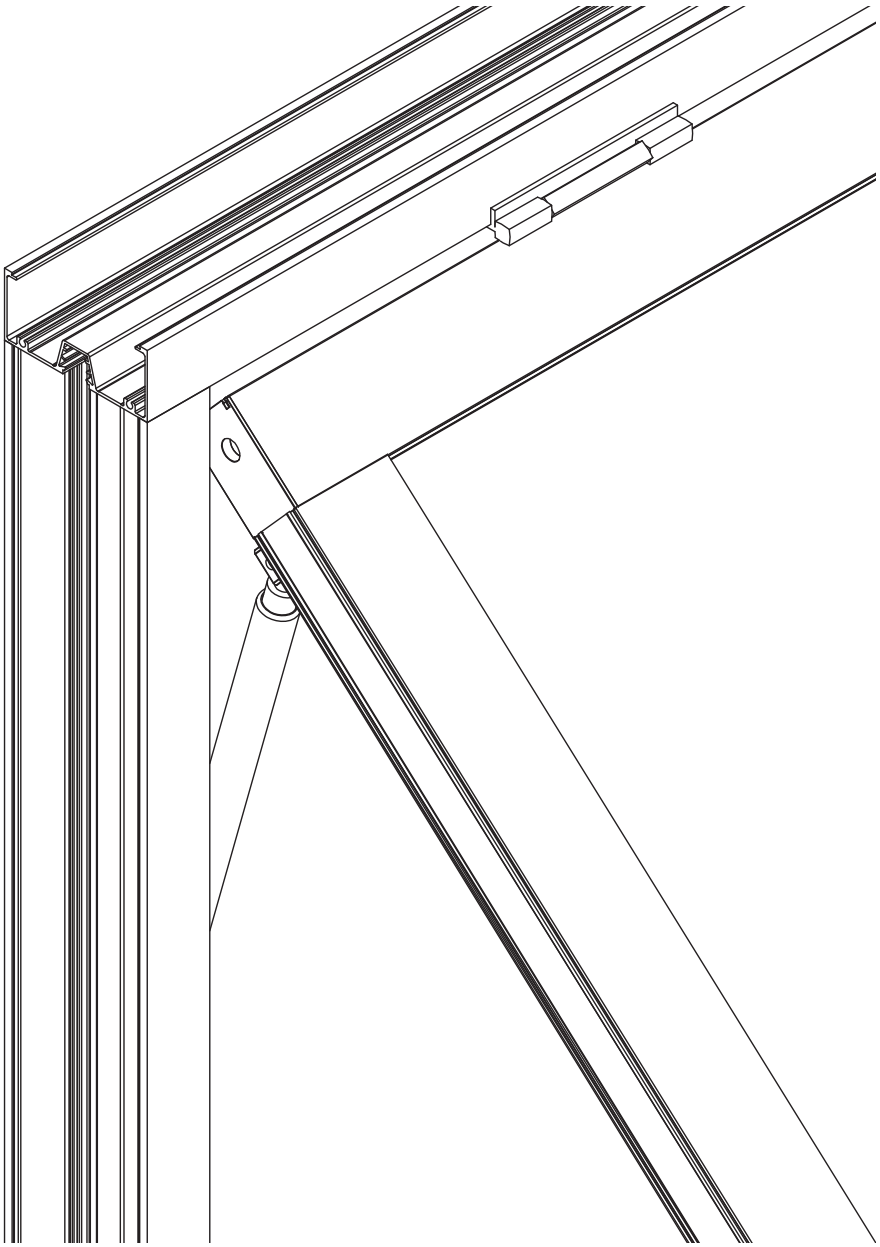
CityView™
Commercial Systems

Servery Strut Window System

TECHNICAL MANUAL

Acoustic - Rw 38
Esimate 12.5mm Lam

Fire Rating
DTS



53mm
76mm
100mm
150mm
165mm
200mm
250mm

Max
6-10mm

MAY 2026 | VERSION 1.0

DARLEY ALUMINIUM

Disclaimer

Darley Aluminium strives to ensure the technical details contained in this manual are complete and correct. Occasionally, some errors or outdated information may require rectification - Darley Aluminium takes no responsibility for any loss or damage as a result of these errors. If you are unsure of any information provided within this manual, please contact your nearest Darley Aluminium office.

Engineering, manufacture and installation of frames must meet requirements of AS2047 (Windows in Buildings).
Glazing selected must meet requirements of AS 1288 (Glass in Buildings).
Size limitations are governed by design intent, glass selection, and local wind load requirements as per AS/NZS 1170.2 (Wind Actions) or AS 4055 (Wind Loads for Housing). An Engineer should be consulted to ensure selected framing and installation meets the requirements as set out by the relevant Australian Standards.

Any reference to an Australian Standard within this manual is based on the interpretations of Darley Aluminium. Code Compliance responsibility remains with the user of this manual. Misuse or misinterpretation of the information in this manual or of the Australian Standards remains the responsibility of the user of this manual.

Engineering, manufacture and installation must meet requirements of AS 2047, AS3959, WERS and Acoustic requirements. Glazing selected must meet requirements of AS 1288. Size limitations are governed by design intent, glass selection, and local wind load requirements as per AS/NZS 1170.2 or AS 4055.
N.B.- For frames, designs, and configurations outside the tested scope, an engineer or suitably qualified person should be consulted.

Copyright

Contents

Welcome

Overview

Darley's Servery Strut Window System is the ideal choice for modern architectural requirements, meeting current design trends as well as performance specifications.
The system is ideally suited to shopping centres, offices, show rooms and commercial buildings.
It is also widely used in high end residential developments and apartments.
All Darley framing systems are available in powder coated and anodised finishes.
(Refer to Darley Aluminium Product Catalogue for further information.)

Design Features

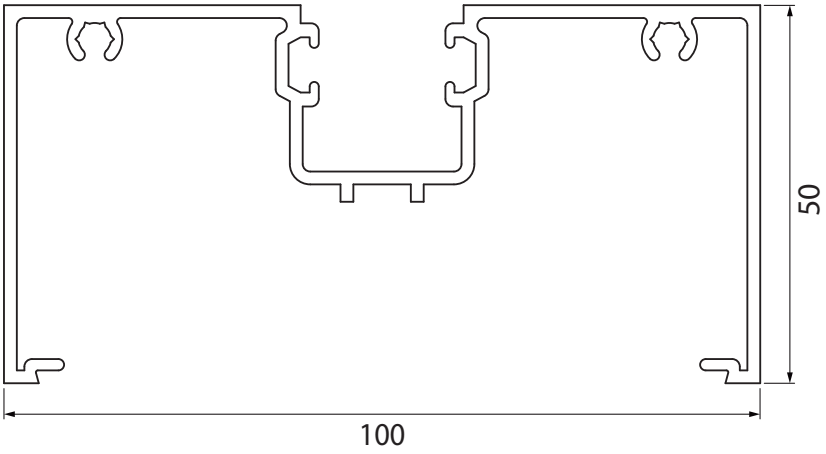
- Accepts glass thickness from 6mm to 10mm.
- Compatible with other Darley Aluminium Commercial and Residential Systems

System Requirements

- Glazing selected must meet requirements of AS1288:2021 (Glass in Buildings - Selection and Installation)

Section Profiles

Scale 1:1

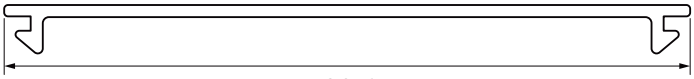


CSG301

Standard Main Frame

I_{xx} = 117.289045 x 10^3 mm^4
I_{yy} = 658.839009 x 10^3 mm^4

A.P. = 594 mm
P.P. = 188 mm

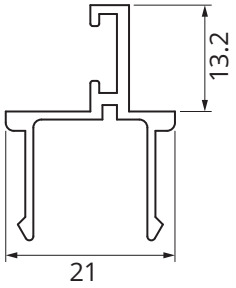


TJ305

Flush Adaptor

I_{xx} = 0.25 x 10^3 mm^4
I_{yy} = 133.8 x 10^3 mm^4

A.P. = 206.1 mm
P.P. = 94 mm



CSG306

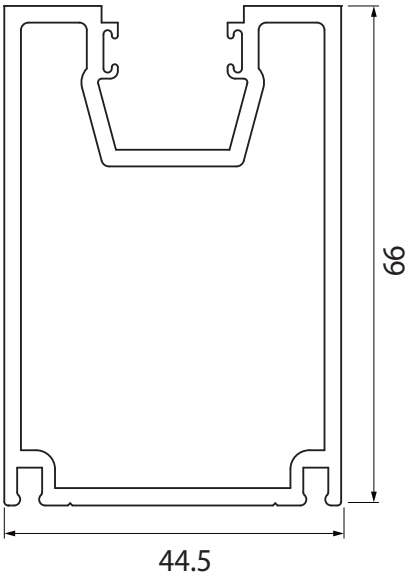
45mm Door Stop

I_{xx} = 7.09 x 10^3 mm^4
I_{yy} = 2.76 x 10^3 mm^4

A.P. = 154 mm
P.P. = 100 mm

Panel Profiles

Scale 1:1



HV271

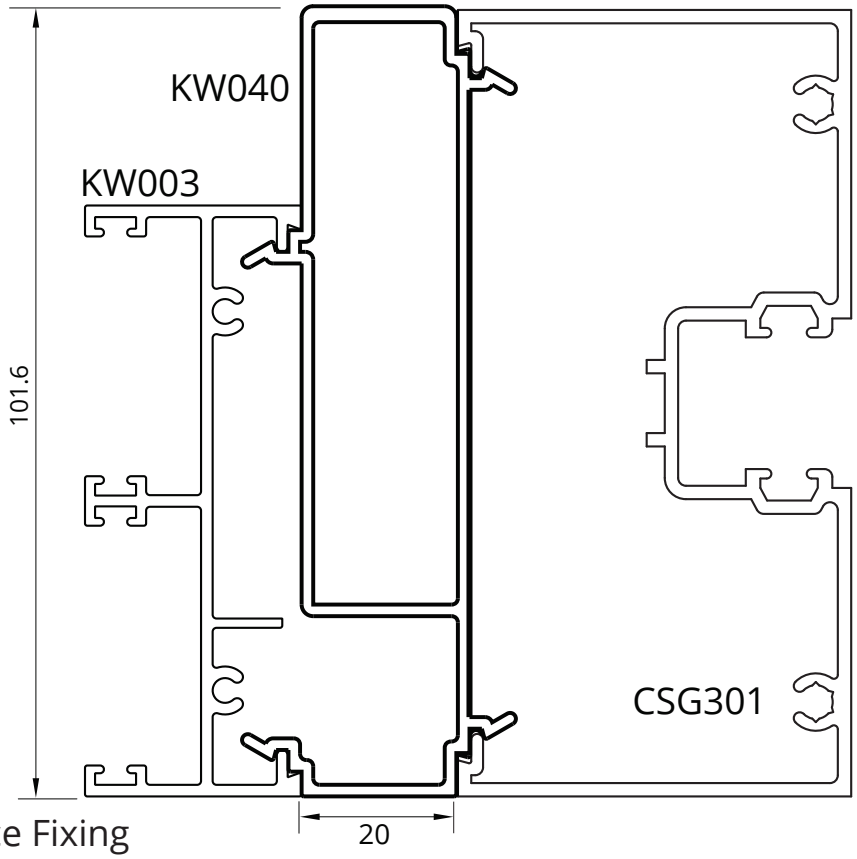
SG Stile & Rail

I_{xx} = 305.503 x 10^3 mm^4
I_{yy} = 165.207 x 10^3 mm^4

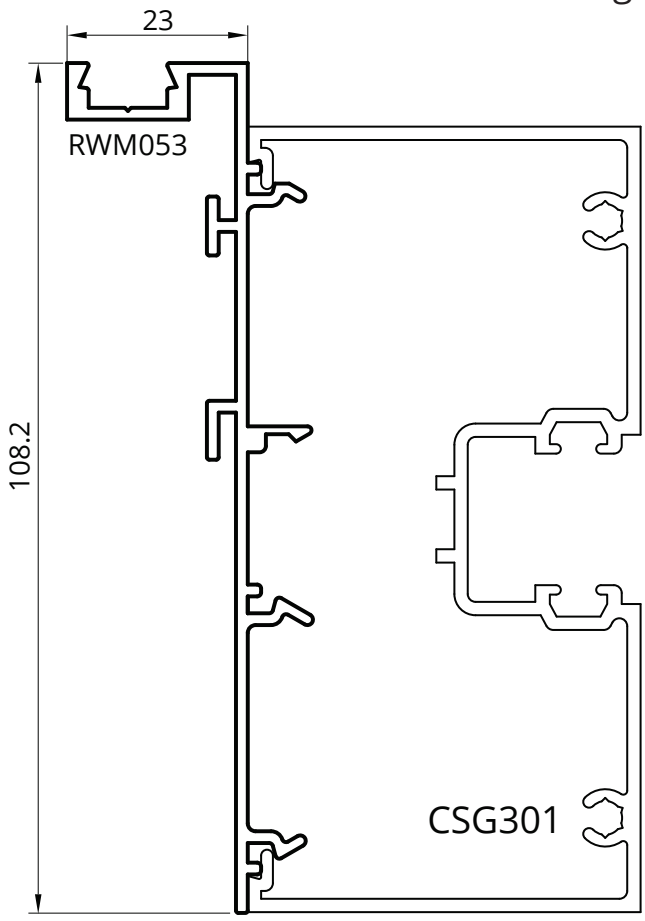
A.P. = 298 mm
P.P. = 227 mm

CityView 100mm Adaptors

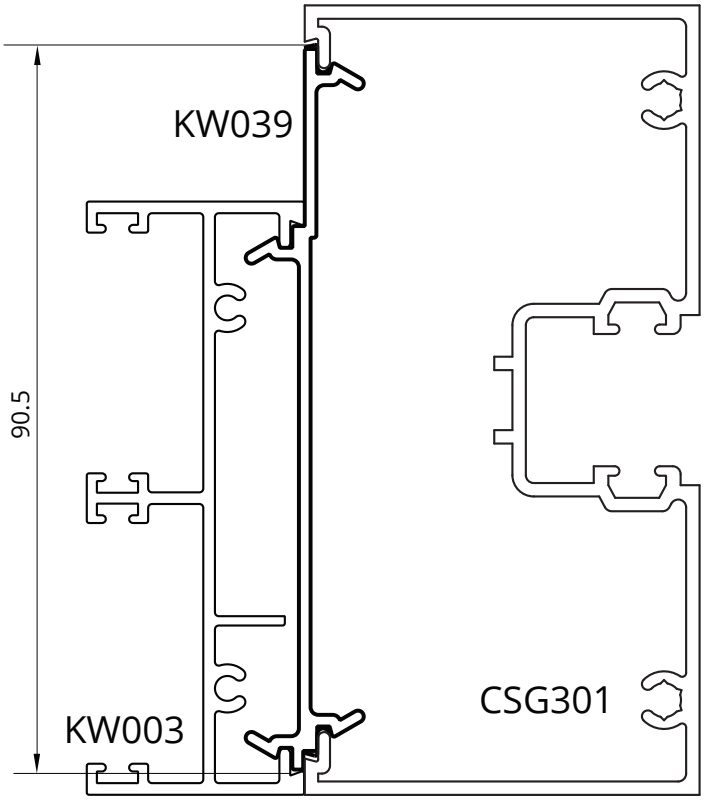
KW040 76mm to 100mm Box Joiner



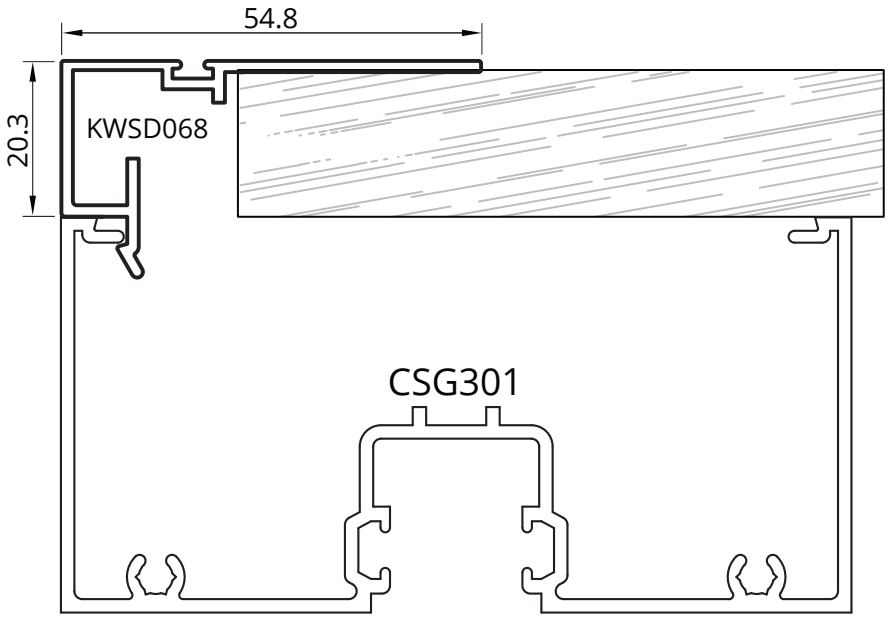
RWM053 Concealed Face Fixing



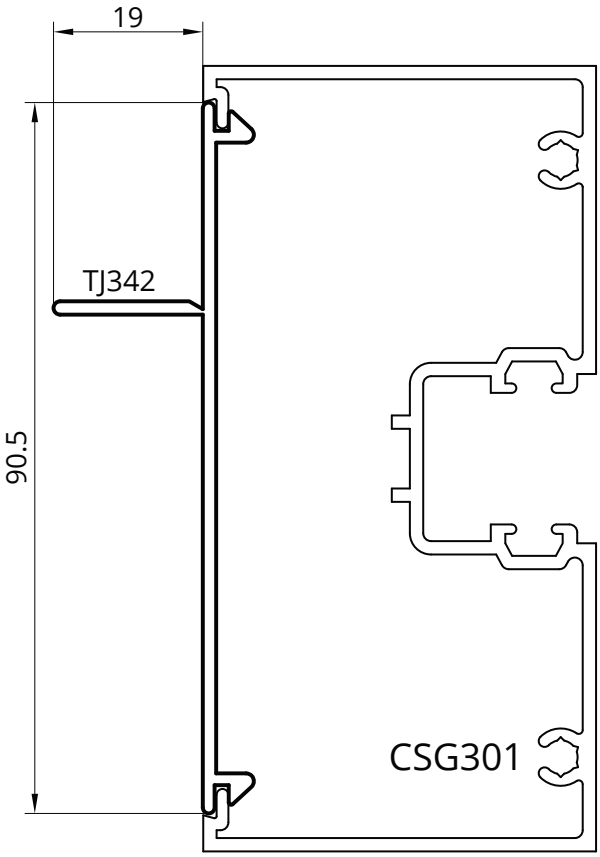
KW039 76mm to 100mm Flat Joiner



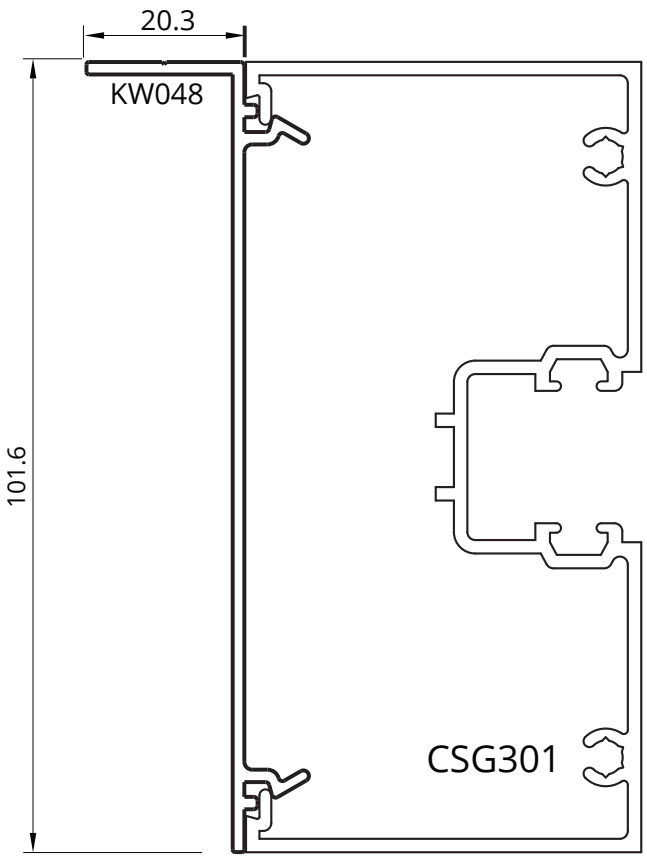
KWSD068 Inline Reveal Option



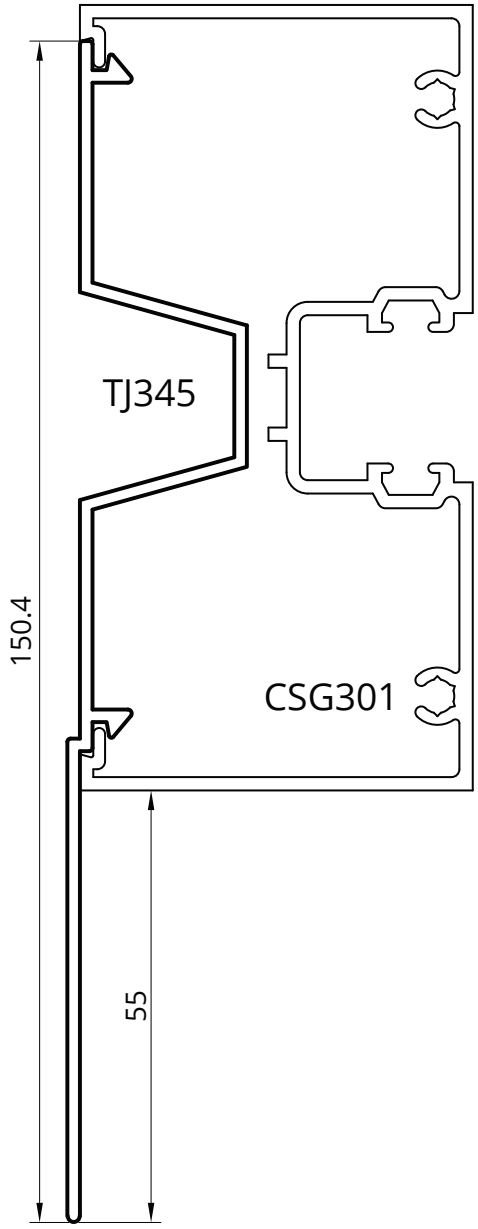
TJ342 100mm Reveal Adpator



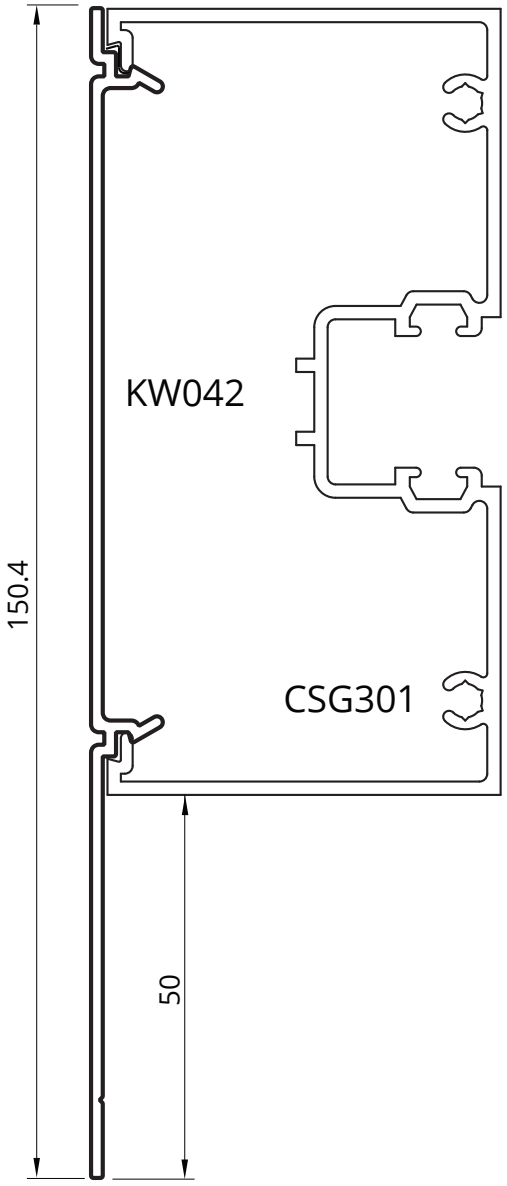
RWM048 Face Fix Adaptor



TJ345 100mm Fixing Plate



KW042 100mm Fixing Plate



Small Parts

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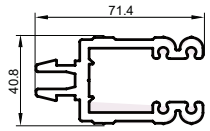
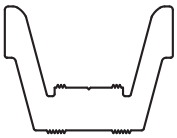
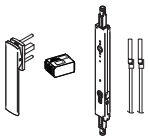
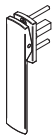
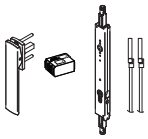
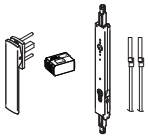
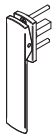
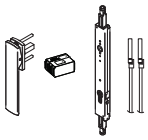
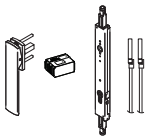
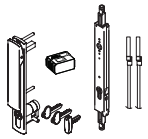
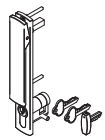
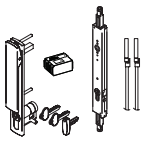
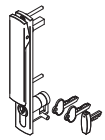
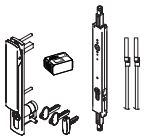
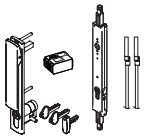
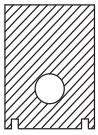
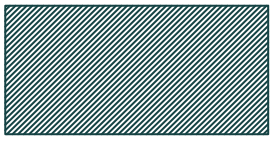
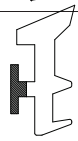
	1858	Spigot for Servery Window NEW		Set of 4 includes Bolts
	1068	Floor Ferule - Stainless Steel Suits: 1066/1067 Flushbolt	Each	1
	1829	Spigot Saddle Fits with: 1825 - Optional	Each	1
	15131	Twin Point Multi-Fold Lock -No Cylinder - Black	Set	10
	15132	Twin Point Multi-Fold Lock - No Cylinder - Satin Chrome	Set	10
	15133	Twin Point Multi-Fold Lock with Cylinder - Black	Set	10
	15134	Twin Point Multi-Fold Lock with Cylinder - Satin Chrome	Set	10
	15137	Extension Rod (2700mm High Doors) Suits: 15131/15132	Set	10
	15138	Rod Jointer Fits with 15137	Set	10
	15141	Brio 286 Dual Point Lock Body	Each	1
	15401	Flush Pull-SS	Each	1

SERVERY STRUT WINDOW SYSTEM

CityView™ Commercial Systems

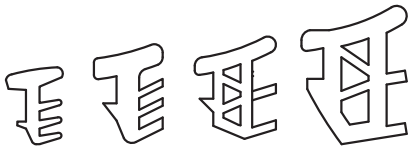
	Code	Description	U.O.M	BOX QTY.
	1066-**	Flushbolt Standard - 300mm **Specify finish: Black: 1066-BL, Satin Chrome: 1066-SC.	Each	10
	1066-ROD600	Flushbolt Extension Rod Only 600mm Suits: 1066	Each	1
	1066-ROD900	Flushbolt Extension Rod Only 900mm Suits: 1066	Each	1
	15142-SN-SK35	Brio 286 Dual Point Kit 3.5m, Non-Locking - Satin Nickel	Each	1
	15142-SSS	Brio 286 Dual Point Non-Locking Handle - Satin Stainless Steel	Each	1
	15142-SSS-SK	Brio 286 Dual Point Kit 2.5m, Non-Locking - Satin Stainless Steel	Each	1
	15142-SSS-SK35	Brio 286 Dual Point Kit 3.5m, Non-Locking - Satin Stainless Steel	Each	1
	15142-Z-BL	Brio 286 Dual Point Non-Locking Handle - Zinc - Black Powdercoated	Each	1
	15142-ZBL-SK	Brio 286 Dual Point Kit 2.5m, Non-Locking, Zinc - Black Powdercoated	Each	1
	15142-ZSN-SK	Brio 286 Dual Point Kit 2.5m, Non-Locking, Zinc - Satin Nickel	Each	1
	15143-SN-SK	Brio 286 Dual Point Kit 2.5m, Locking - Satin Nickel	Each	1

	Code	Description	U.O.M	BOX QTY.
	15143-SSS	Brio 286 Dual Point Locking Handle - Satin Stainless Steel	Each	1
	15143-SSS-SK	Brio 286 Dual Point Kit 2.5m, Locking - Satin Stainless Steel	Each	1
	15143-Z-BL	Brio 286 Dual Point Locking Handle - Zinc - Black Powdercoated	Each	1
	15143-ZBL-SK	Brio 286 Dual Point Kit 2.5m, Locking, Zinc - Black Powder	Each	1
	15143-ZSN-SK	Brio 286 Dual Point Kit 2.5m, Locking, Zinc - Satin Nickel	Each	1
	1865	Flush Bolt / Gas Strut End Cap HV271	Set	
	1472	Water-rated Frame Gasket - 1050 Pieces Roll Suits: 101.6mm Centre Glazed Single	Roll	1
	1615	Glazing Wedge PVC - 200m Roll	Roll	N/A
	1620	Glazing Wedge PVC - 200m Roll	Roll	N/A
	1630	Glazing Wedge PVC - 200m Roll	Roll	N/A
	1933	Glazing Wedge - 125m Roll	Roll	N/A
	1684	Glazing Wedge Co-Extruded - 150m Roll	Roll	N/A

Glass & Rubber Combinations

Glazing

CityView Single Glazed			
Glass Thickness	Sash Profile	Wedge Required	Pocket Size 14.5mm
6.38mm	HV271	1620 – 1620 1615 – 1684	
8.38mm		1620 – 1630 1630 – 1684	
10.38mm		1630 – 1630	



1630, 1620, 1615, 1933
Ref to Charts on Wedge/Glass Combinations

1684 Co-Extruded
Ref to Charts on Wedge/Glass Combinations

Energy Rating Definitions

All Darley products have been rated under the Australian Fenestration Ratings Council (AFRC) Energy Rating Scheme.

Definitions

The following are terms used in describing the energy ratings of windows as defined by the Window Energy Rating Scheme (WERS). For further information go to www.wers.net.

U-Value (U_w)

U-Value measures how well a product prevents heat from escaping. It is a measure of the rate of non solar heat loss or gain through a material or assembly. U-Value ratings generally fall between 2.0 - 10.0 W/m^2 for Australian products. The rate of heat is indicated in the terms of the U-Value of a window assembly which includes the effect of the grame, glass, seals and any spacers. The lower the U-value, the greater a window's resistance to heat flow and the better its insulating value. The U-Value for a window takes account for the various U-values for the components making up the window, so you may see these in technical literature:

UW is the value for the whole window and because of it's importance is usually abbreviated to U.
U_c is the value at the centre of glass.
U_f is the value for the frame.

Solar Heat Gain Coefficient ($SHGC_w$)

SHGC measures how well a product blocks heat caused by sunlight. The SHGC is a fraction of incident solar radiation admitted through a window, both directly transmitted, and absorbed and subsequently released inward. SHGC is expressed as a number between 0 and 1. The lower a window's SHGC, the less solar heat it transmits.

Visible Transmittance (T_{vw})

Visible transmittance measures how much light comes in through a product. It is an optical property that indicates the amount of visible light transmitted. T_{vw} is expressed as a number between 0 and 1. The higher the number, the more light is transmitted.

General Configuration

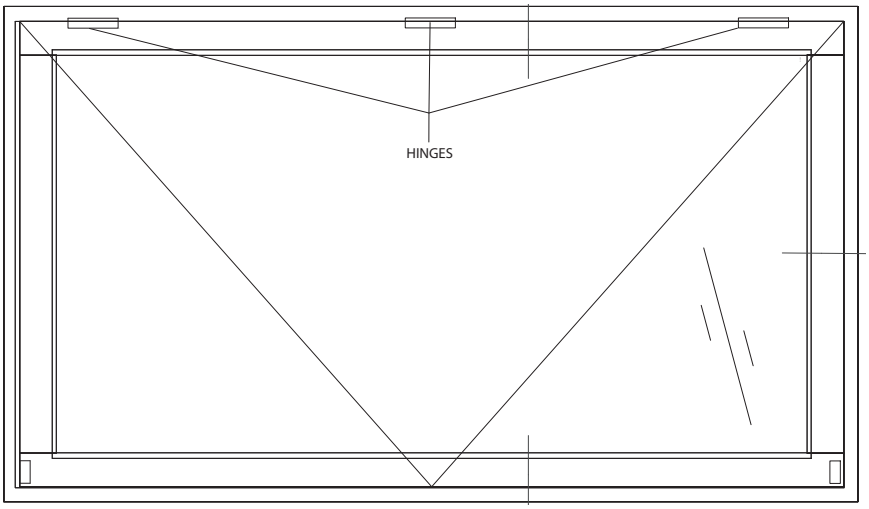
All raw joints need to be sealed with small joint sealer or foam tab option.

Configuration

Sash Weight Limitations

OUTWARD OPENING ONLY

Maximum panel size = 1300mm (Height) x 2100mm (Width)
Minimum panel size = 900mm (Width)



Weight (Max 50KG)	Number of Hinges
Up to 10KG	2x Hinges
Up to 30KG	3x Hinges
Up to 50KG	4x Hinges

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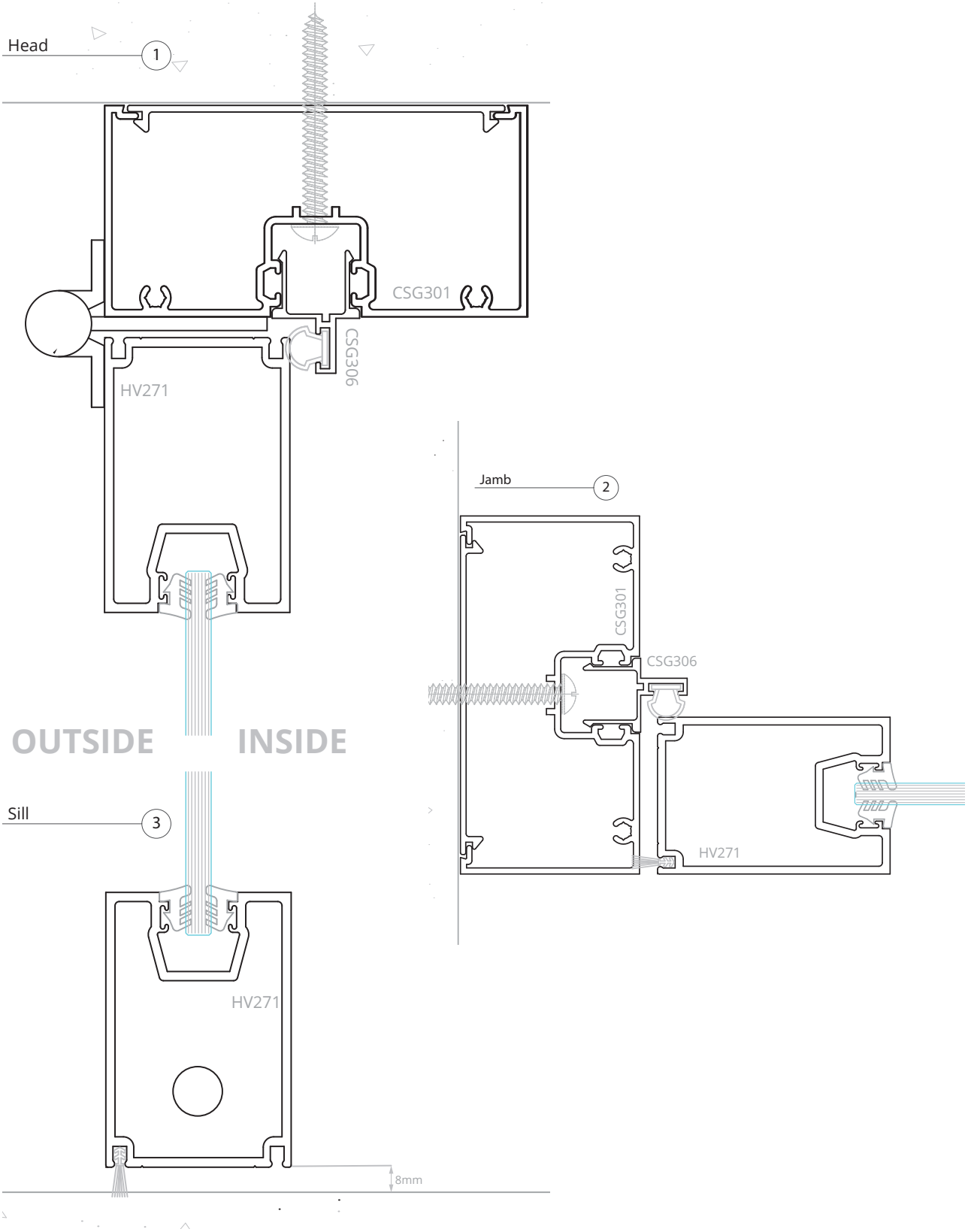
General Configuration

All raw joints need to be sealed with small joint sealer or foam tab option.

Cross Section



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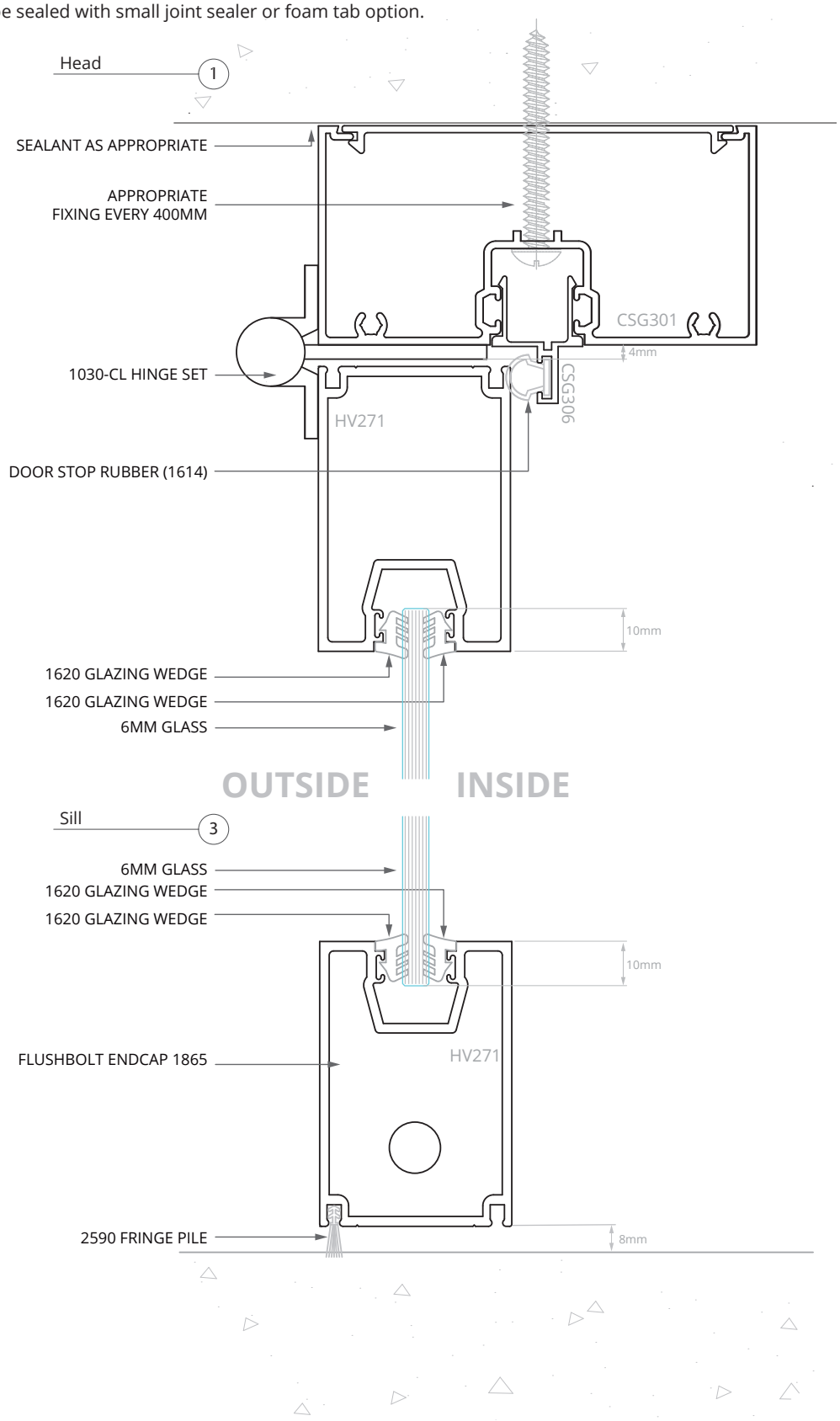
Head & Sill Option

All raw joints need to be sealed with small joint sealer or foam tab option.



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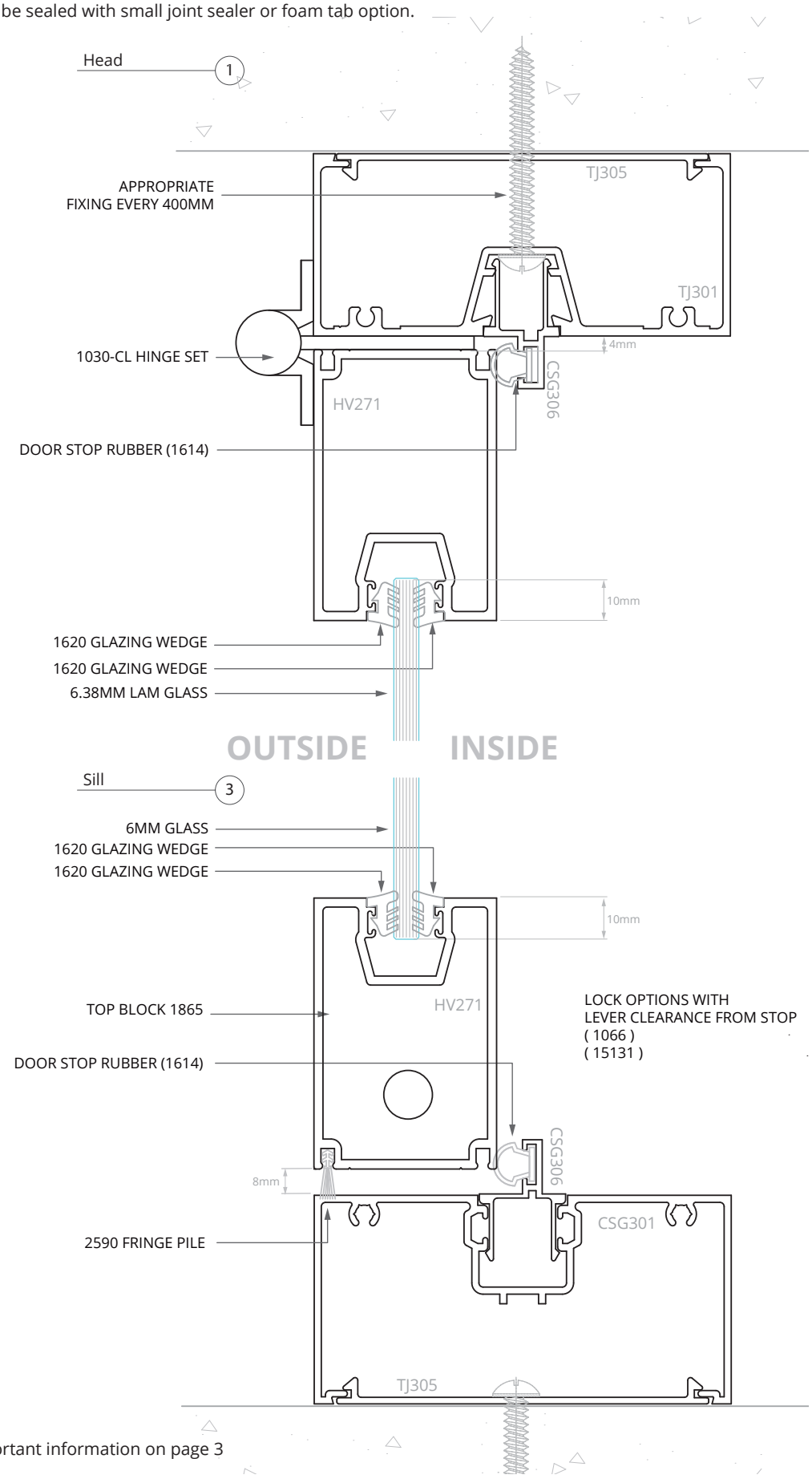
Head & Sill Option

All raw joints need to be sealed with small joint sealer or foam tab option.



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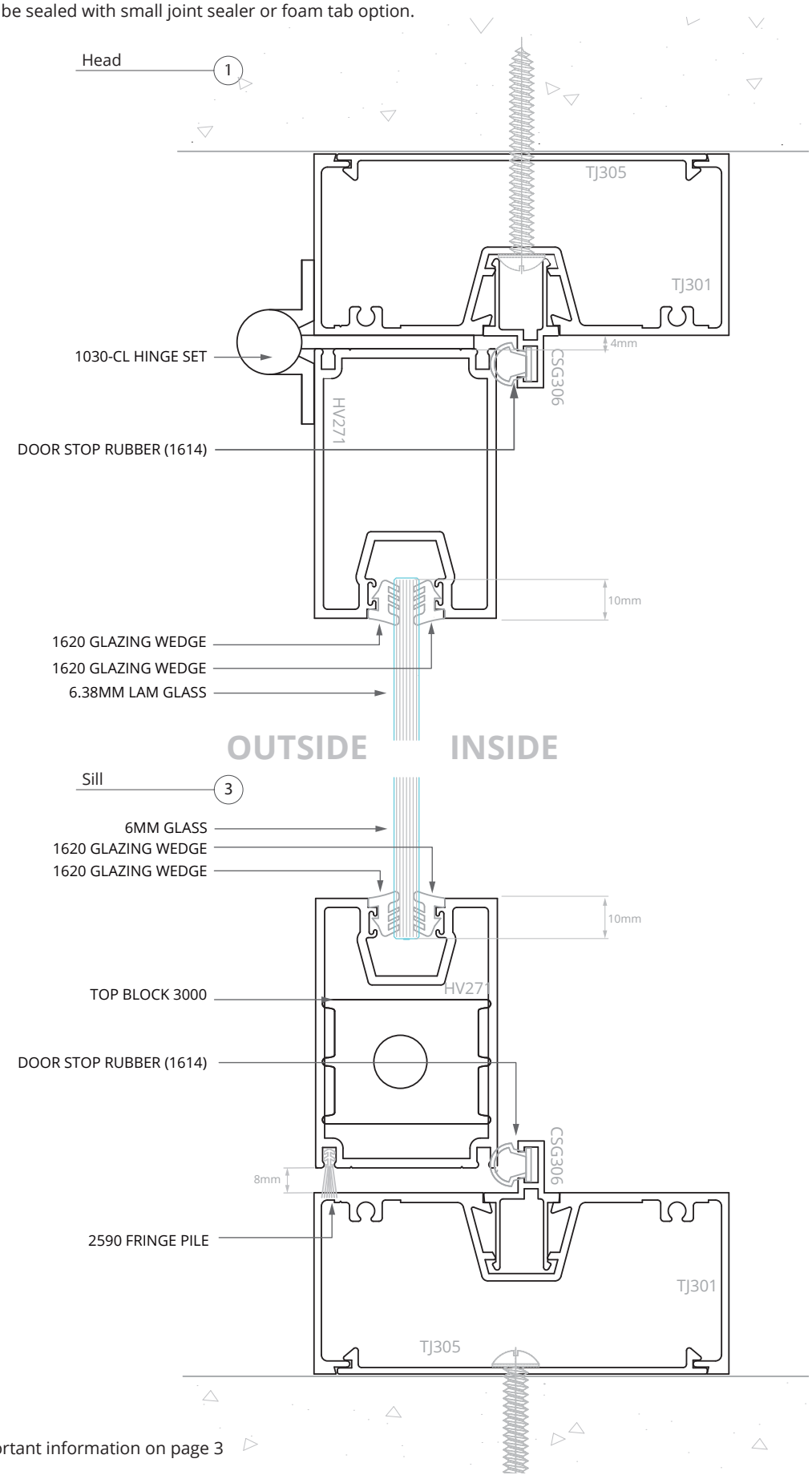
Head & Sill Option

All raw joints need to be sealed with small joint sealer or foam tab option.



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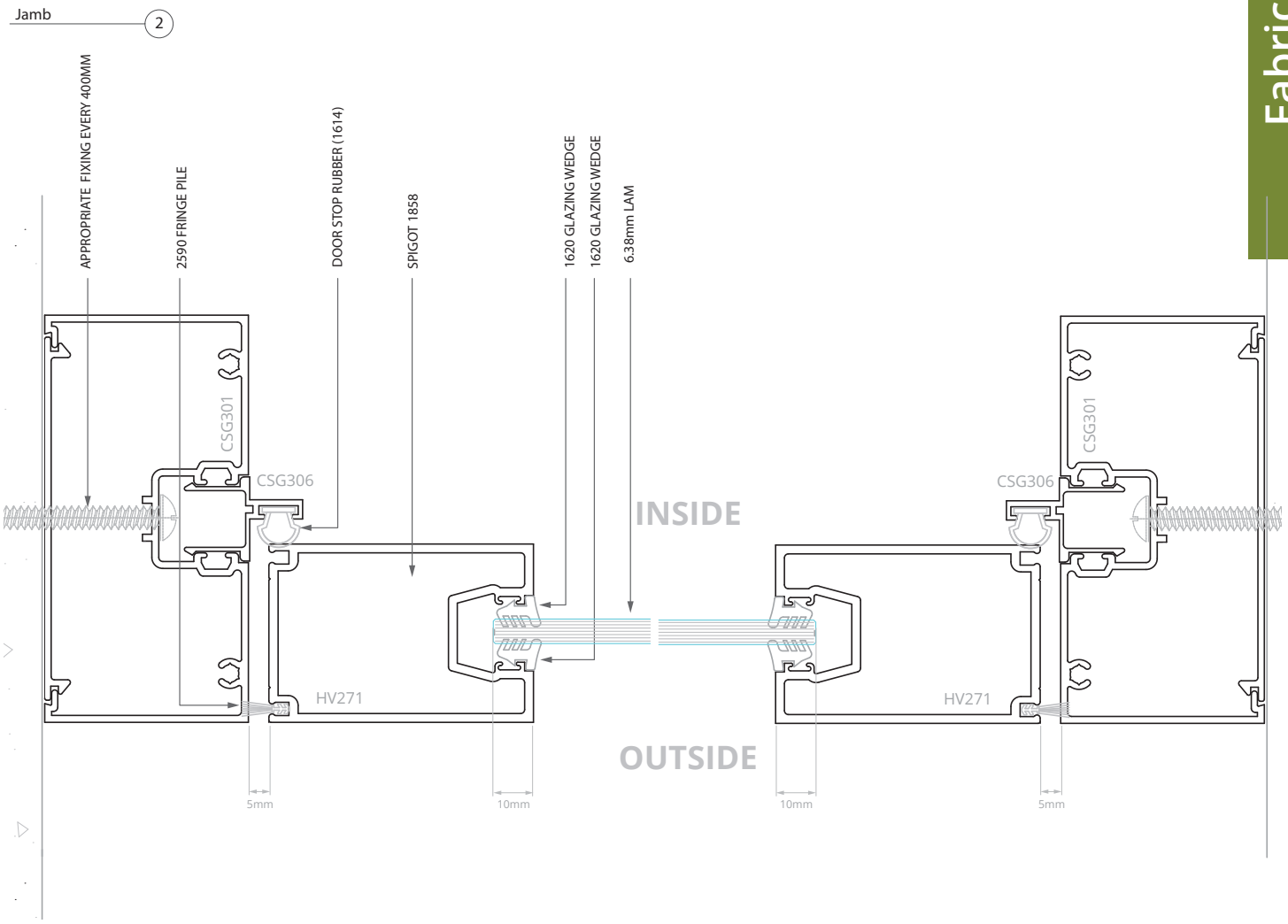
Jamb Option

All raw joints need to be sealed with small joint sealer or foam tab option.



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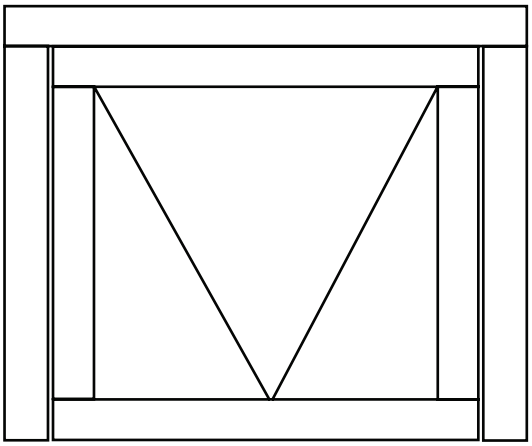
Cutting Formula 50mm Flush Sill

All raw joints need to be sealed with small joint sealer or foam tab option.

Machining



Servery Window w/No Sill V1 March 2024				
NOTE: MEASUREMENTS ARE BASED ON OVERALL FRAME SIZE(DO NOT INCLUDE SUB HEAD/SILLS)				
Code	**Description**	**Quantity**	**Sizes**	
CSG301	JAMBS	2	H - 50	45 MITRE (TOP ONLY) 45 MITRE
	HEAD	1	W	
CSG306	DOOR STOP FOR JAMB	2	H - 33.5	
	DOOR STOP FOR HEAD	1	W - 67.5	
HV271	PANEL STILES	2	H - 182	
	PANEL RAILS	2	W - 110	
GLASS SIZES		QUANTITY	HEIGHT	WIDTH
		1	STILE + 20	W - 219

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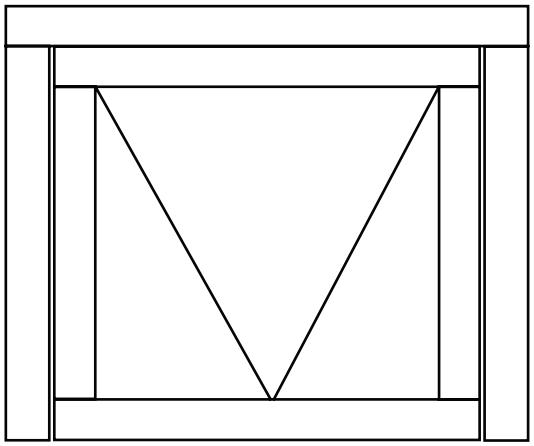
Cutting Formula 45mm Flush Sill

All raw joints need to be sealed with small joint sealer or foam tab option.



Code	Description	Quantity	Formula	NOTES
TJ301	JAMBS	2	H - 45	
TJ306	DOOR STOP FOR JAMBS	2	H - 25	45 MITRE (Top Only)
TJ301	HEAD	1	W	
TJ306	DOOR STOP FOR HEAD	1	W - 51.2	45 MITRE
HV271	PANEL STILES	2	H - 188	
HV271	PANEL RAILS	2	W - 103	
	GLASS HEIGHT	-	PANEL STILE + 20	
	GLASS WIDTH	-	PANEL RAIL - 208	

NOTE: MEASUREMENTS ARE BASED ON OVERALL FRAME SIZE IN MM

(DO NOT INCLUDE SUB HEAD/SILLS)

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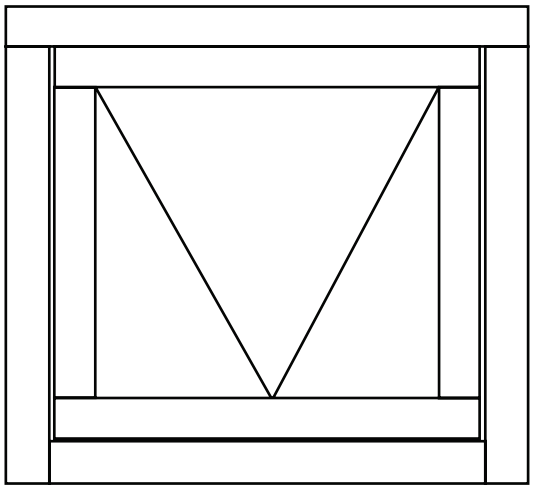
Cutting Formula 50mm With Sill

All raw joints need to be sealed with small joint sealer or foam tab option.



Servery Window w/Sill V1 March 2024				
NOTE: MEASUREMENTS ARE BASED ON OVERALL FRAME SIZE(DO NOT INCLUDE SUB HEAD/SILLS)				
Code	**Description**	**Quantity**	**Sizes**	
CSG301	JAMBS	2	H - 50	
	HEAD	1	W	
	SILL	1	W-100	
CSG306	DOOR STOP FOR JAMB	2	H - 67.5	45 MITRE
	DOOR STOP FOR HEAD/SILL	2	W - 67.5	
HV271	PANEL STILES	2	H - 245	
	PANEL RAILS	2	W - 110	
GLASS SIZES		QUANTITY	HEIGHT	WIDTH
		1	STILE + 20	W - 219

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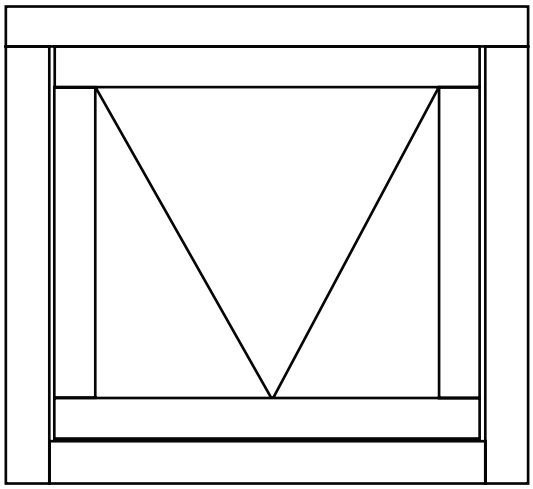
Cutting Formula 45mm With Sill

All raw joints need to be sealed with small joint sealer or foam tab option.



Code	Description	Quantity	Formula	NOTES
TJ301	JAMBS	2	H - 45	
TJ306	DOOR STOP FOR JAMBS	2	H - 51.2	45 MITRE
TJ301	HEAD	1	W	
TJ306	DOOR STOP FOR HEAD	1	W - 51.2	45 MITRE
TJ301	SILL	1	W - 89	
TJ306	DOOR STOP FOR SILL	1	W - 51.2	45 MITRE
HV271	PANEL STILES	2	H - 233	
HV271	PANEL RAILS	2	W - 103	
	GLASS HEIGHT	-	PANEL STILE + 20	
	GLASS WIDTH	-	PANEL RAIL - 208	

NOTE: MEASUREMENTS ARE BASED ON OVERALL FRAME SIZE IN MM

(DO NOT INCLUDE SUB HEAD/SILLS)

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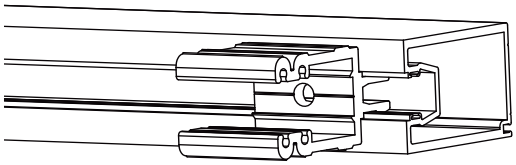
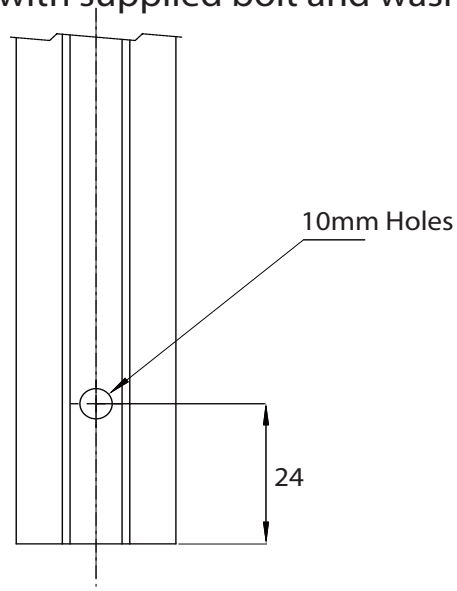
Machining Details- HV271

All raw joints need to be sealed with small joint sealer or foam tab option.

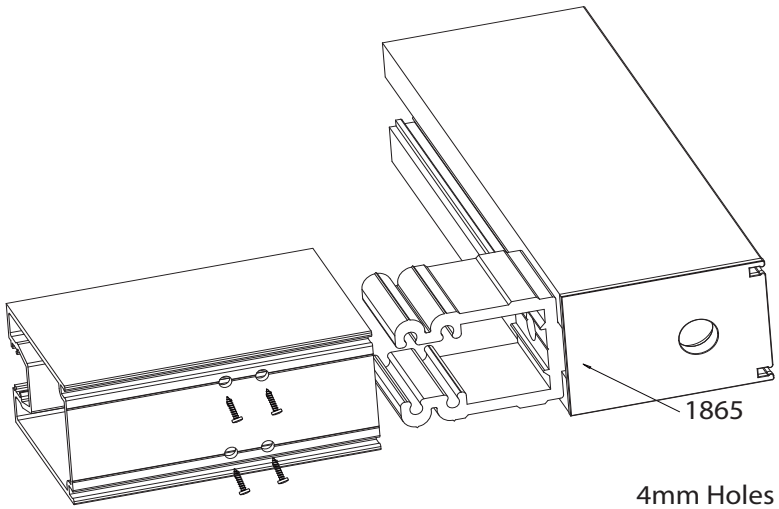
1/ Insert 1858 Spigot into Stile and secure with supplied bolt and washers

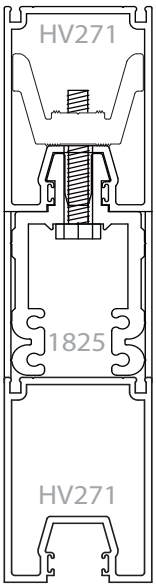


For HV289 Small Rail

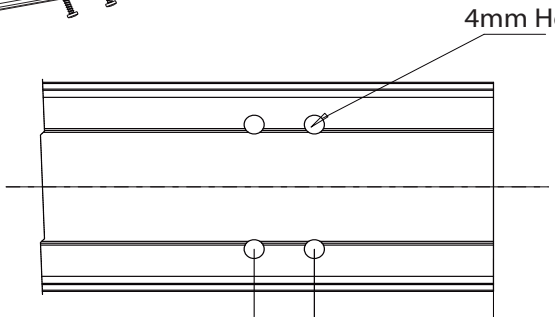


2/ Fix Spigot into rail with 4x screws





Spigot Saddle
1829 Optional
Alternative for Nut



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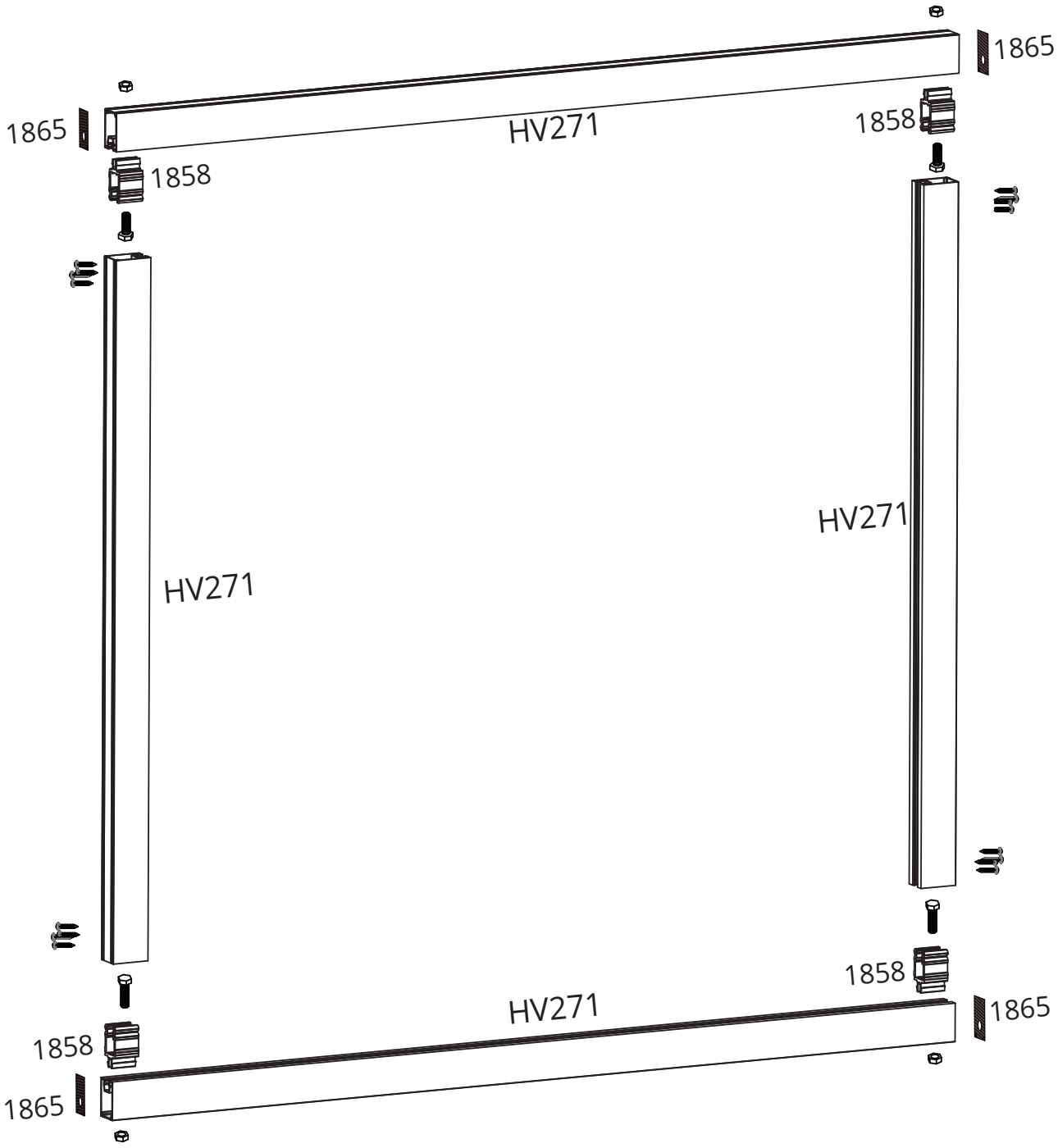
Exploded Assembly Overview

All raw joints need to be sealed with small joint sealer or foam tab option.

Assembly



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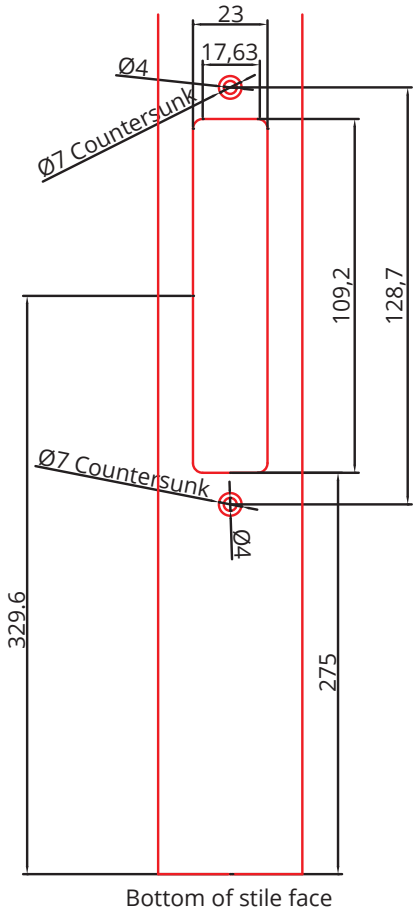
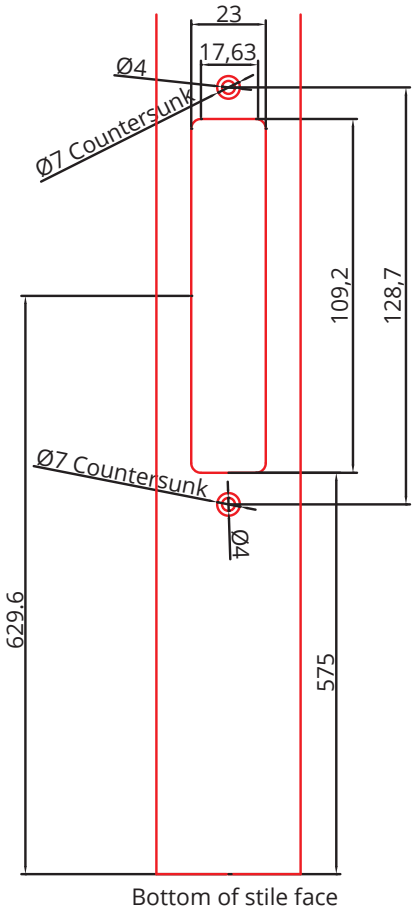
Standard Flushbolt Assembly

All raw joints need to be sealed with small joint sealer or foam tab option.

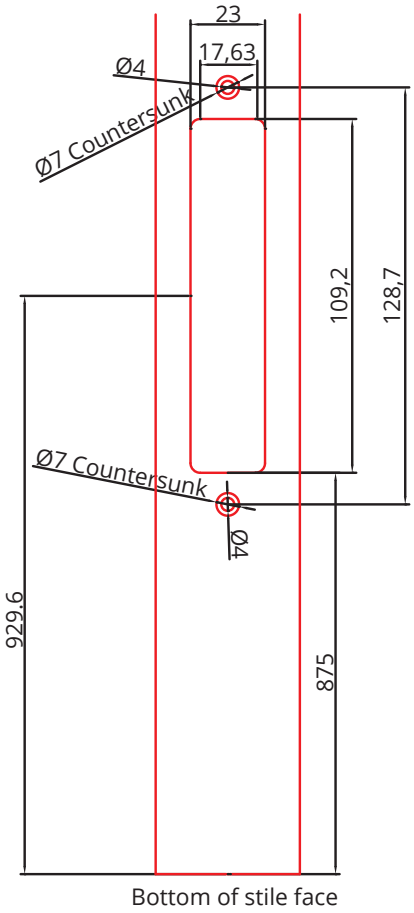
300mm
1066-300 ROD



600mm
1066-600 ROD



900mm
1066-900 ROD



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Brio Flushbolt Installation

All raw joints need to be sealed with small joint sealer or foam tab option.

1. Cut holes in correct side of stile. (Fig A)

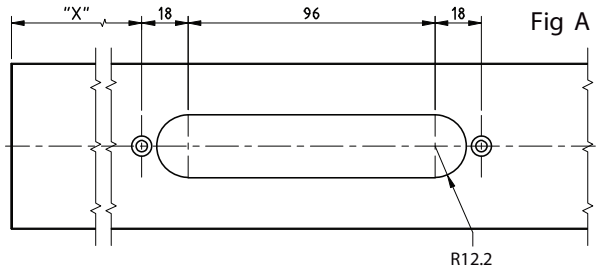

Fig A

KIT NUMBER	"X"
512SS-400	297mm
512SS-600	497mm
512SS-900	797mm

2. Fit rod into correct hole in shoot bolt (no lock nuts required). (Fig B)

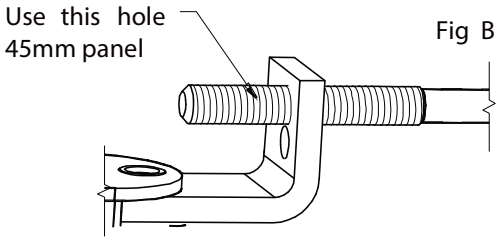

Fig B

3. Screw flush bolt to inside of stile (Fig C)

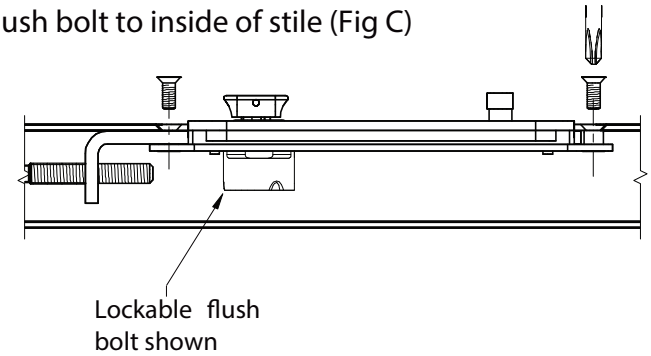

Fig C

4. With knob in the retracted position, wind rod in or out until plastic tip is flush with end and near required side of the stile. (Fig D)

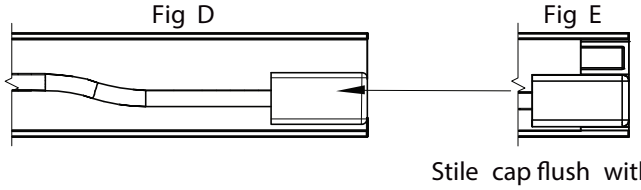

Fig D

Fig E

Stile cap flush with end

Tip: Can be orientated either to the front or back of door.

5. With Knob still in the retracted position usa a mallet to drive the stile cap flush with the end of the stile. (Fig E)

6. Drill Ø25mm hole in line with the tip and push fit the keeper cup in place.

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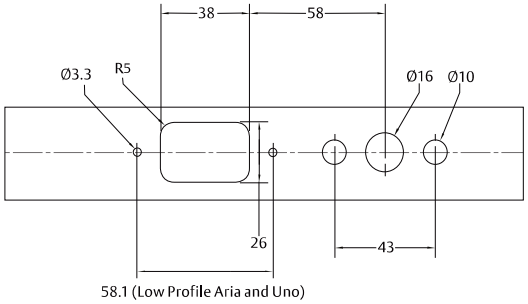
Fabrication

15131 Standard Twin Point Lock Installation

All raw joints need to be sealed with small joint sealer or foam tab option.

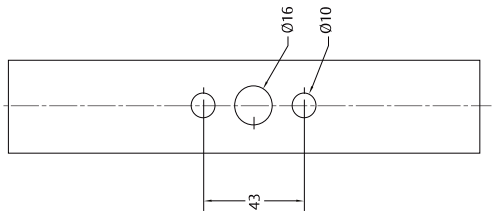
15131 TWIN POINT MULTIFOLD LOCK

Key Locking Routing Instruction



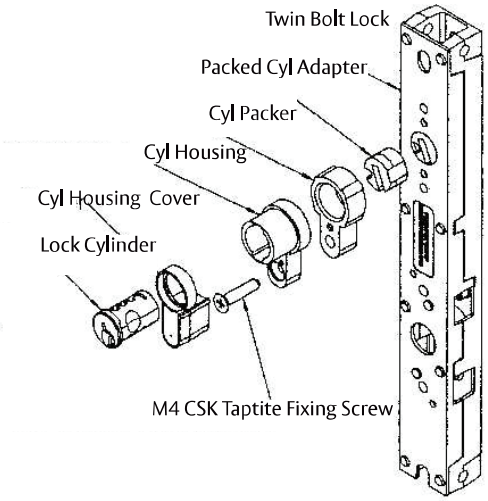
15133 (Black) 15134 (Satin Chrome)

Non Locking Routing Instruction

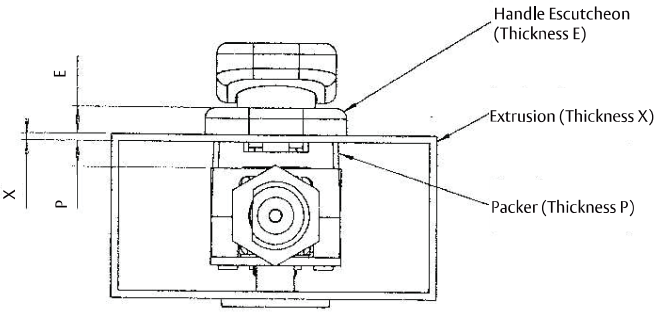


15131 (Black) 15132 (Satin Chrome)

Packing system for locking cylinder



Top view of Components in Folding Panel Section



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15131 Standard Twin Point Lock Installation

All raw joints need to be sealed with small joint sealer or foam tab option.

15131 TWIN POINT MULTIFOLD LOCK

Lock Installation Instructions

1. Cut the rods to length allowing for a lock throw of 18mm.
   Note: Allowance must also be made for the clearance between the door and frame, the D-tip length of 44mm and the multi point rod threaded 14mm into the lock.

2. Press the D-tips onto the end of the multi point rod. Crimp the rods onto the D-tip to ensure a solid fit (a crimping tool – P84042 – is available for this task).

3. Screw the rods to the lock, tightening the lock nuts against the throw bolts (see fig 4). Locking nuts only need to be used when D-tips are retained by a round rod guide (i.e not needed with D-shaped guide) to prevent the rod from unwinding.

4. Select the packers to be used and clip this onto the lock body.
   Note: The remaining packer can be clipped onto the back of the lock to hold it for easier fixing in the section.

5. Mount the lock assembly onto the door stile checking lock function, D-tip protrusion and D-tip orientation. Fix the handle and lock assembly to the extrusion using the M5 fixing screws.
   Note: The 8mm square drive bar should protrude through the entire lock for adequate performance.

6. For Locking Version: Screw the CYL4 lock housing onto the lock body using the M4 fixing screw (see Fig 6 for the packer selection guide). Assemble the lock barrel and housing cover using the retainer wafer of the lock to hold the assembly together.
   Important Note: The cylinder should not be used externally.

7. Screw the lock escutcheon in place.

Note on Rods: The vertical locking rods supplied cater for a maximum door height of 2300mm. For taller applications a multi-point extension kit is available which caters for a maximum door height of 3300mm, the part number for the multi-point kit is P84017, one kit required per twin bolt lock body.

Warning: When tightening lock nut use a spanner to support the lock bolt. This will prevent any damage to the lock. See Fig 4.

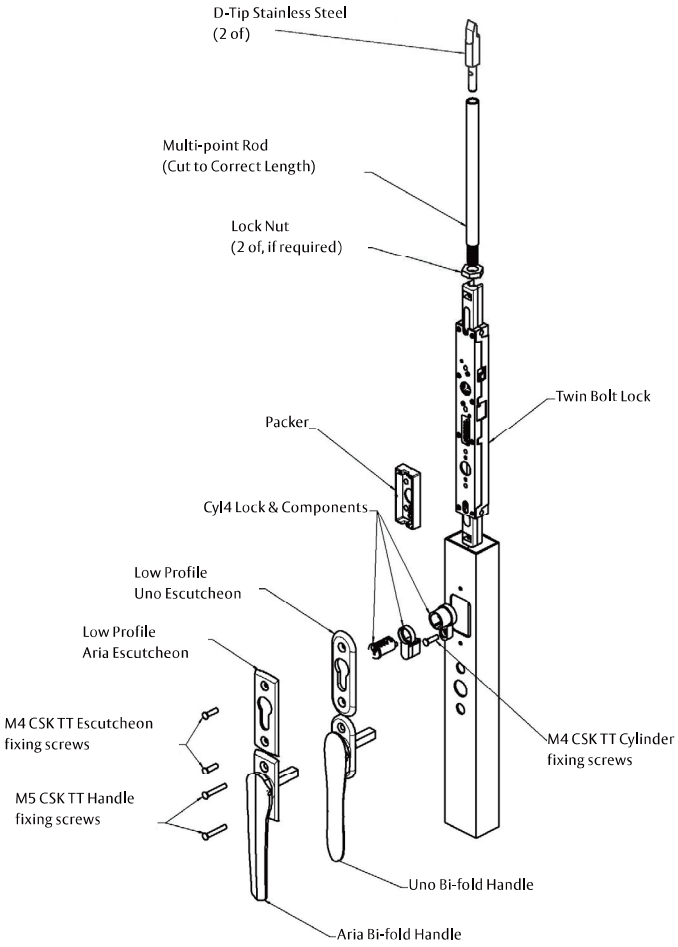
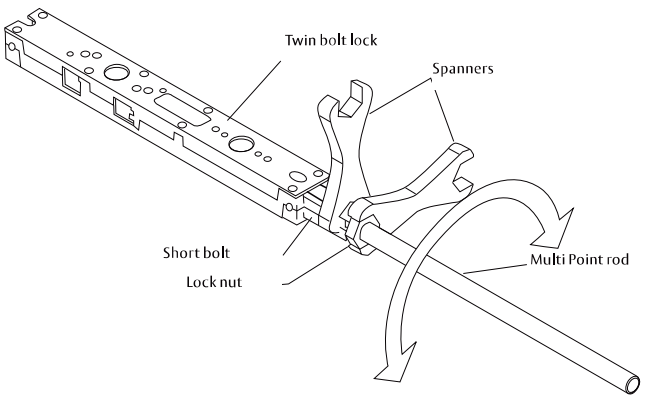


Fig 4. Rod Assembly with Lock Nut



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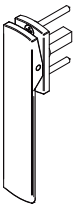
15142 Brio Dual Point Lock Installation

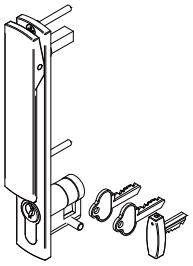
All raw joints need to be sealed with small joint sealer or foam tab option.

ALUMINIUM LOCK BODY
286A

NON-LOCKING HANDLE
286N

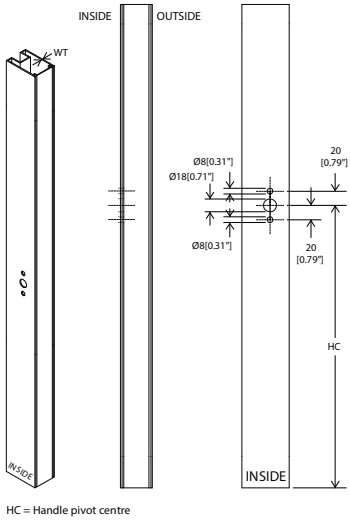


LOCKING HANDLE
286L-40



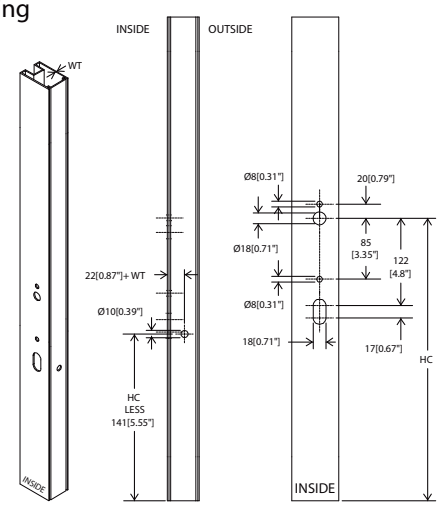
Panel Machining

Non-Locking



HC = Handle pivot centre

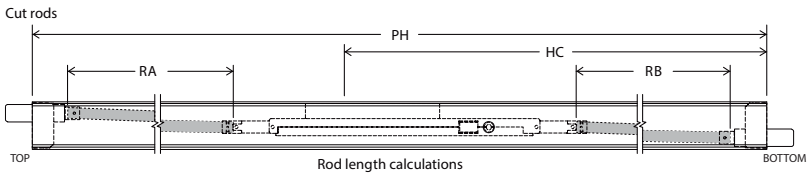
Locking



HC = Handle pivot centre.
WT = Wall thickness

Rod Drilling Jugs and Drill Bit Supplied

Prepare rods & tip guides

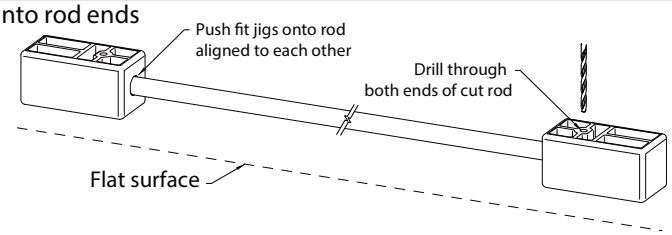


Rod length calculations

RA = PH-HC-132[5.2"]
RB = HC - 257[10.12"]

PH = Panel height
HC =Handle pivot centre

Drill Fixing holes into rod ends



Note: Rods must bottom out in jigs to ensure holes are in correct positions

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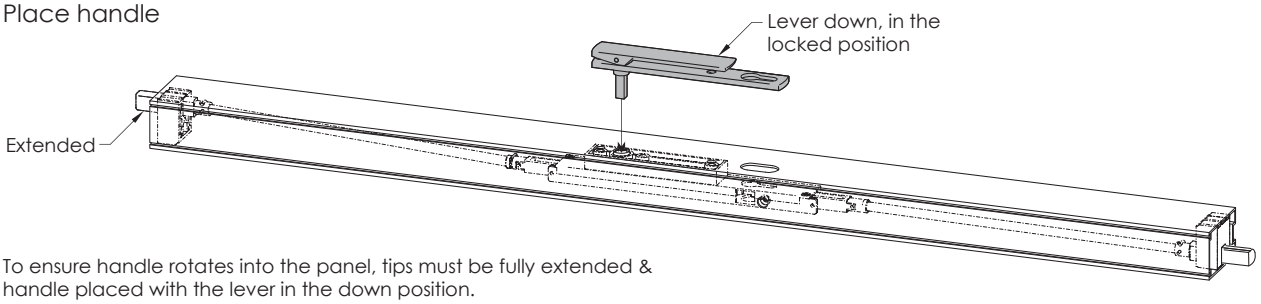
15142 Brio Dual Point Lock Installation (Flush Sill Only)

All raw joints need to be sealed with small joint sealer or foam tab option.

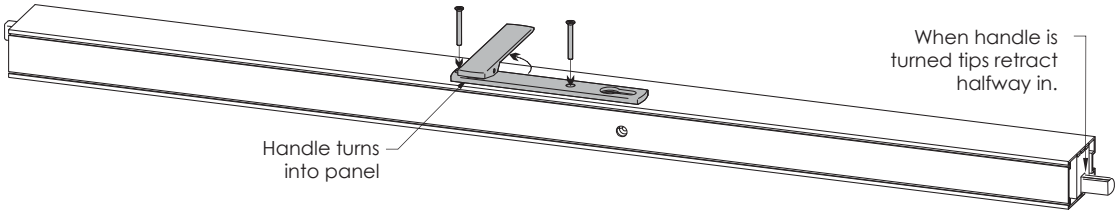
Install Handle locking handle shown

Place handle

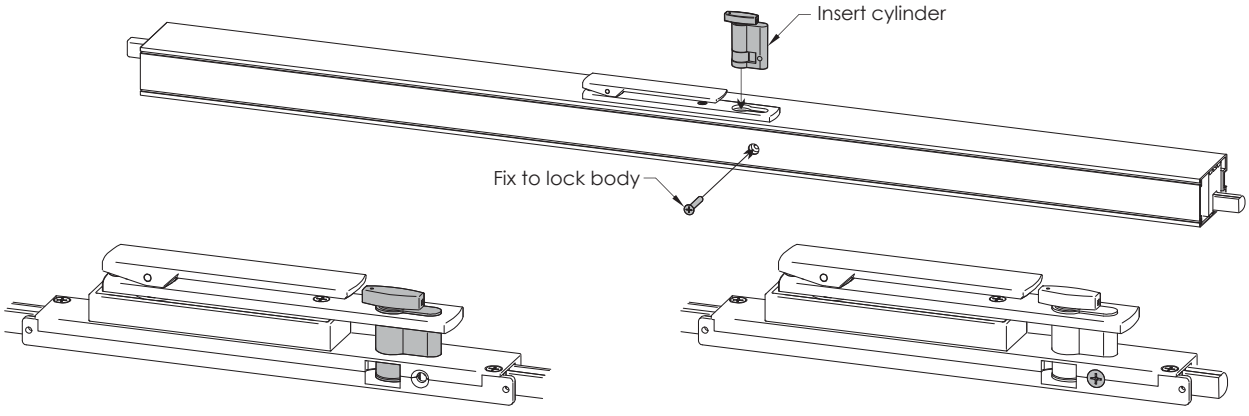


To ensure handle rotates into the panel, tips must be fully extended & handle placed with the lever in the down position.

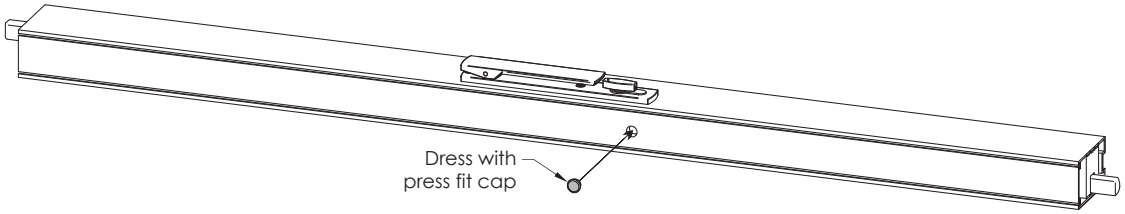
Rotate handle 90° into the panel & fix



Fit euro cylinder



Dress clearance hole



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Gas Strut Codes

All raw joints need to be sealed with small joint sealer or foam tab option.

	STRUT SIZES	450 x 8	500 x 8-10	550 x 8-10	595 x 8-10	630 x 8-10	650 x 8-10
	HEIGHT	701 - 800	801 - 900	901 - 1000	1001 - 1100	1101 - 1200	1201 - 1300
WEIGHT	10-13KG	GS0813	GS0913	GS1013	GS1113	GS1213	GS1313
	14-17KG	GS0817	GS0917	GS1017	GS1117	GS1217	GS1317
	18-21KG	GS0821	GS0921	GS1021	GS1121	GS1221	GS1321
	22-25KG	GS0825	GS0925	GS1025	GS1125	GS1225	GS1325
	26-29KG	GS0829	GS0929	GS1029	GS1129	GS1229	GS1329
	30-33KG	GS0833	GS0933	GS1033	GS1133	GS1233	GS1333
	34-37KG	GS0837	GS0937	GS1037	GS1137	GS1237	GS1337
	38-41KG	CUS0841	GS0941	GS1041	GS1141	GS1241	GS1341
	42-45KG	CUS0845	GS0945	GS1045	GS1145	GS1245	GS1345

USE 8/18MM STRUTS

USE 10/22MM STRUTS

CUSTOM SIZE - PROVIDE SASH HEIGHT & WEIGHT TO STRUT INNOVATIONS

STRUT INNOVATIONS:

info@strutinnovations.com.au

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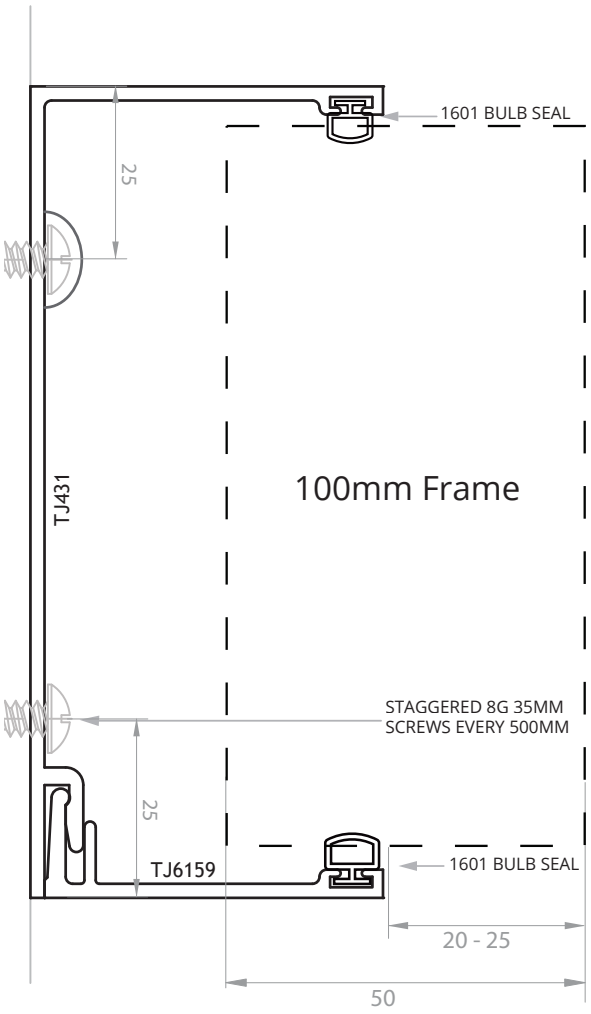
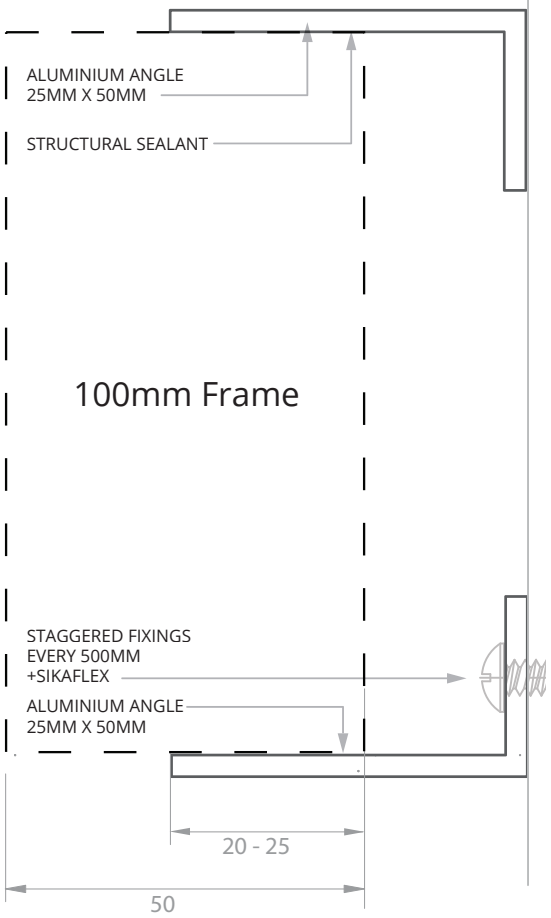
100mm SubJamb Options

All raw joints need to be sealed with small joint sealer or foam tab option.





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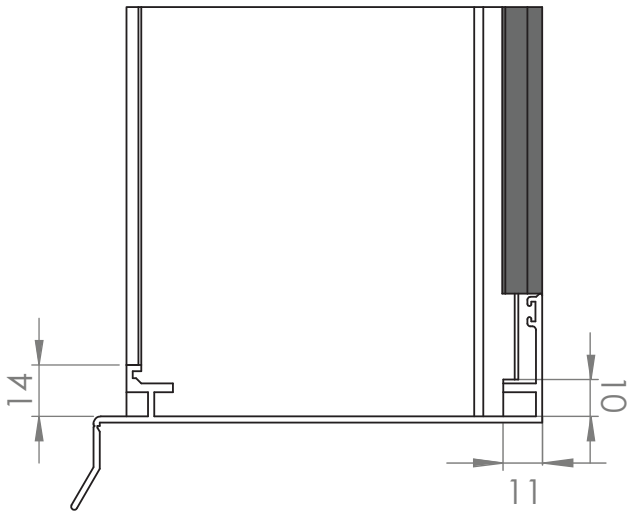
Fabrication

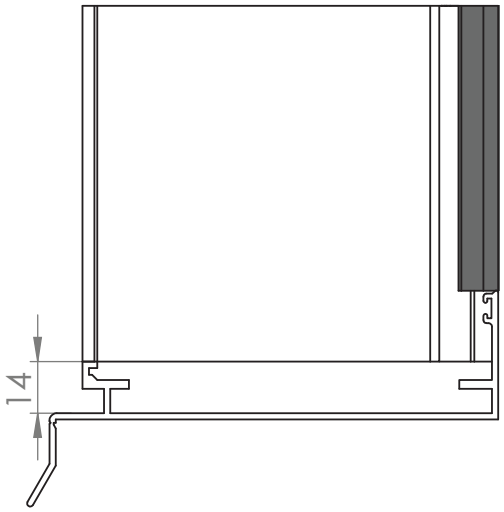
100mm Subframe Internal Bead

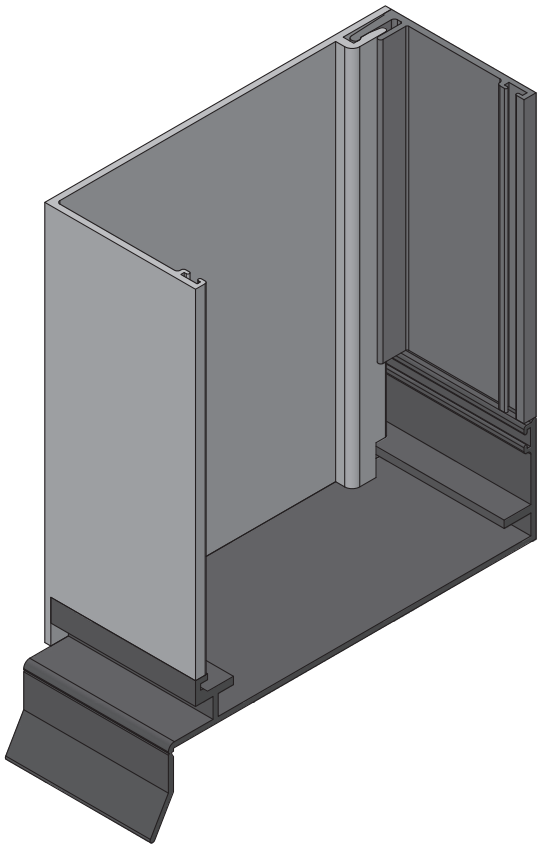
All raw joints need to be sealed with small joint sealer or foam tab option.

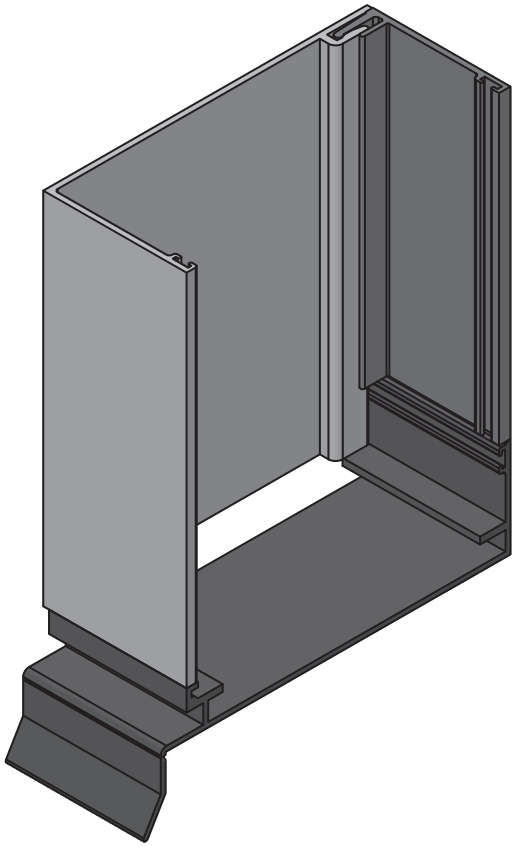
SQUARE CUT (INTERNAL BEAD)



MACHINED (INTERNAL BEAD)







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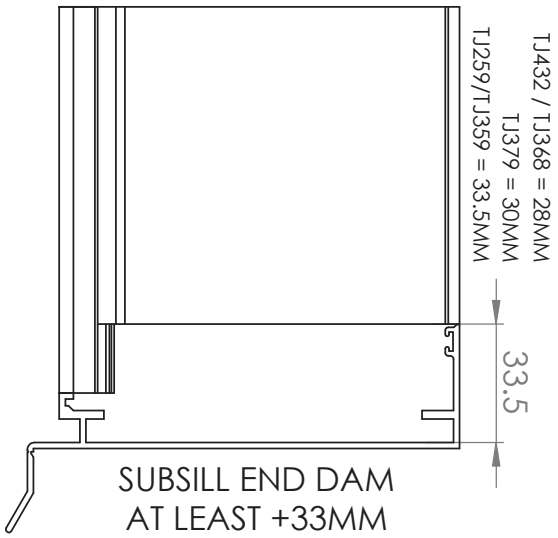
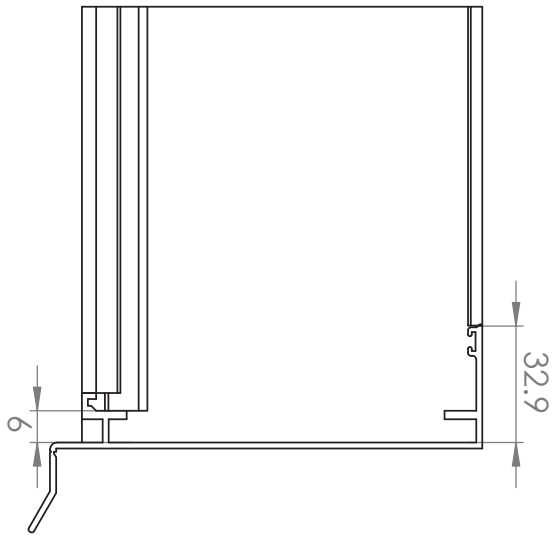
100mm Subframe External Bead

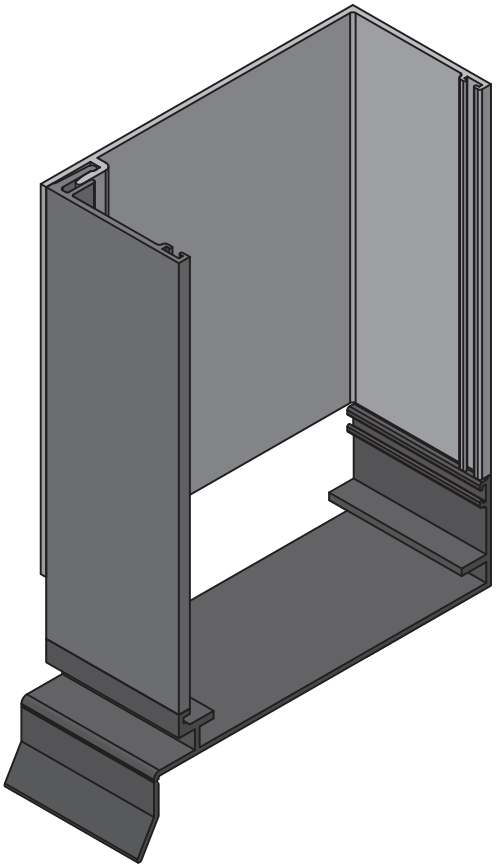
All raw joints need to be sealed with small joint sealer or foam tab option.

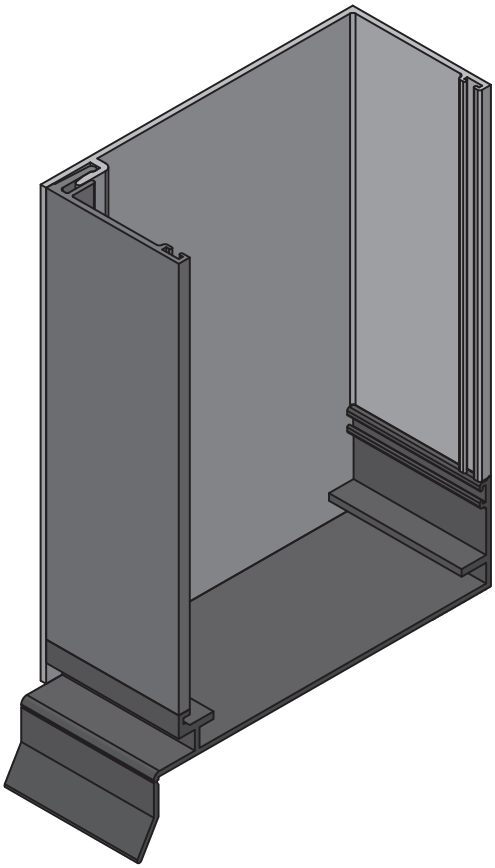
SQUARE CUT (EXTERNAL BEAD)



MACHINED (EXTERNAL BEAD)







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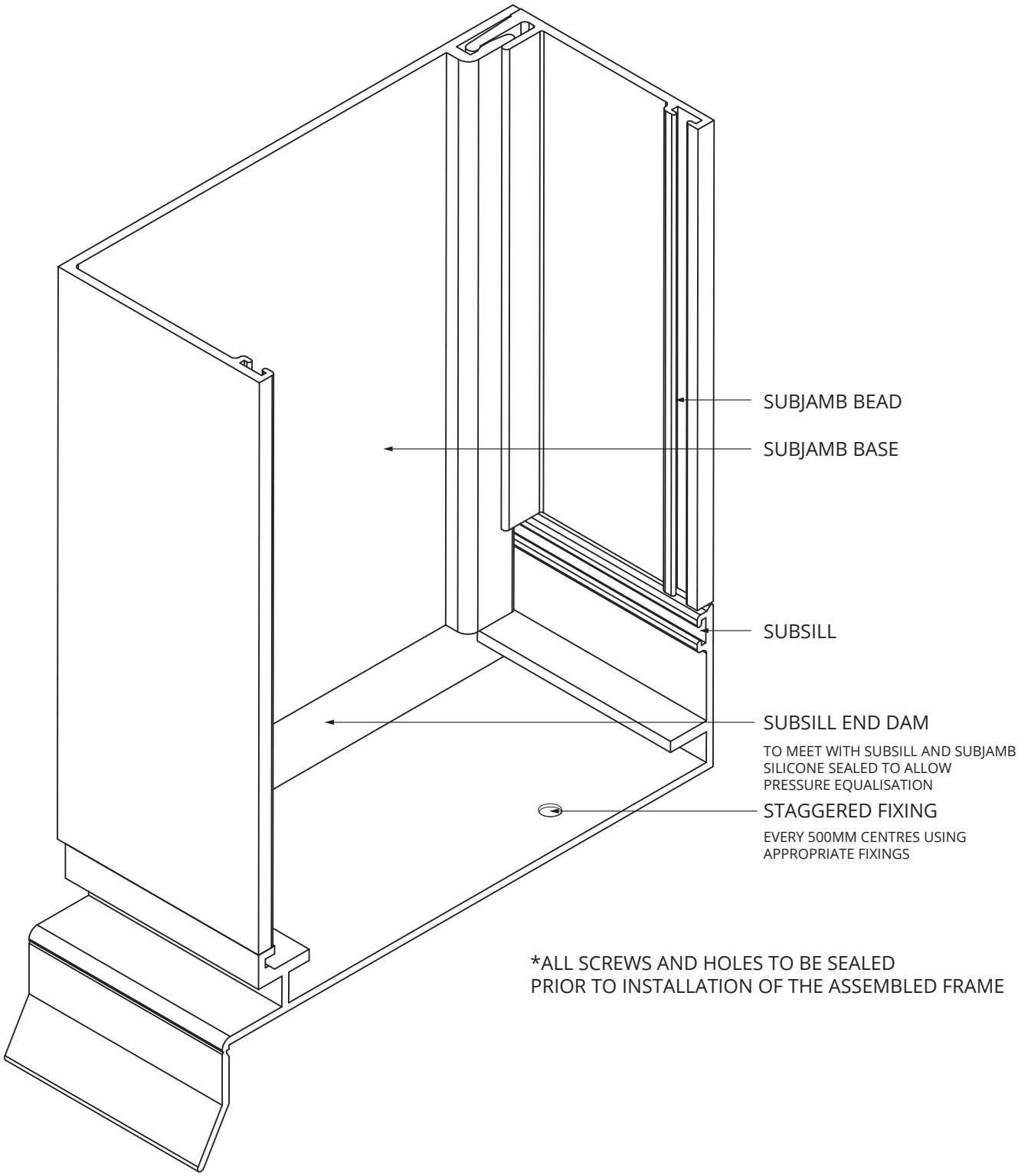
Subsill End-Dam Installation

All raw joints need to be sealed with small joint sealer or foam tab option.



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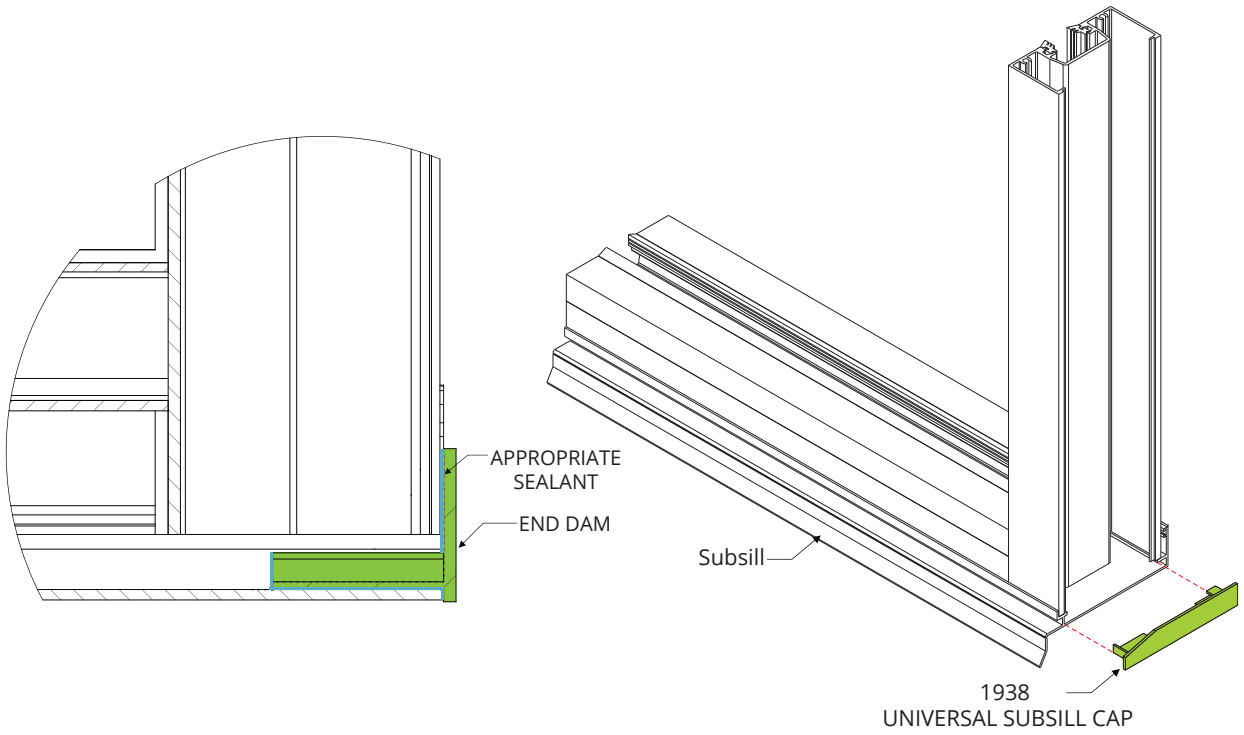

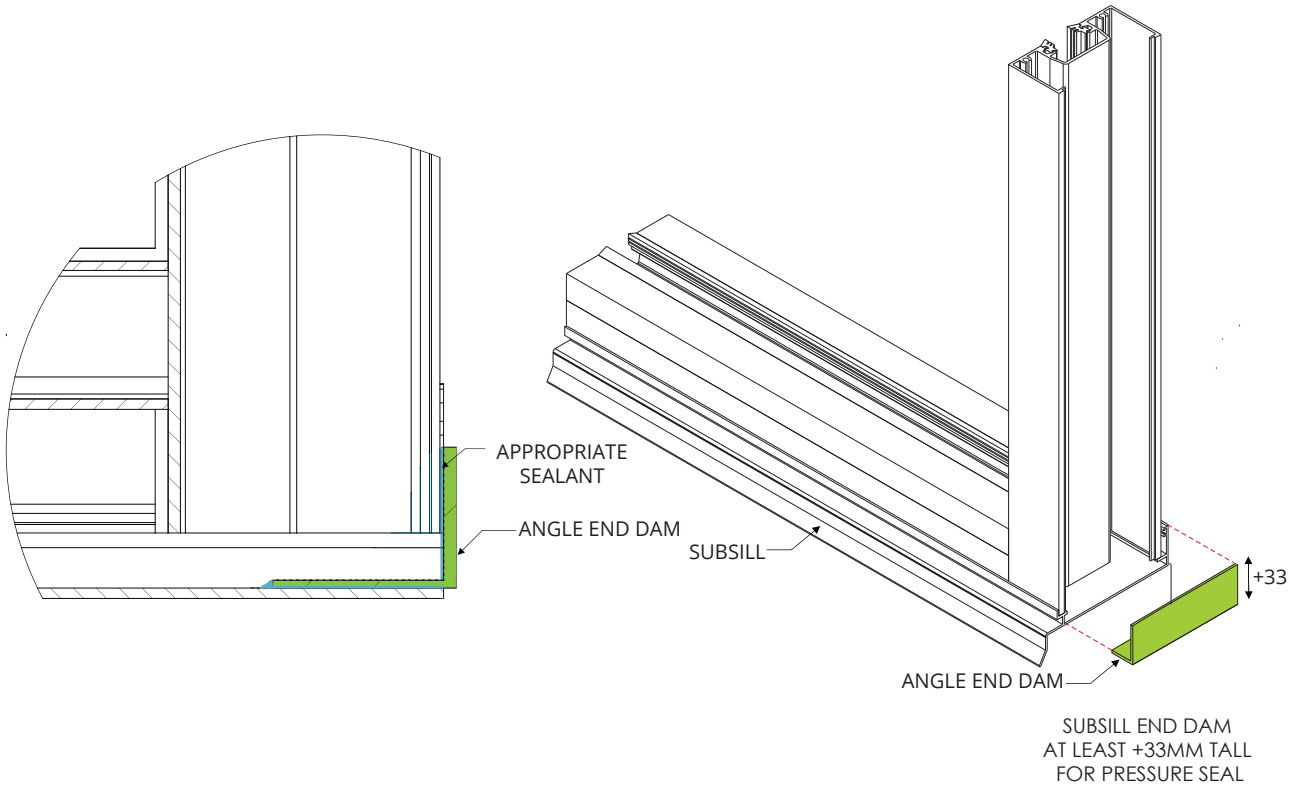

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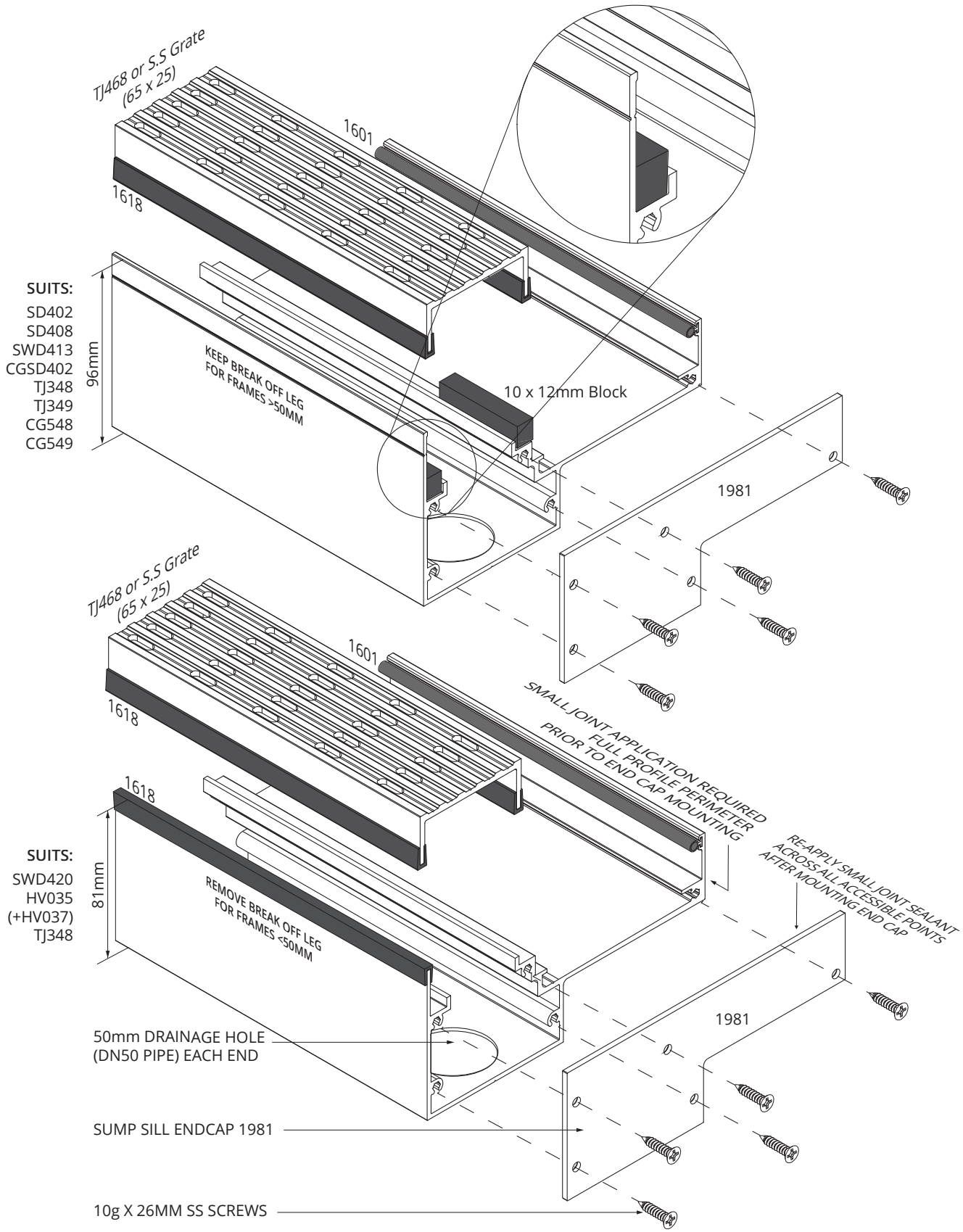
100mm Sump Sill

All raw joints need to be sealed with small joint sealer or foam tab option.



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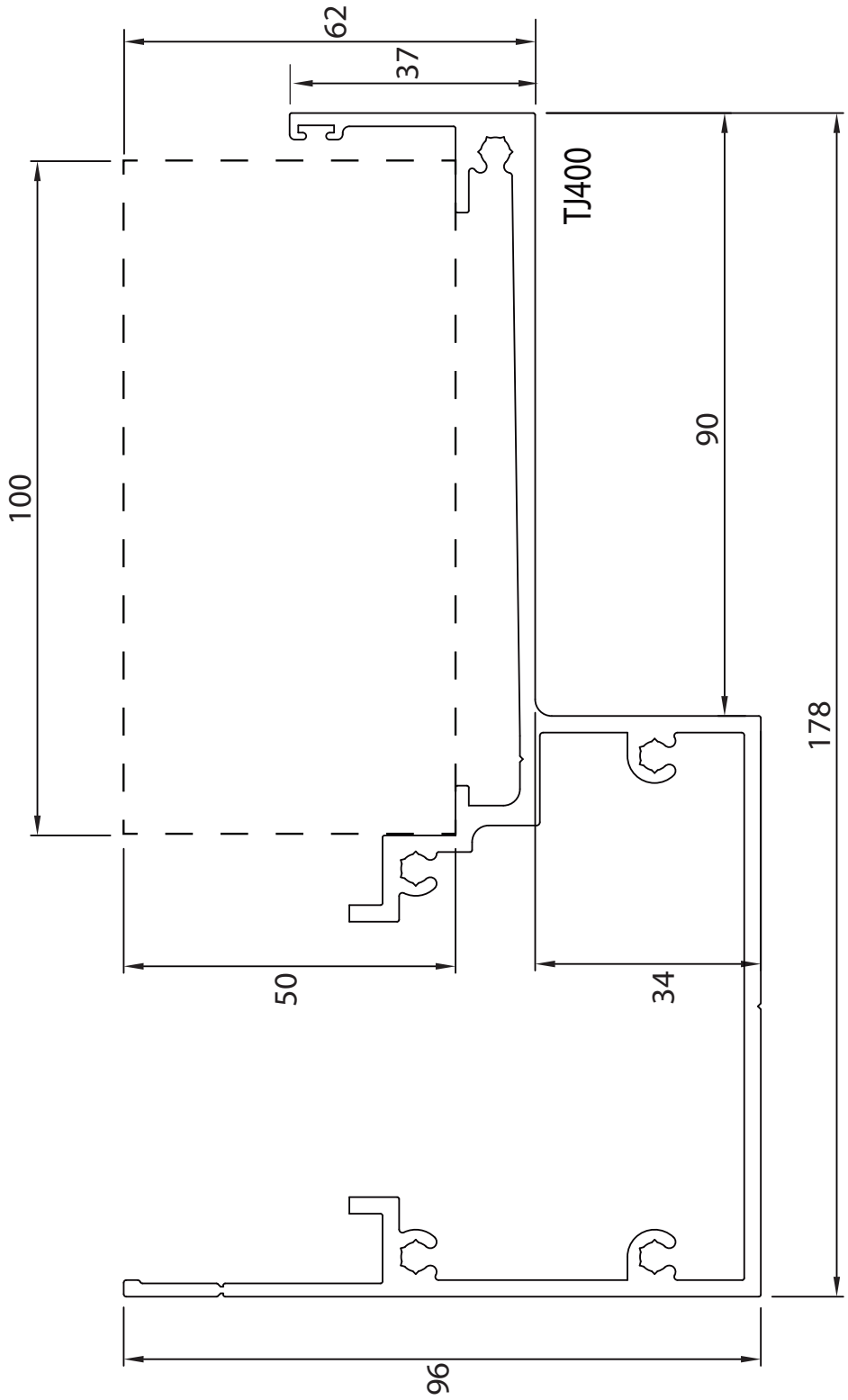
TJ400 Slab Recess Details (1:1)

All raw joints need to be sealed with small joint sealer or foam tab option.



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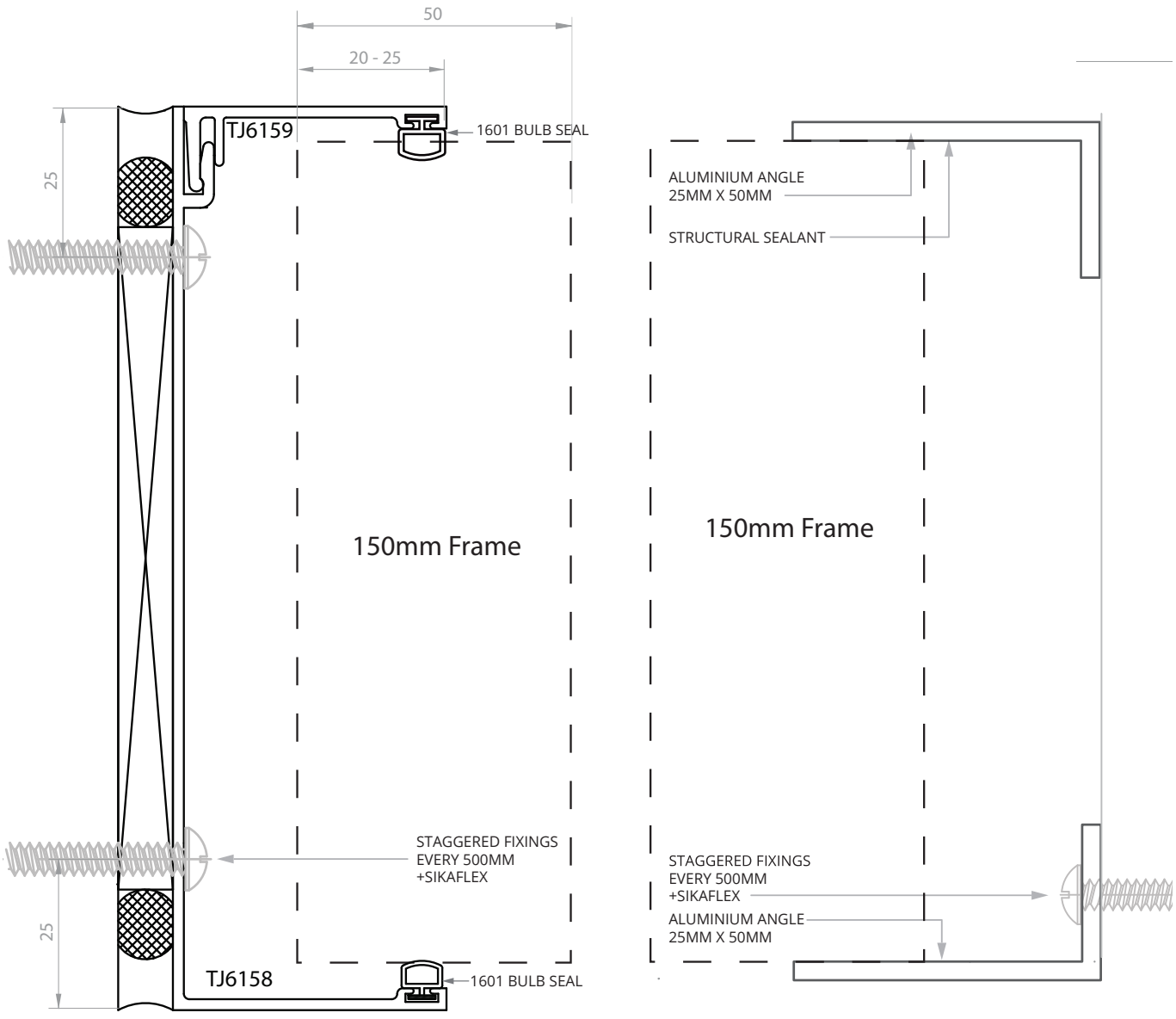
Fabrication

150mm SubJamb Options

All raw joints need to be sealed with small joint sealer or foam tab option.



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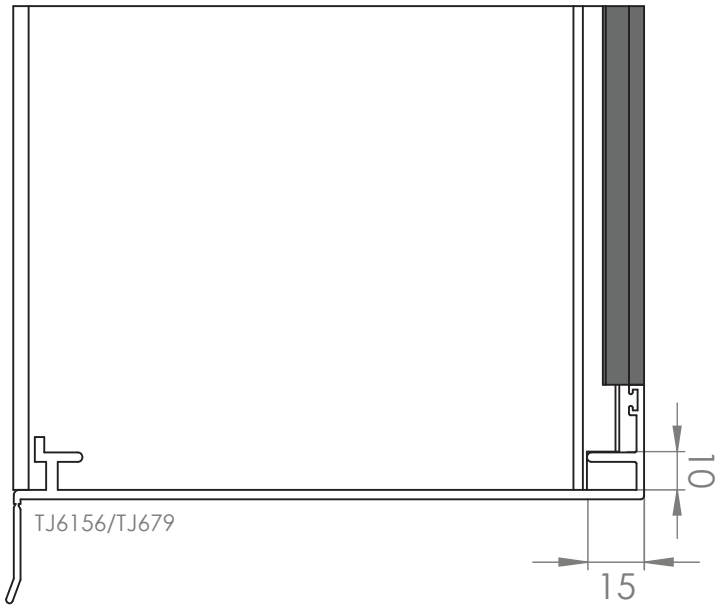
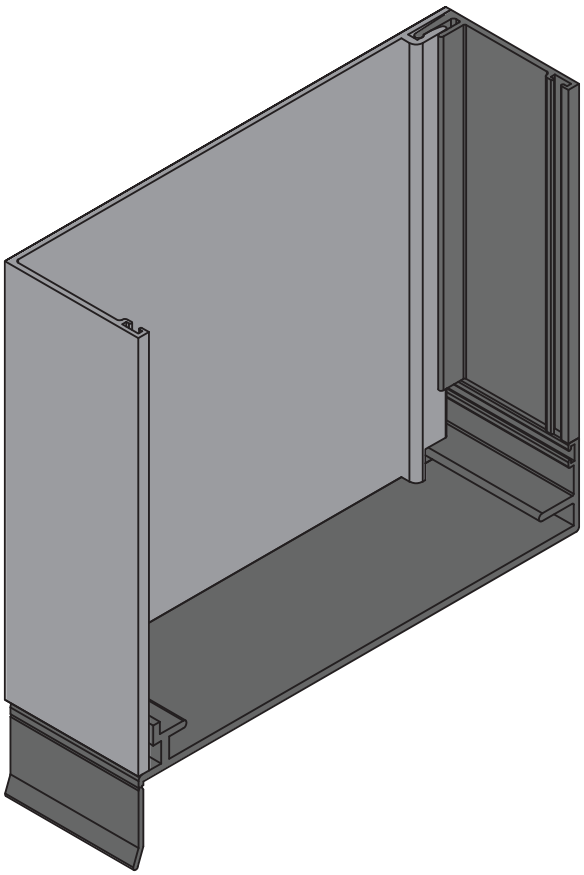
150mm Subframe Internal Bead

All raw joints need to be sealed with small joint sealer or foam tab option.

MACHINED (INTERNAL BEAD)





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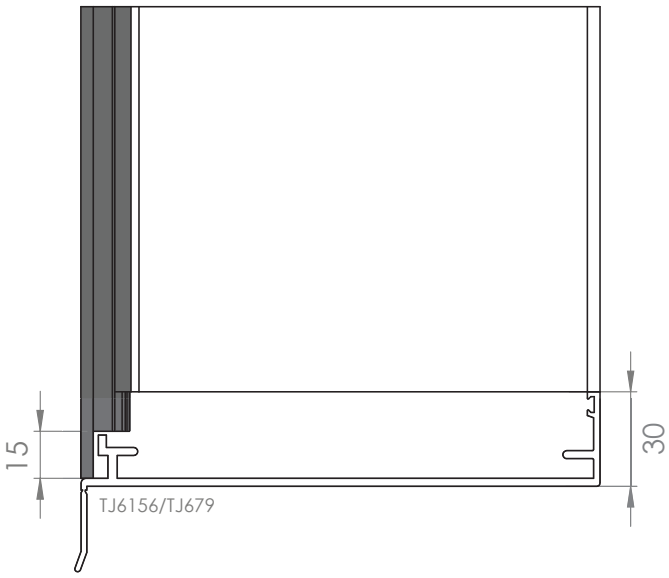
150mm Subframe External Bead

All raw joints need to be sealed with small joint sealer or foam tab option.

SQUARE CUT (EXTERNAL BEAD)



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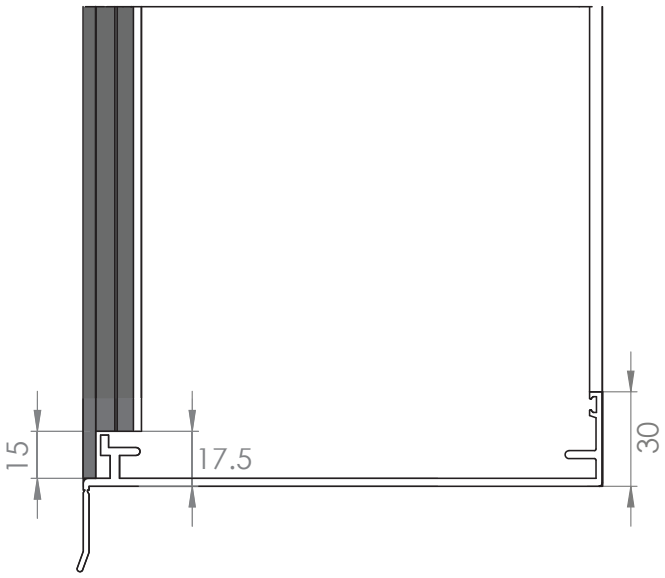

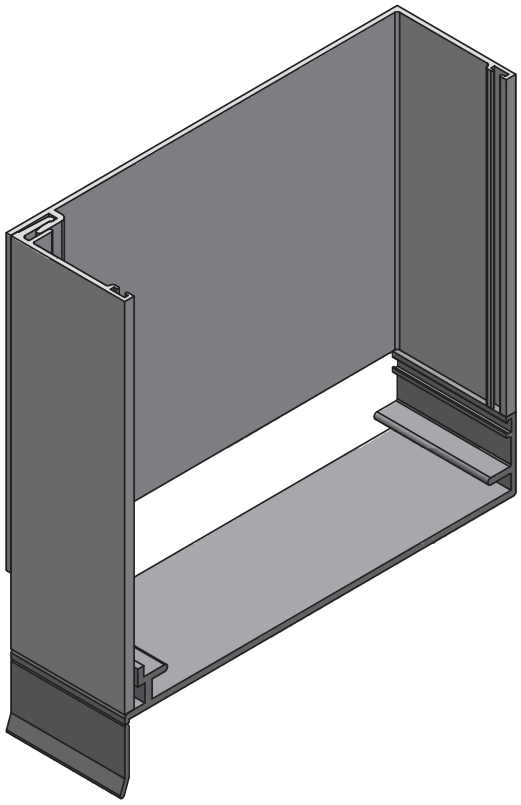

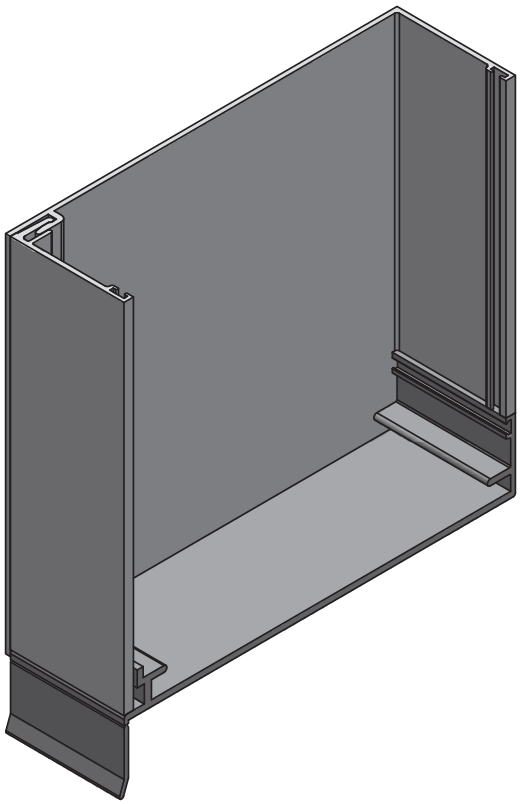

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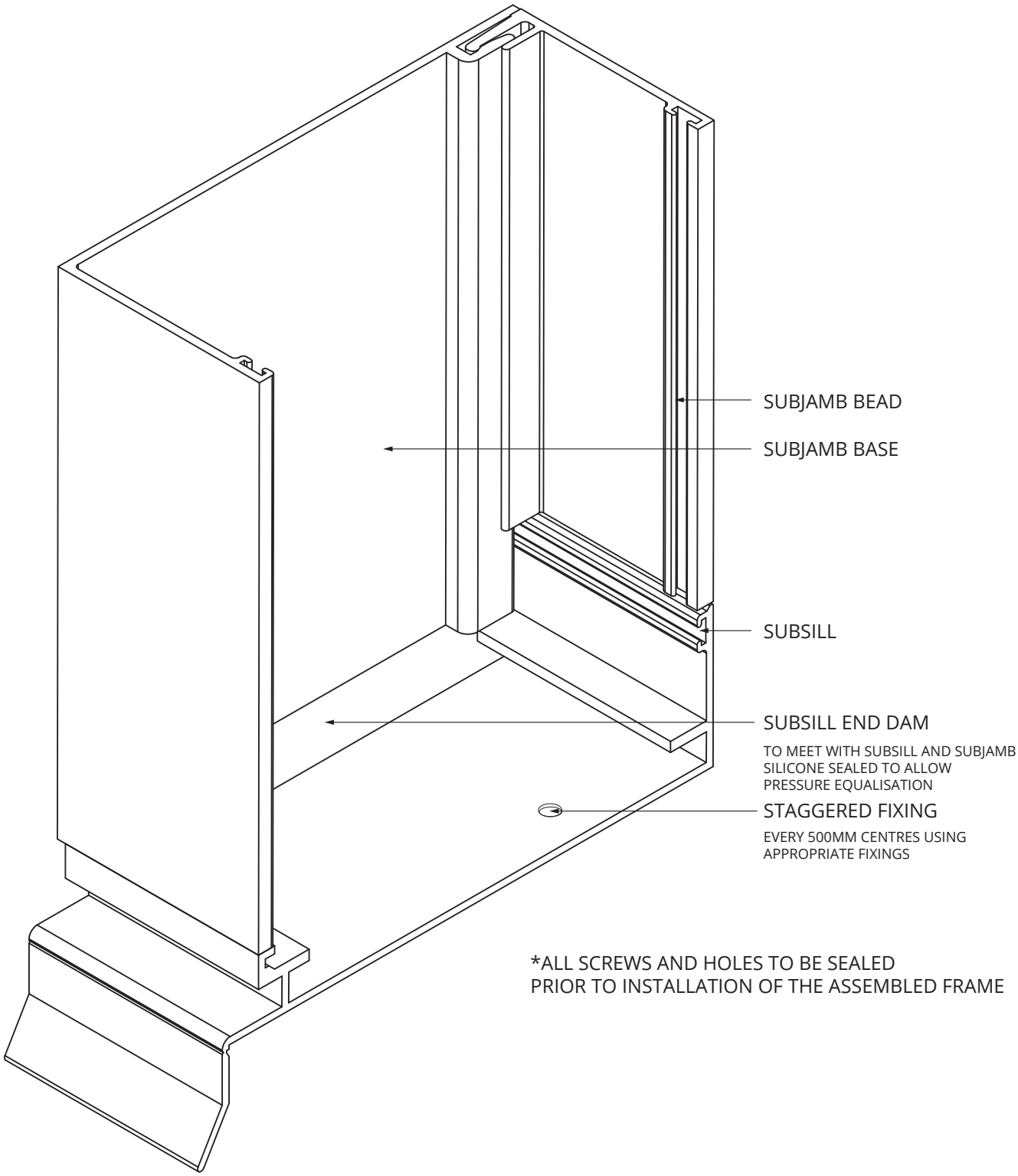
Subsill End-Dam Installation

All raw joints need to be sealed with small joint sealer or foam tab option.



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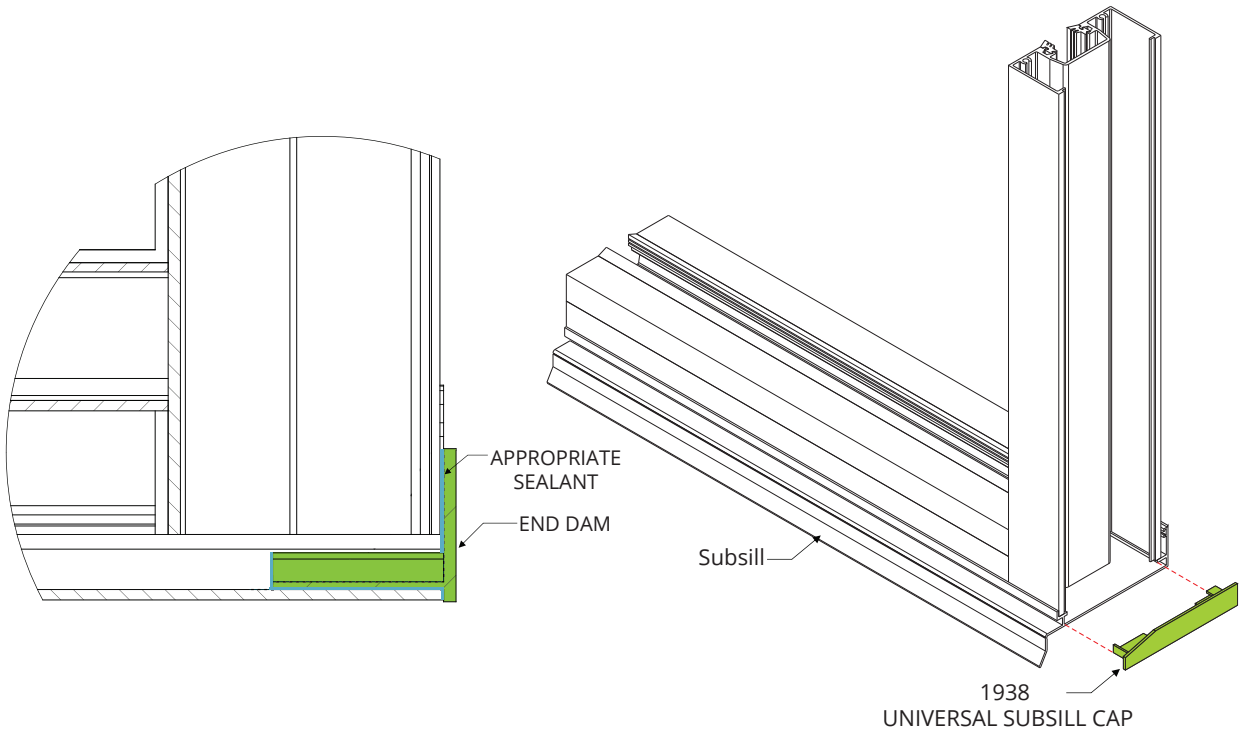

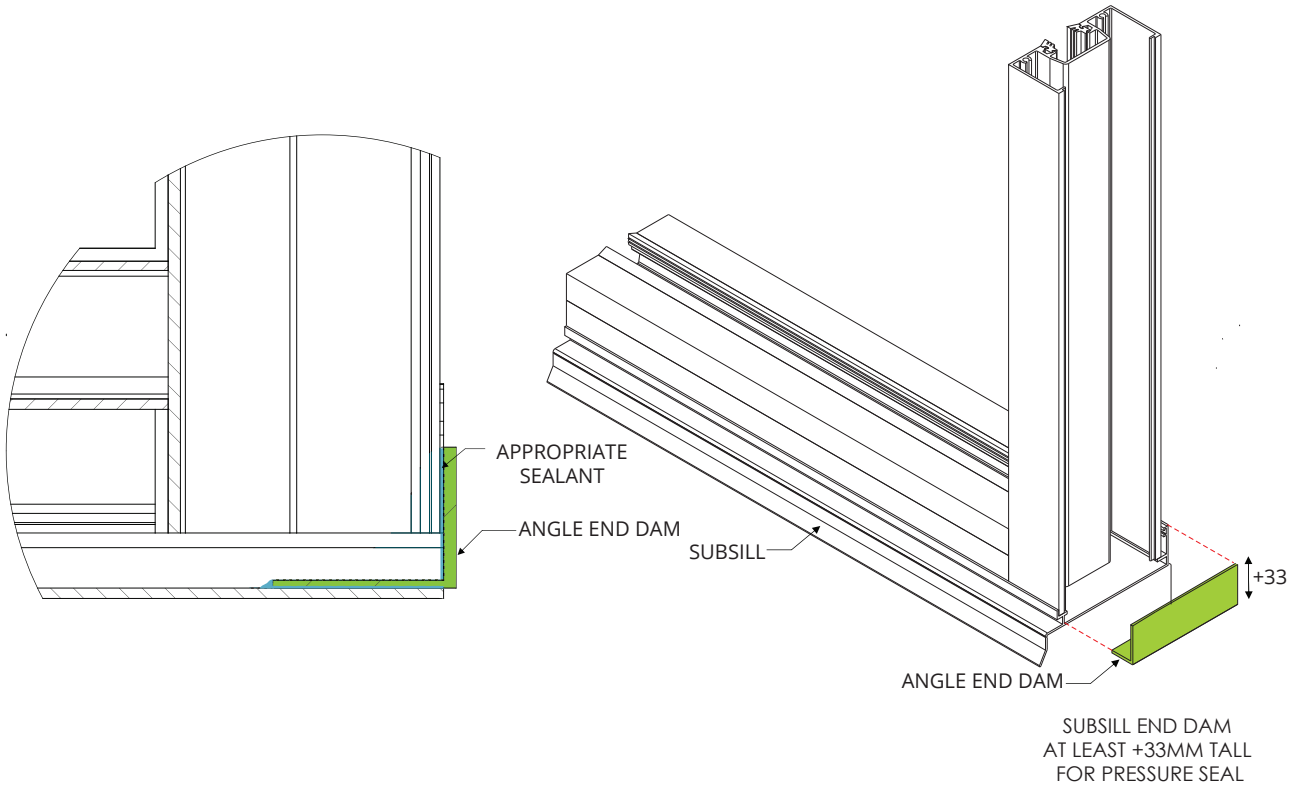

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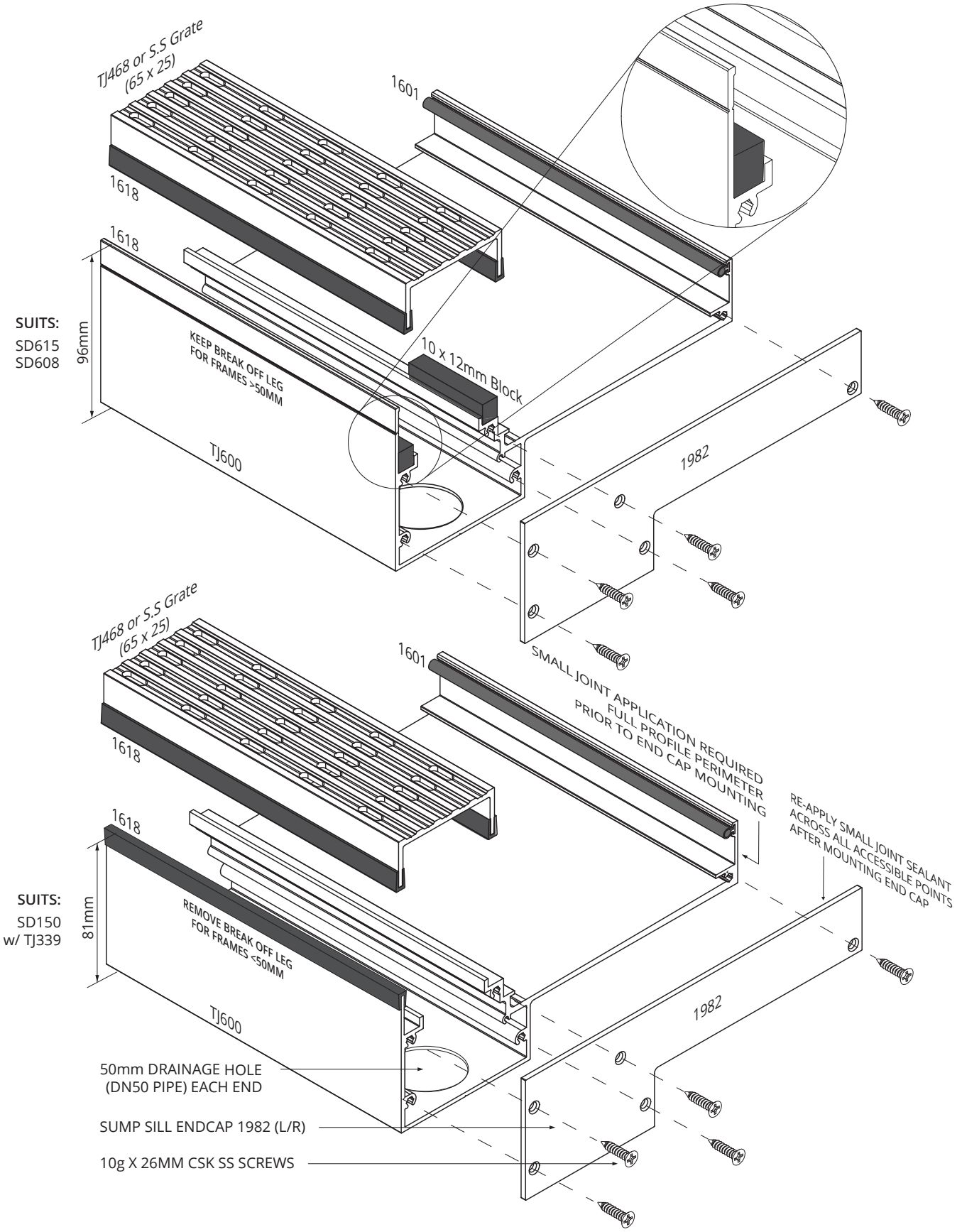
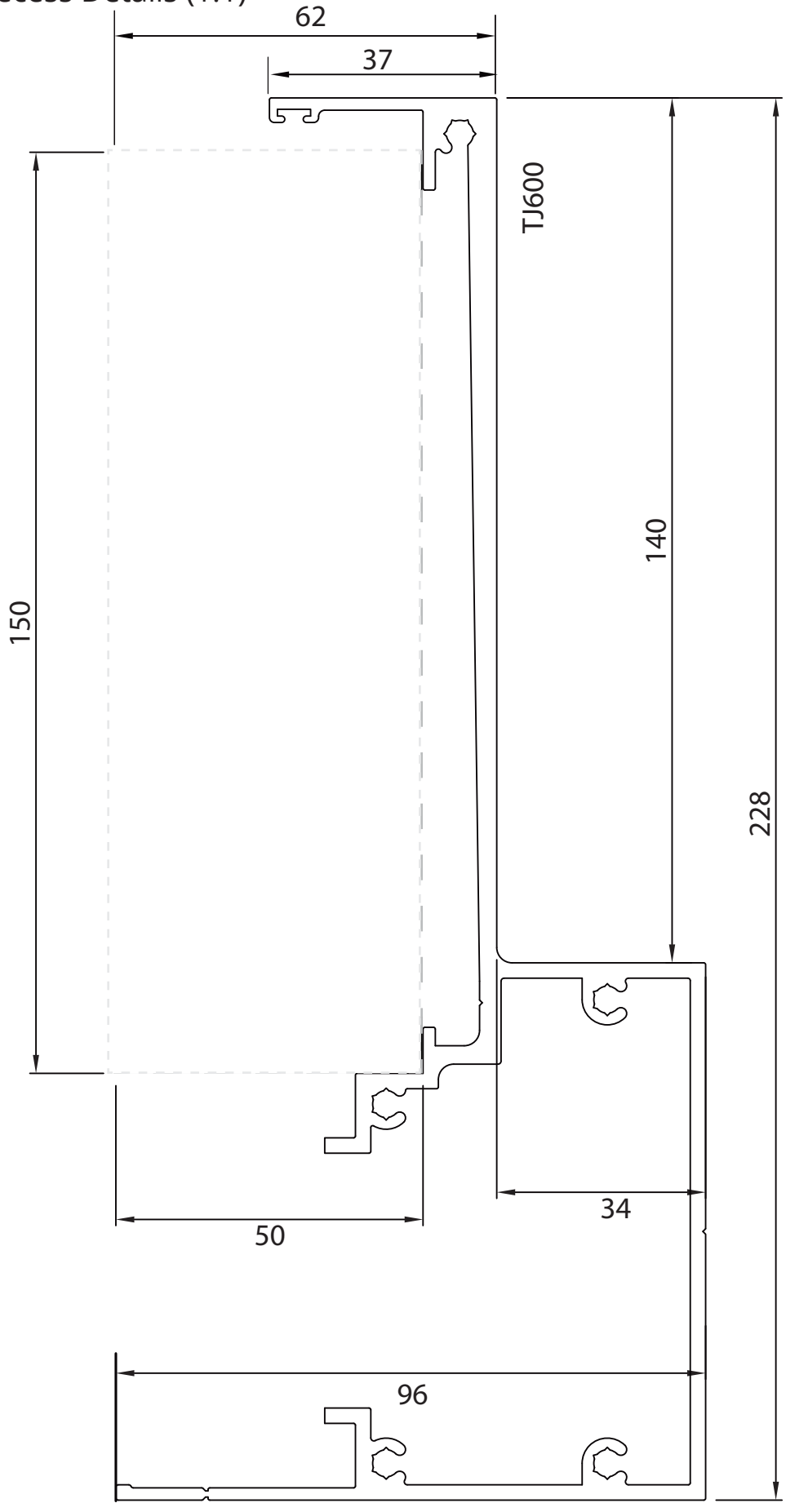
150mm Sump Sill



TJ600 Slab Recess Details (1:1)



Darley Aluminium

Darley Aluminium are long standing members of various industry associations including the Australian Glass & Window Association (AGWA) and the Window Energy Rating Scheme (WERS) and as such we conform to an Industry Code of Conduct designed to protect consumers.

Manufacturing Standards;

All aluminium extrusions supplied to by Darley Aluminium have been supplied in accordance with Australian Standard AS1866 – 'Aluminium and Aluminium alloy: Extruded rod, bar, solid and hollow shapes'. All Anodised and Painted Extrusions are as per AS1231 Aluminium and Aluminium Alloys – 'Anodic Oxidation Coatings' and AS3715 – 'Metal Finishing-Thermoset Powder Coatings for Architectural Applications of Aluminium and Aluminium Alloys'.

Product Testing and Compliance;

Darley Aluminium products are tested in NATA accredited independent laboratories to ensure they meet the relevant Australian Standards. Energy ratings can also be found on the Window Energy Rating Scheme (WERS) website: https://agwa.imiscloud.com/WERS/

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QUEENSLAND
29 Access Avenue, Yatala QLD 4207
Tel: (07) 3287 1888
Fax: (07) 3287 2088
saleqld@darleyaluminium.com.au

Warranty

Darley Aluminium, Door & Framing extrusions are warranted for a period of 6 years as per AS2047 requirements, unless otherwise specified. Powder coat and anodised finished can be warranted for extended periods subject to application. Warranty is subject to the following conditions:

- ☐ The product is installed in accordance with the relevant Building Codes practices and maintained as per the recommended Care & Maintenance.
- ☐ The product has not been subject to misuse, physical abuse or neglect.
- ☐ Claims under this warranty should be made within one month of defect arising in the product.
- ☐ A documented maintenance schedule is required to obtain extended warranty.

Care & Maintenance

- ☐ A gentle wash with a soft non-abrasive brush or cloth using a mild detergent followed by a fresh water rinse will maintain the long term performance of the powder coat or anodised finish.
- ☐ If paint splashes, sealants or other residue need to be removed, then methylated spirits or white spirits can be applied with a soft cloth and gentle wiping only.
- ☐ In rural or normal urban environments, cleaning should occur at least every 12 months.
- ☐ In areas of pollution, industrial or coastal areas back one kilometre from the water, cleaning should occur at least every 3 months.
- ☐ In hazardous locations such as beachfronts, severe marine environments or areas of high industrial pollution, the frequency of cleaning should be increased to monthly.
- ☐ Special maintenance may be required in some extended warranty applications.

Tracks Keep tracks free from obstruction and excessive dirt or water.

Guides and Spindles To be greased with good quality automotive grease every 6 months.

Rollers As per manufacturer's instructions.

Hinges, Hangers & Flush Bolts Visible surfaces should be cleaned using a damp cloth and mild detergent, then wiped dry. Apply a light application of non-corrosive preventative lubricant to all surfaces and internals, using a dry cloth to remove excess. Repeat at intervals no greater than 3 months.

Seals and PVC Product An occasional wipe with a damp cloth or a wash with warm soapy water is all that is required.

Glass Simply wipe over the surface with a few drops of methylated spirits on a damp cloth, then polish the surface with a dry, lint-free, non-abrasive cloth.

Ver 3: August 2023

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Release Notes

Darley Aluminium
Commercial Framing Servery Strut Window System

1.Technical Manual Release Notes

This page is intended to record all changes to the Servery Strut Window System technical manual pages. Changes or additions to this manual will be itemised with a brief description and date when the amendments were made. It is important that a copy of the page be issued with the update and inserted as the first page in the customers technical manual.

ISSUE	DATE	DESCRIPTION OF CHANGE	REFER TO SECTION

Darley Aluminium delivers complete, high-performance aluminium window, door and framing solutions for residential, commercial or architectural projects – combining Australian design, reliable supply, and expert support to make every project easier.

Window, Door and Framing

CityView™
Commercial Systems

High-performance commercial window, door and framing systems designed for flexibility, durability, and seamless integration into modern architectural projects.

KlassicView™
Residential Windows & Doors

Modern, versatile window and door systems that bring style, flexibility, and reliable performance to any home.

HarbourView™
Multi-fold Doors

Premium multi-fold door systems that deliver expansive openings, smooth operation, and architectural sophistication for high-end spaces.

ClimateGuard™
Thermally-broken Windows & Doors

Energy-efficient window and door systems designed to keep interiors comfortable while reducing heat transfer.

Security

ScreenGuard™
Stainless Steel Security

Advanced heavy-duty security screens that provide maximum protection without compromising visibility, airflow, or style.

PerfGuard™
Perforated Aluminium Mesh

Durable, corrosion-resistant aluminium screening that combines security, strength, and design versatility for any application.

Outdoor Screening and Enclosure

ScreenView™
Fly Screens & Fly Doors

Durable, all-weather enclosures that let you enjoy open-air living with protection from insects and the elements.

ScreenSmart™
Easy-to-install Screening

A sleek, easy-to-install screening solution that enhances privacy and style across any space.

What sets Darley Aluminium apart?

- **Complete Solutions –** Everything you need from system to support that simplifies specification, fabrication, and installation.
- **Australian Designed –** Built for local conditions and standards, delivering lasting quality and compliance.
- **Proven Reliability –** Trusted for over 30 years with a national distribution network delivering consistent supply and dependable service

DARLEY ALUMINIUM

Darley Aluminium understands how important it is to receive trusted solutions, quality products, and reliable supply. That's why we are committed to delivering high standards and friendly, dependable service you can rely on.

Contact your local Darley Aluminium distributor or fabricator today.

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