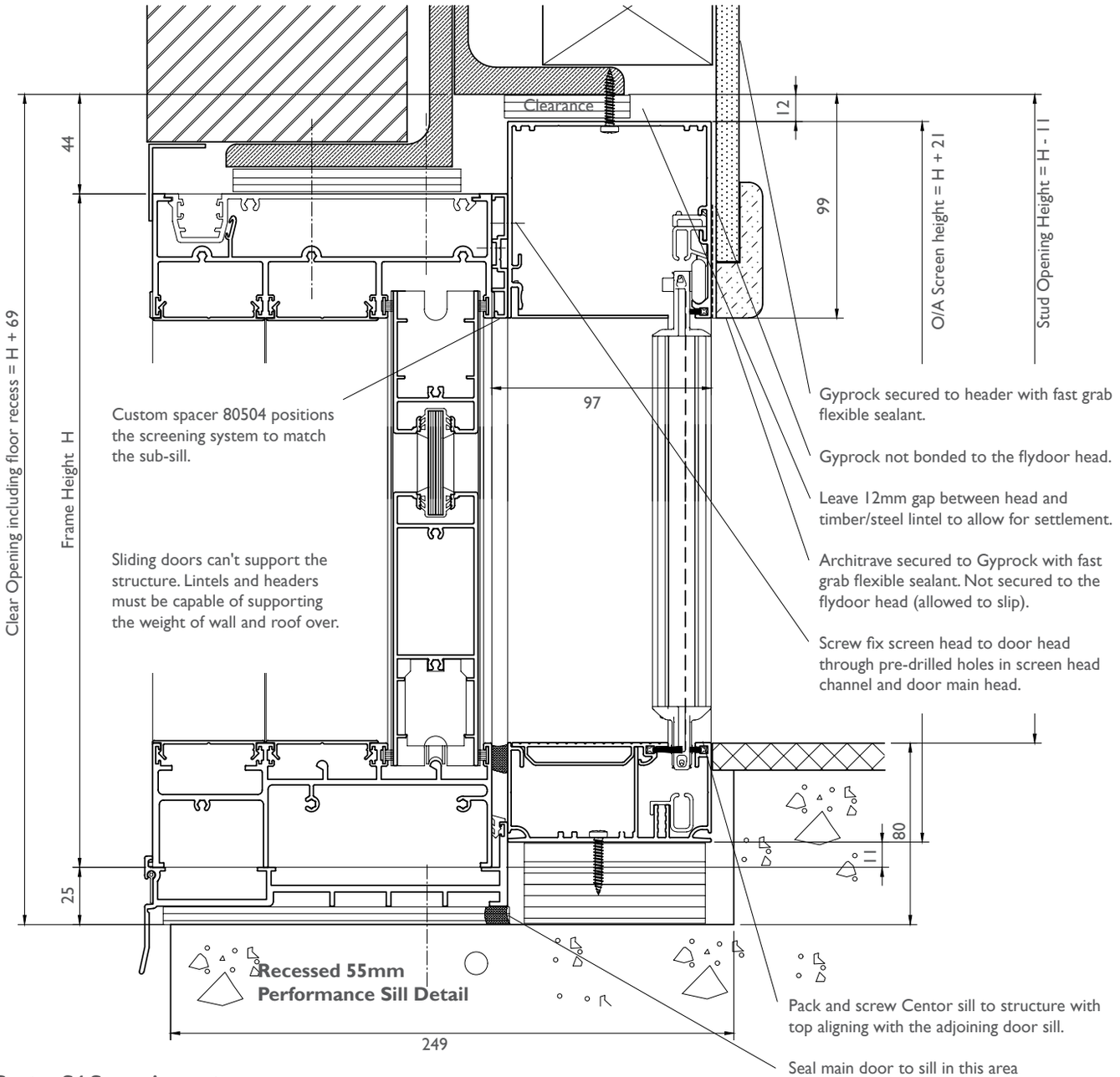
MAXIMUM STANDARD WEAVE SCREEN FRAME HEIGHT	
Standard Weave mesh	3200mm
Tight Weave mesh	3200mm
Air Weave mesh	3200mm
Boston Blockout	3002mm
Boston Light-filtering	3002mm
Tuscany Blockout	3002mm
Tuscany Light-filtering	3002mm
Sunfilter	3200mm

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL VERTICAL CROSS SECTION - 150mm FRAME WITH Centor™ S4 ROLLER SCREEN



Centor S4 Screening system.
MAXIMUM STANDARD WEAVE SCREEN FRAME HEIGHT

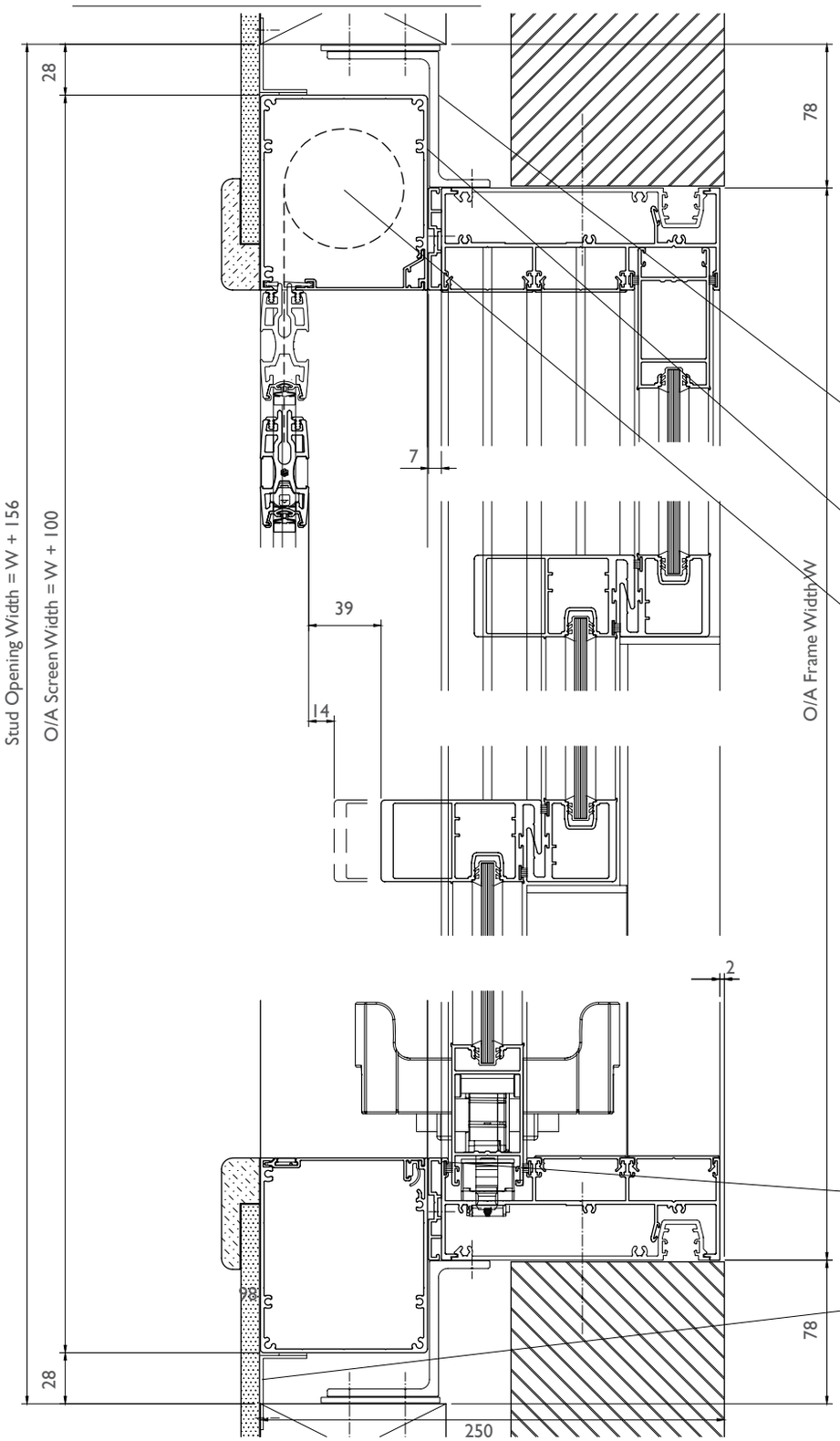
Standard Weave mesh	3200mm
Tight Weave mesh	3200mm
Air Weave mesh	3200mm
Boston Blockout	3002mm
Boston Light-filtering	3002mm
Tuscany Blockout	3002mm
Tuscany Light-filtering	3002mm
Sunfilter	3200mm

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
FXX/XXF 150mm FRAME WITH SINGLE Centor™ S4 ROLLER SCREEN



NOTE
These dimensions suit single direction screens on XXF and FXX, when using a mortice door lock.

Fitting double Combo screens to XXF and FXX doors will require a 48mm rebate on inside to allow access to door lock.

It's important that the builder leaves the appropriate cavity in wall to accept screen canister as detailed.

Custom extruded aluminium Centor screen installation bracket 93119 @ 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.

Spacer 80504 between screen jamb and main frame to compensate for the sub-sill.

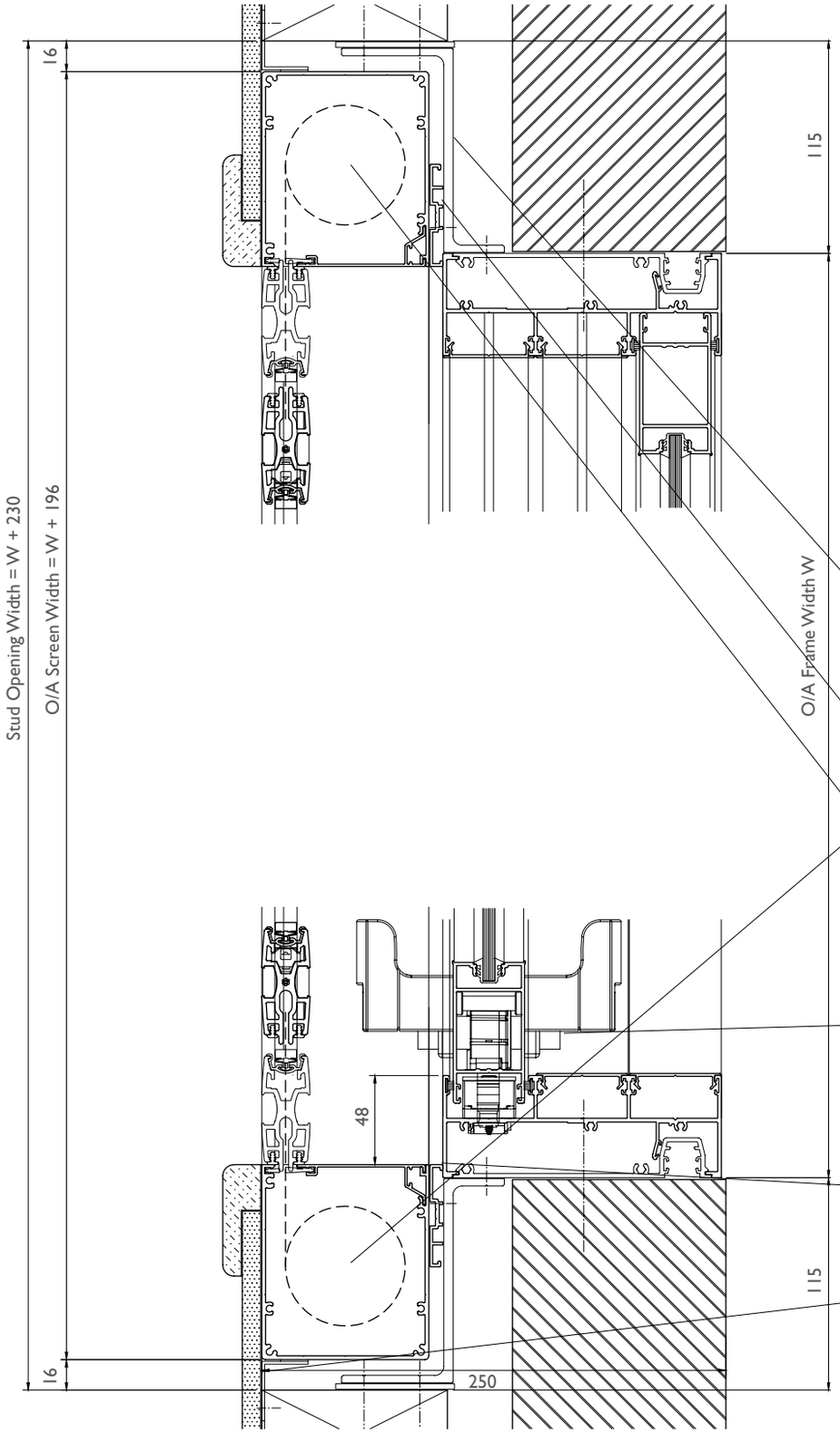
Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
150mm FRAME WITH DOUBLE Centor™ S4 ROLLER SCREEN



NOTE
These dimensions suit double direction screens when the locking panel is on the jamb (surface or mortice) similar to what's shown below. The screen box is rebated the 48mm 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 will be considerably less - varies depending on screen material selected.

It's important that the builder leaves the appropriate cavity in wall to accept screen canister as detailed.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93120 & filler @ 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. This drawing shows the mortice lock but it also applies to the surface mounted locks

Spacer 80504 between screen jamb and main frame to compensate for the sub-sill.

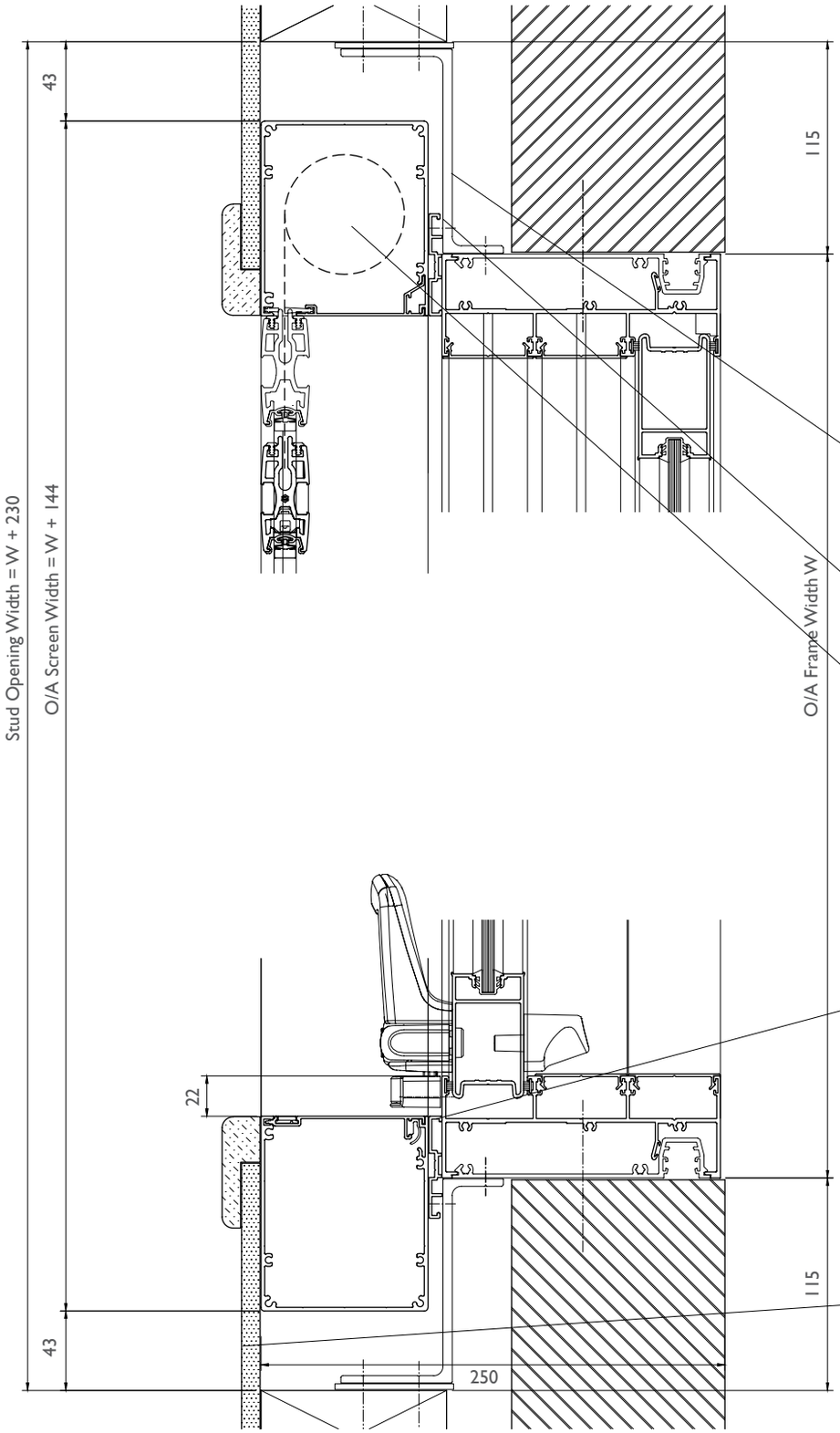
Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
XXF/FXX 150mm FRAME WITH SINGLE Centor™ S4 ROLLER SCREEN



NOTE
These dimensions suit single direction screens on XXF and FXX, when using a surface mounted door lock. The 22mm rebate is to allow space to fit the lock keeper.

Fitting double Combo screens to XF, FX, XFF and FFX doors will require a 48mm rebate on inside to allow access to door lock.

It's important that the builder leaves the appropriate cavity in wall to accept screen canister as detailed.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93120 & filler @ 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.

Custom spacer 80504 positions the screening system to match the sub-sill. Make sure the spacer goes on the right way around.

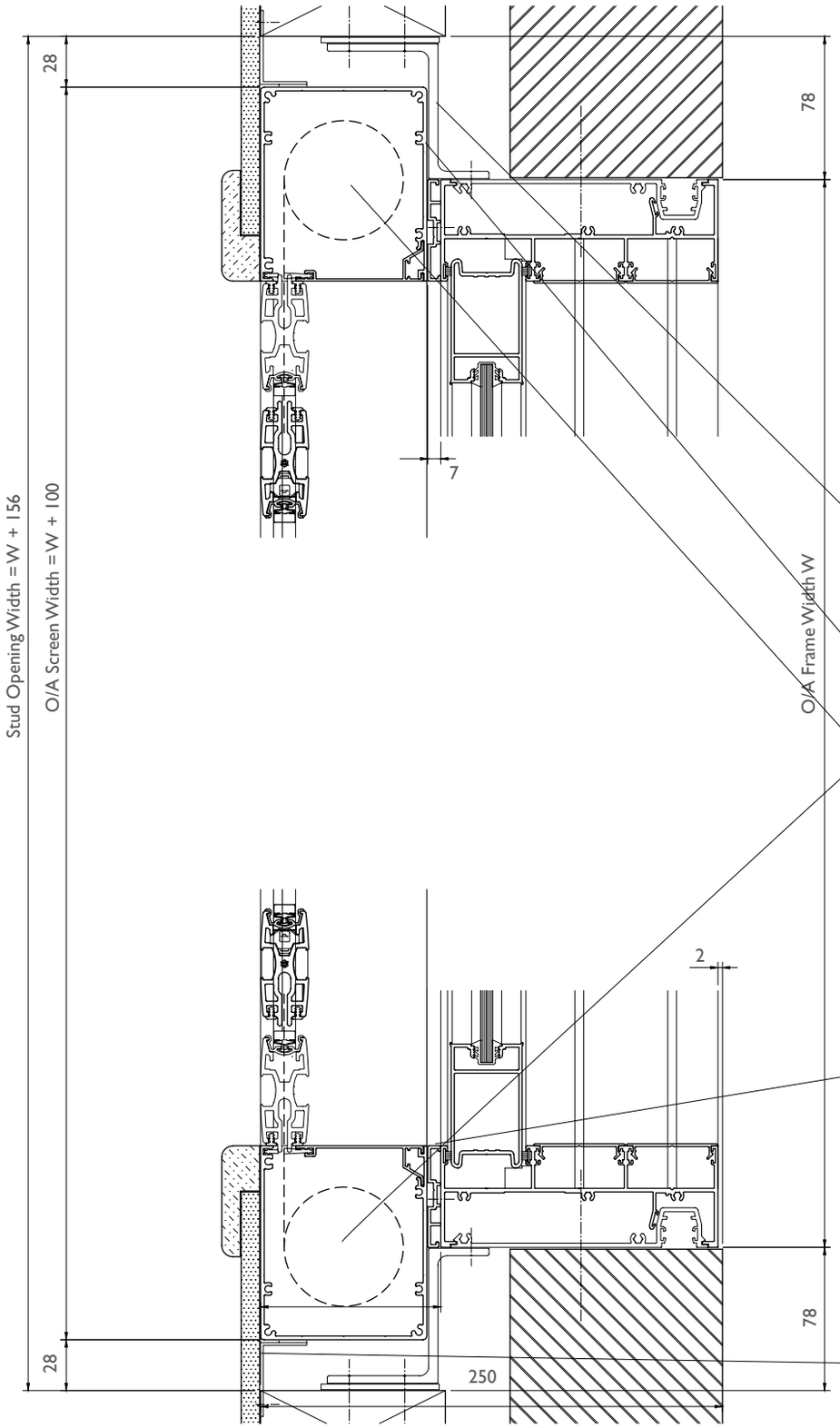
Timber moulding and Gyprock secured to flydoor jamb with fast grab flexible sealant.

Series 704

SlideMASTER™ SLIDING DOOR

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

TYPICAL HORIZONTAL CROSS SECTION
FXXXXF 150mm FRAME WITH DOUBLE Centor™ S4 ROLLER SCREEN



NOTE
These dimensions suit double direction screens on FXXXXF.

The maximum width double flyscreen is 9013 therefore the maximum glass frame width is 8913 with standard weave mesh.

Also note that if you select a combination screen the maximum screen width will be considerably less - varies depending on screen material selected.

It's important that the builder leaves the appropriate cavity in wall to accept screen canister as detailed.

Main frame and Centor screen box jamb secured to wall and with extruded aluminium lugs 93119 & filler @ 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.

Custom spacer 80504 positions the screening system to match the sub-sill. Make sure the spacer goes on the right way around.

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