

Truth Awning / Casement System

TECHNICAL MANUAL



SLS - 2000Pa
ULS - 3200Pa



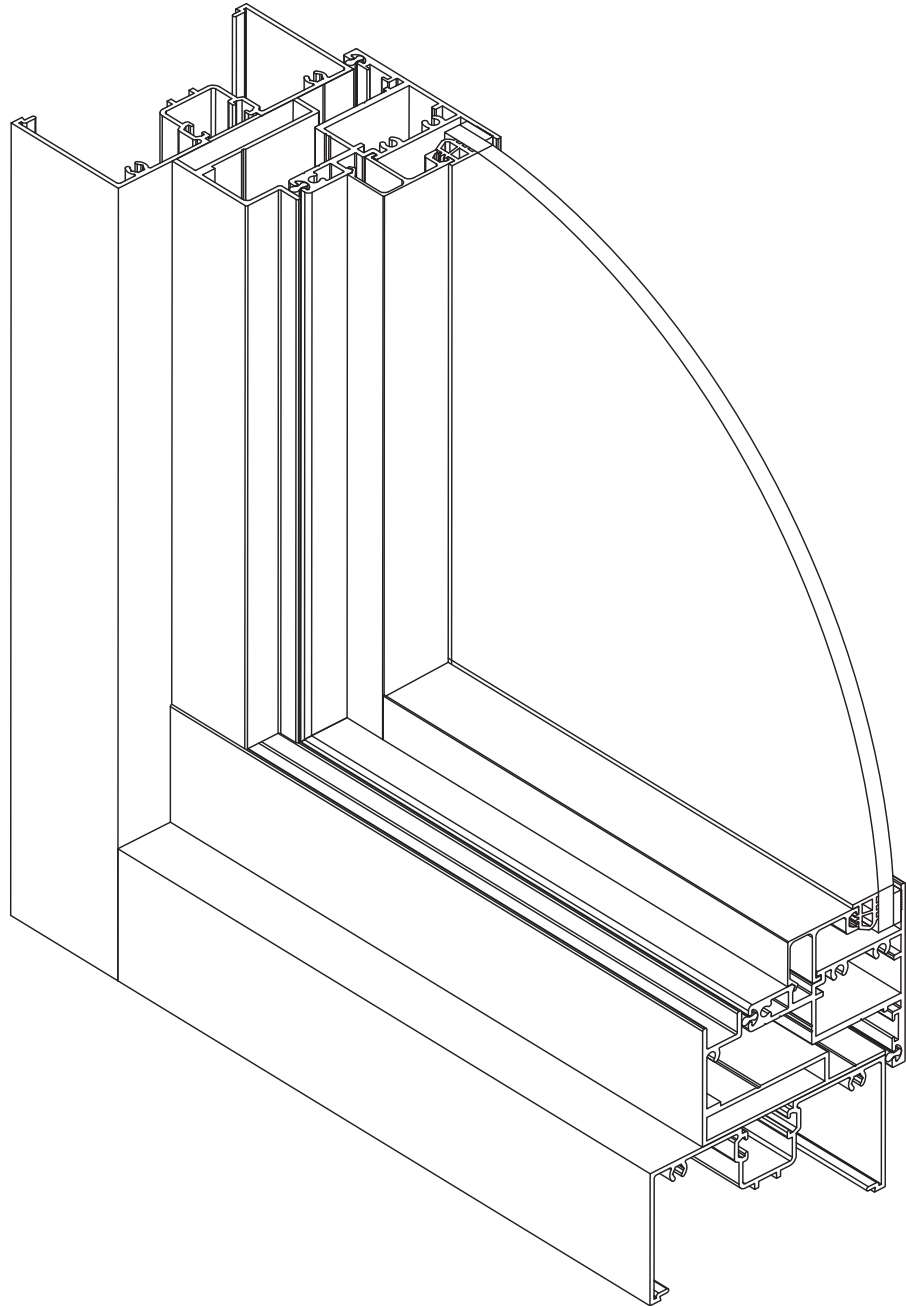
Air - 0.20L
Water - 600Pa



Acoustic - Rw 40
Estimate



Fire Rating Tested
- BAL 40



53mm

76mm

100mm

150mm

165mm

200mm

250mm



Max
30mm



Subsill
Draining



Transom
Draining



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 Occasionally, some errors or outdated information may require rectification - Darley Aluminium takes no responsibility for any loss or damage as a result of these errors.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.

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Welcome

Overview

Darley's Truth Awning and Casement System provides a high quality window solution with unique functioning operator, requiring less effort to operate than standard chainwinders. Featuring a clean, small housing and geared handle design, and the ability to include multi-point locking, the system provides a contemporary solution for awning and casement windows.

Darleys Truth Awning and Casement System eliminates interference with curtains and blinds, providing user-friendly operation. Furthermore, the system can be used for larger windows, perfect for current market trends.

Design Features

- Accepts glass thickness from 6mm to 30mm.
- Compatible with other Darley Aluminium Commercial and Residential Systems
- Compatible with a large suite of Darley mainframe options
- Less effort to use compared to chainwinders
- Max sash height 2200mm (awnings & casements)
- Max sash width 1300mm (awnings), 1000mm (casements)
- Max weight 136kg (awnings), 45kg (casements)
- Tested and Approved by an independent NATA accredited laboratory

Performance Summary

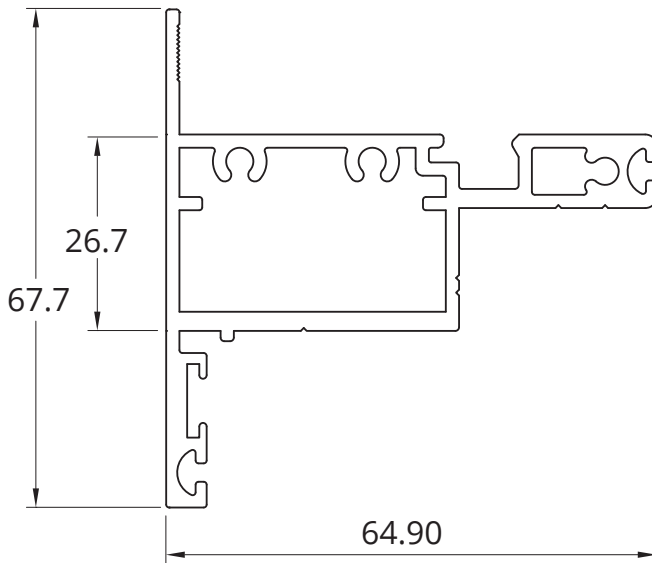
Performance Summary							
Sash Size	SLS	ULS	Water	Air Infiltration	Acoustic	BAL	Glass
Awning - 1200 x 2100mm H Casement - 900 x 2100mm H	2000pa	3500pa	600Pa	0.20L/s m ²	40 Rw	BAL40	Max 30mm

System Requirements

- Engineering, manufacture and installation of frames must meet requirements of:
 - AS2047-2014 (Windows and External Glazed Doors in Buildings)
- Glazing selected must meet requirements of AS1288:2021 (Glass in Buildings - Selection and Installation)

Sash & Mainframe Profiles

Scale 1:1

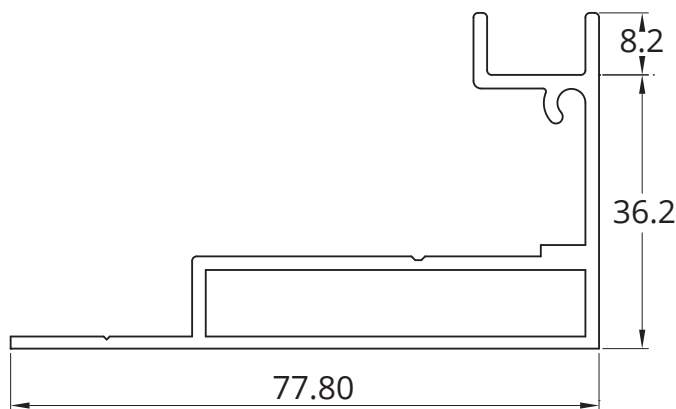
**TJ770**

HD Awning Sash

$$I_x = 117.1 \times 10^3 \text{ mm}^4$$

$$I_{yy}^{xx} = 257.05 \times 10^3 \text{ mm}^4$$

A.P. = 335 mm
P.P. = _ mm

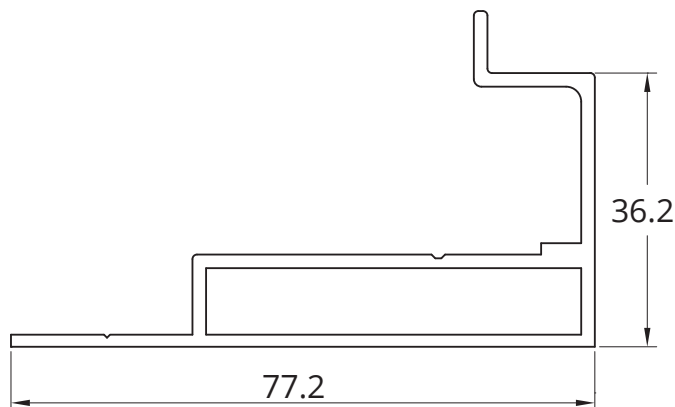
**TJ771**

Head and Sill Stop

$$I_x = 66.80 \times 10^3 \text{ mm}^4$$

$$I_{yy}^{xx} = 180.75 \times 10^3 \text{ mm}^4$$

A.P. = 296 mm
P.P. = _ mm

**TJ772**

Jamb Stop

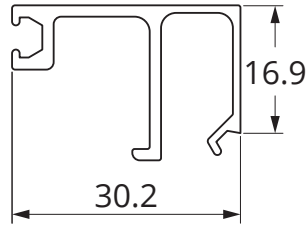
$$I_x = 51.3 \times 10^3 \text{ mm}^4$$

$$I_{yy}^{xx} = 165.06 \times 10^3 \text{ mm}^4$$

A.P. = 270 mm
P.P. = _ mm

Mainframe Profiles

Scale 1:1



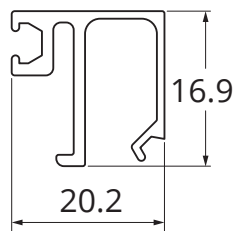
TJ714

HD Awning Bead
(suits 6-12mm glazing)

$$I_x = -x \times 10^3 \text{ mm}^4$$

$$I_{yy}^{xx} = -x \times 10^3 \text{ mm}^4$$

A.P. = 147 mm
P.P. = - mm



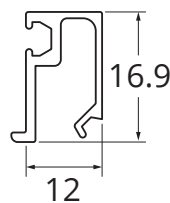
TJ716

Awning Glazing Bead
(suits 10-18mm Glass)

$$I_x = 5.03 \times 10^3 \text{ mm}^4$$

$$I_{yy}^{xx} = 2.64 \times 10^3 \text{ mm}^4$$

A.P. = 96 mm
P.P. = _ mm



TJ717

HD Awning DG Bead

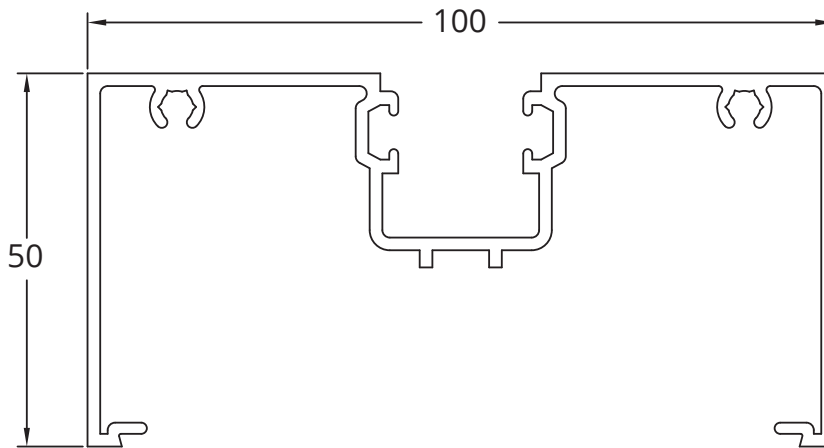
$$I_x = 0.68 \times 10^3 \text{ mm}^4$$

$$I_{yy}^{xx} = 3.03 \times 10^3 \text{ mm}^4$$

A.P. = 96 mm
P.P. = _ mm

Mainframe Profiles

Scale 1:1

**CSG301**

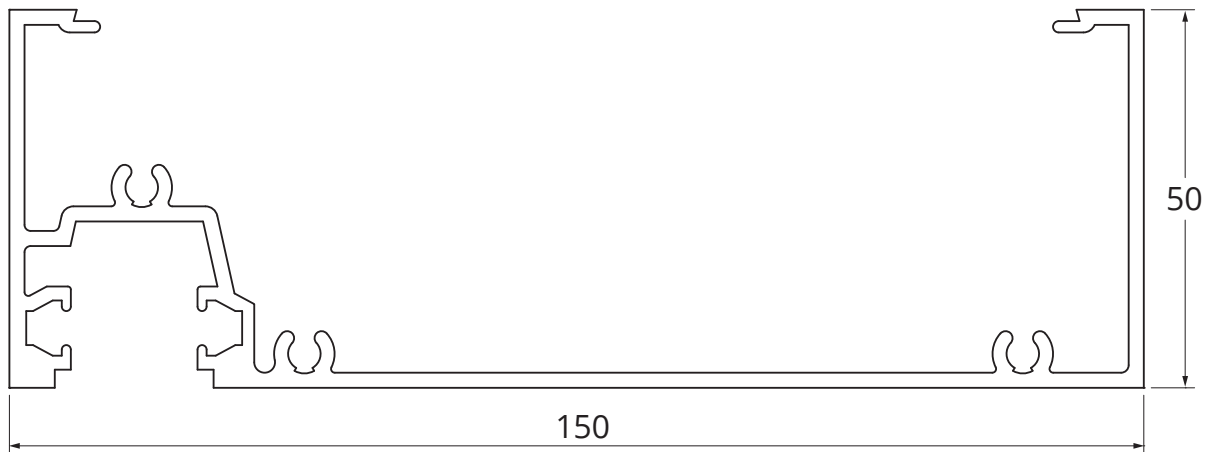
MainFrame

$$I_{xx} = 117.289 \times 10^3 \text{ mm}^4$$

$$I_{yy} = 658.839 \times 10^3 \text{ mm}^4$$

A.P. = 594 mm

P.P. = 188 mm

**FGS601**

Mainframe

$$I_{xx} = 172.4 \times 10^3 \text{ mm}^4$$

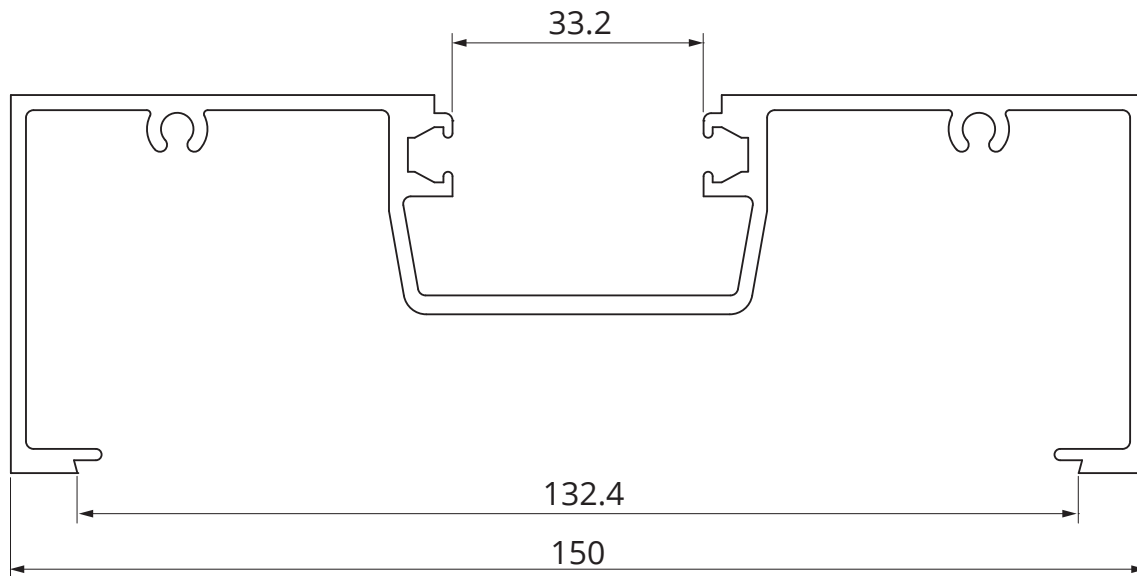
$$I_{yy} = 2273.9 \times 10^3 \text{ mm}^4$$

A.P. = 688 mm

P.P. = 247 mm

Mainframe Profiles

Scale 1:1



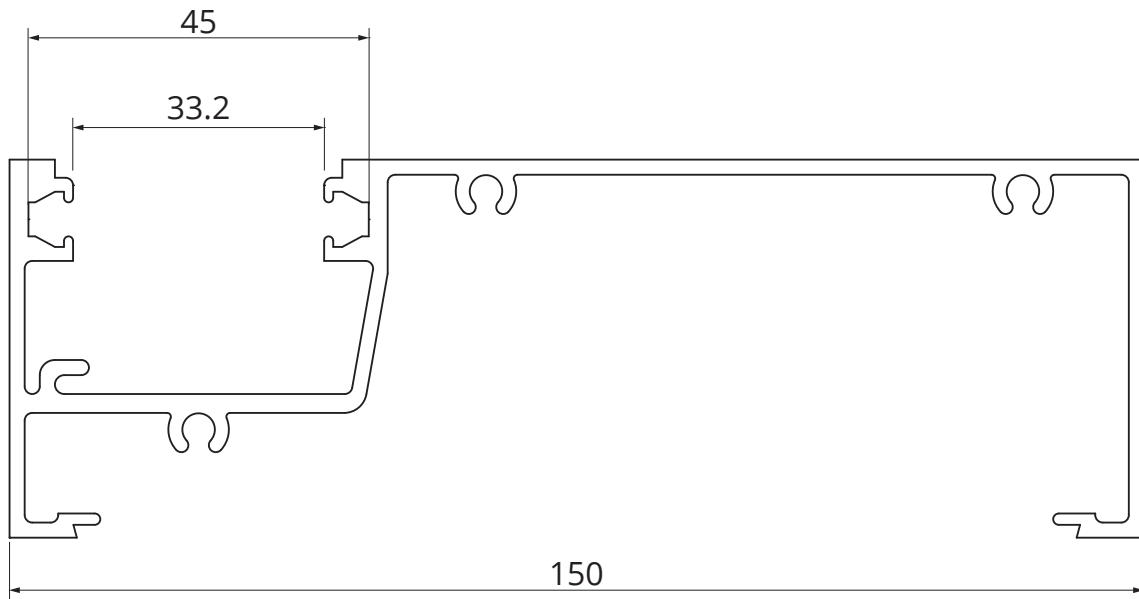
CDG6501

Mainframe

$$I_{xx} = 194.4 \times 10^3 \text{ mm}^4$$
$$I_{yy} = 2088.5 \times 10^3 \text{ mm}^4$$

A.P. = 721 mm

P.P. = 230 mm



DGF6561

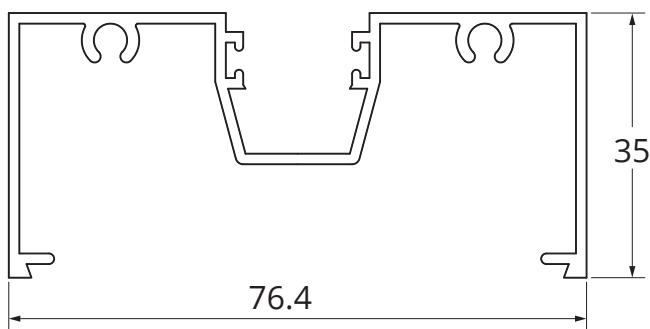
Mainframe

$$I_{xx} = 206 \times 10^3 \text{ mm}^4$$

$$I_{yy} = 2303.3 \times 10^3 \text{ mm}^4$$

$$\text{A.P.} = 715 \text{ mm}$$

$$\text{P.P.} = 230 \text{ mm}$$



TJ701

76mm Centre SG Frame

$$I_{xx} = 35.742 \times 10^3 \text{ mm}^4$$

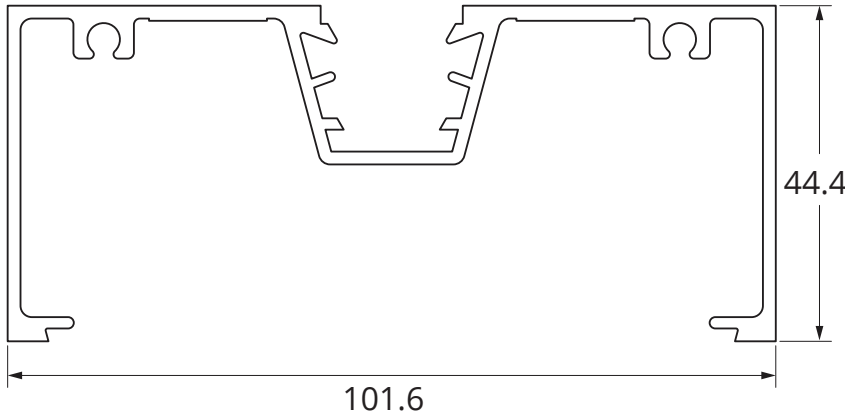
$$I_{yy} = 232.655 \times 10^3 \text{ mm}^4$$

$$\text{A.P.} = 437 \text{ mm}$$

$$\text{P.P.} = 143 \text{ mm}$$

Mainframe Profiles

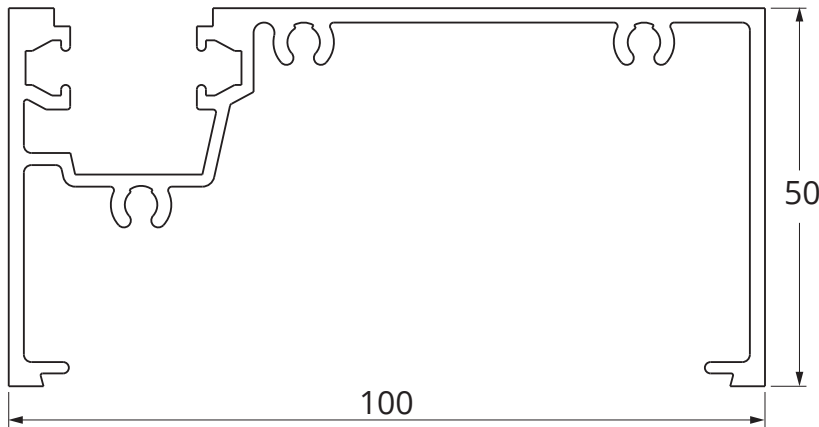
Scale 1:1



TJ301

Standard Main Frame

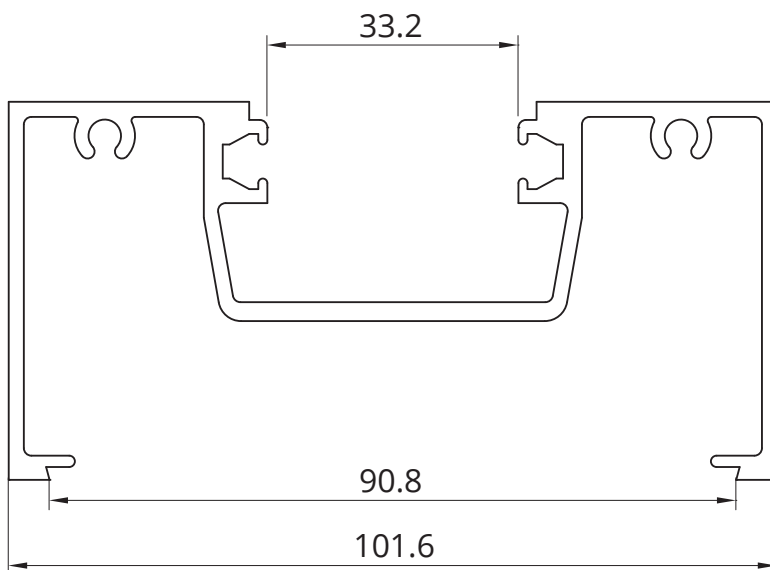
$I_{xx} = 98.29 \times 10^3 \text{ mm}^4$
 $I_{yy} = 677.94 \times 10^3 \text{ mm}^4$
 A.P. = 541 mm
 P.P. = - mm



FGS401

Mainframe

$I_{xx} = 148.8 \times 10^3 \text{ mm}^4$
 $I_{yy} = 835.4 \times 10^3 \text{ mm}^4$
 A.P. = 589 mm
 P.P. = 198 mm



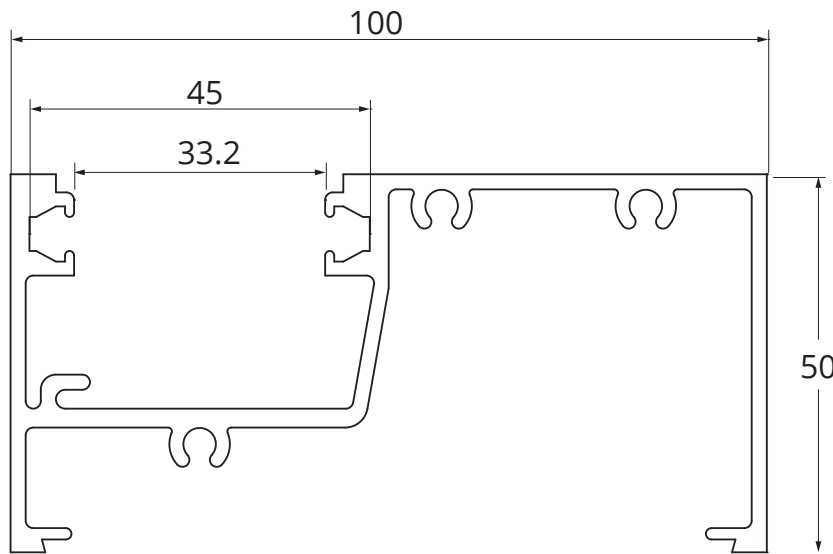
CDG4301

Mainframe

$I_{xx} = 148.8 \times 10^3 \text{ mm}^4$
 $I_{yy} = 880.4 \times 10^3 \text{ mm}^4$
 A.P. = 611 mm
 P.P. = 174 mm

Mainframe Profiles

Scale 1:1

**DGF4501**

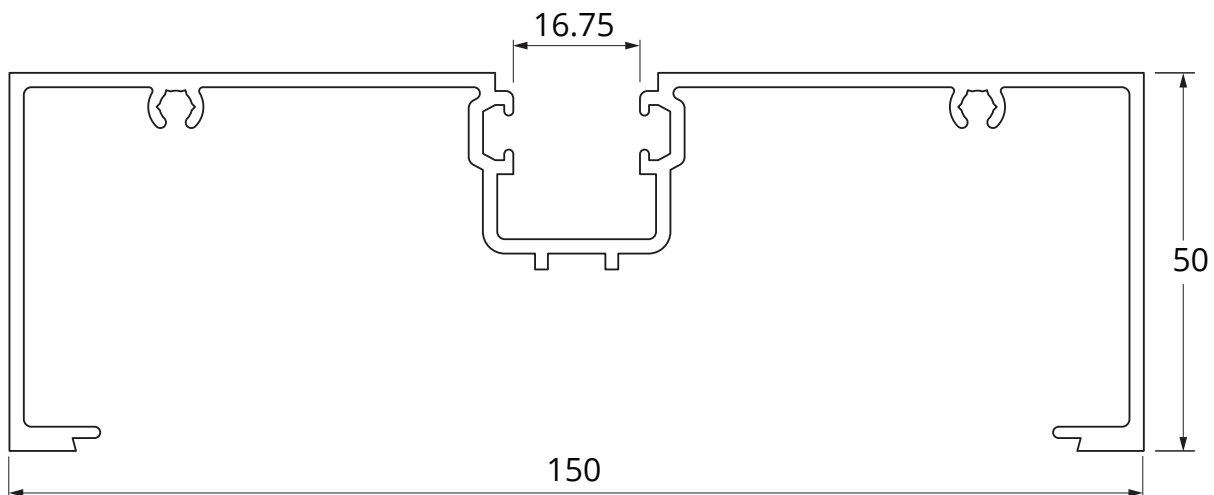
Mainframe

$$I_{xx} = 160.2 \times 10^3 \text{ mm}^4$$

$$I_{yy} = 852.9 \times 10^3 \text{ mm}^4$$

$$\text{A.P.} = 595 \text{ mm}$$

$$\text{P.P.} = 171 \text{ mm}$$

**CSG601**

MainFrame

$$I_{xx} = 117.112 \times 10^3 \text{ mm}^4$$

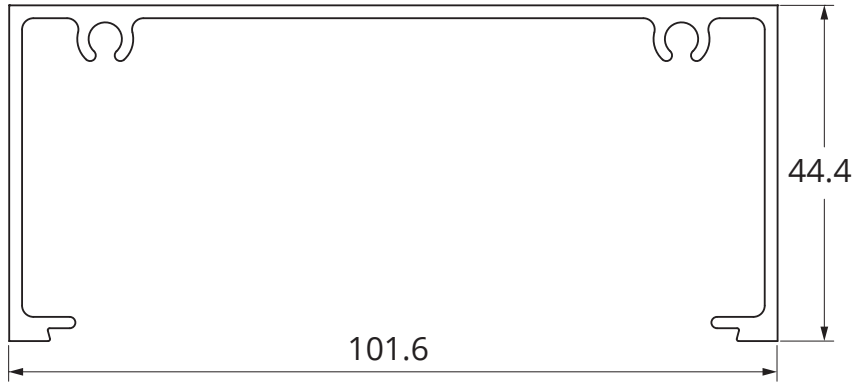
$$I_{yy} = 1908.611 \times 10^3 \text{ mm}^4$$

$$\text{A.P.} = 701 \text{ mm}$$

$$\text{P.P.} = 246 \text{ mm}$$

Additional Profiles

Scale 1:1

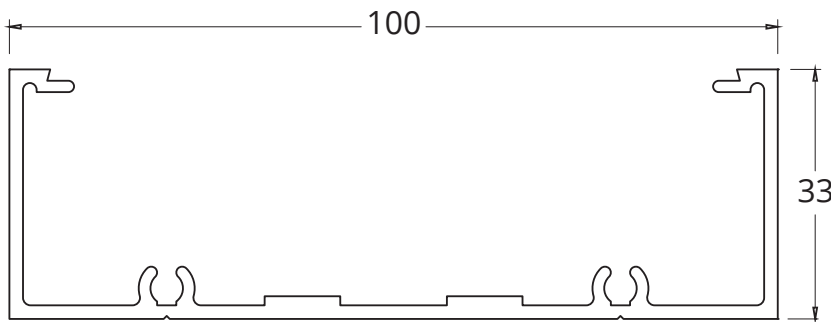


TJ367

101.6mm Plain Frame

$I_{xx} = 95.43 \times 10^3 \text{ mm}^4$
 $I_{yy} = 65.04 \times 10^3 \text{ mm}^4$

A.P. = 439 mm
 P.P. = _ mm

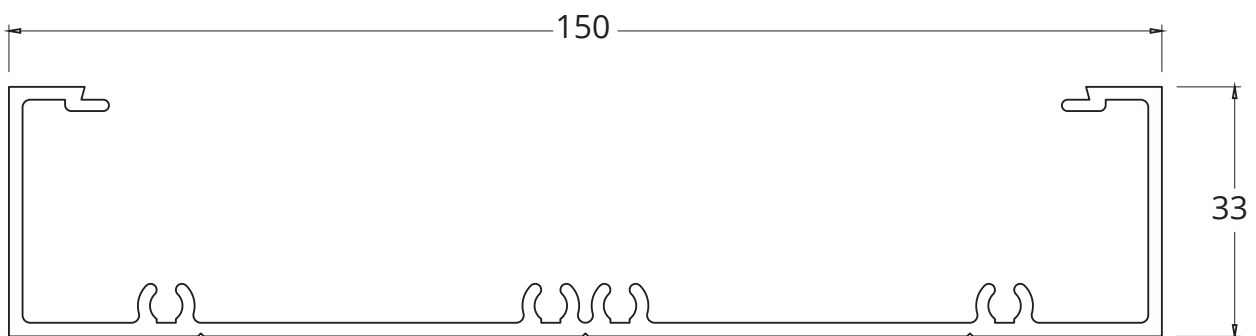


SD100

101.6mm Plain Frame

$I_{xx} = 44.048 \times 10^3 \text{ mm}^4$
 $I_{yy} = 529.647 \times 10^3 \text{ mm}^4$

A.P. = 403 mm
 P.P. = 180 mm



SD150

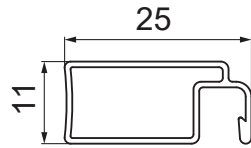
150mm Plain Frame

$I_{xx} = 58.719 \times 10^3 \text{ mm}^4$
 $I_{yy} = 1494.679 \times 10^3 \text{ mm}^4$

A.P. = 557 mm
 P.P. = 240 mm

Flyscreening Profiles

Scale 1:1

**HFF180**

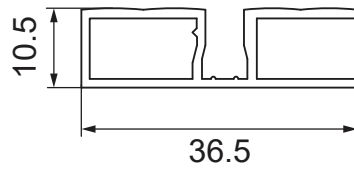
11 mm Flyscreen Frame

$$I_{xx} = 0.956 \times 10^3 \text{ mm}^4$$

$$I_{yy} = 3.758 \times 10^3 \text{ mm}^4$$

A.P. = 85 mm

P.P. = 100 mm

**WF001**

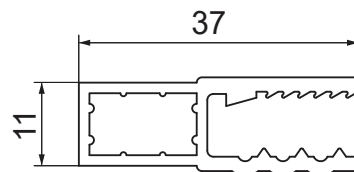
Standard Security Screen Frame

$$I_{xx} = - \times 10^3 \text{ mm}^4$$

$$I_{yy} = - \times 10^3 \text{ mm}^4$$

A.P. = 140 mm

P.P. = 100 mm

**AU01002**

Screenguard Frame

$$I_{xx} = 3.752 \times 10^3 \text{ mm}^4$$

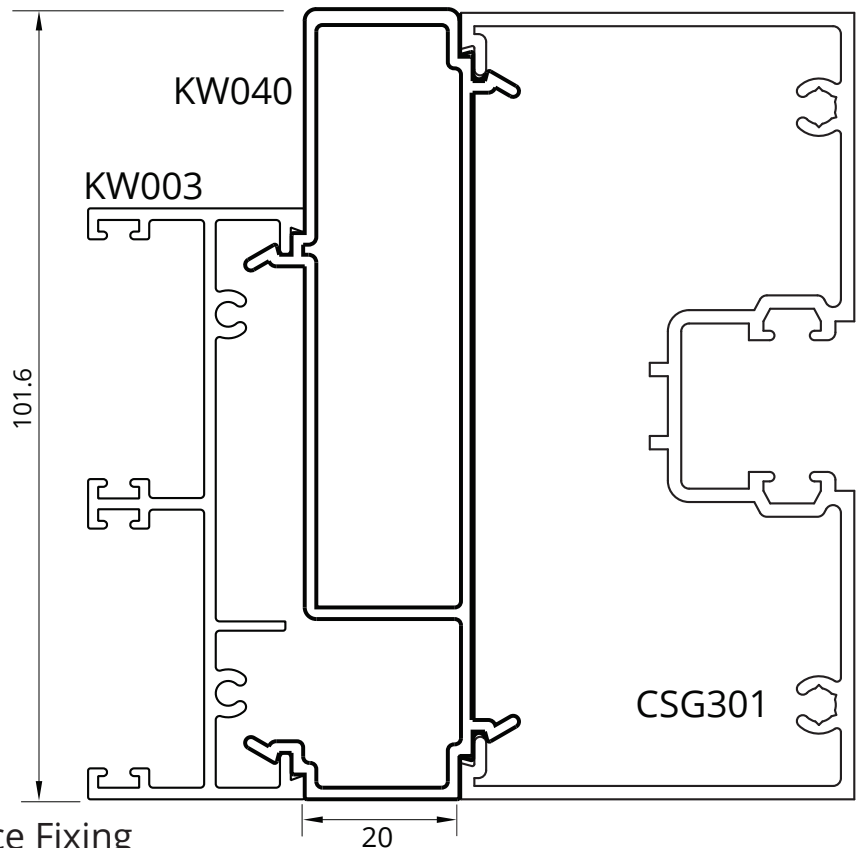
$$I_{yy} = 19.202 \times 10^3 \text{ mm}^4$$

A.P. = 152 mm

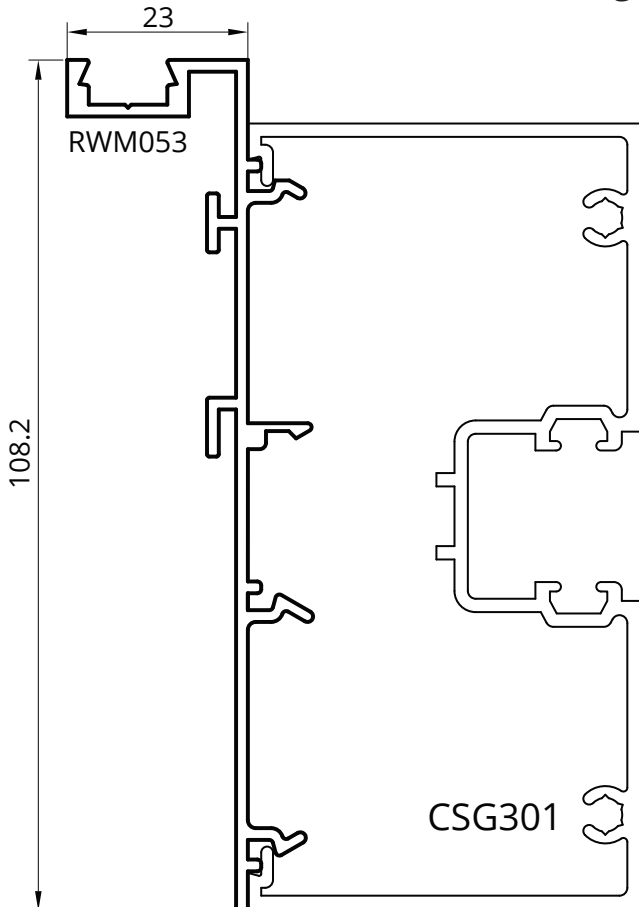
P.P. = 100 mm

CityView 100mm Adaptors

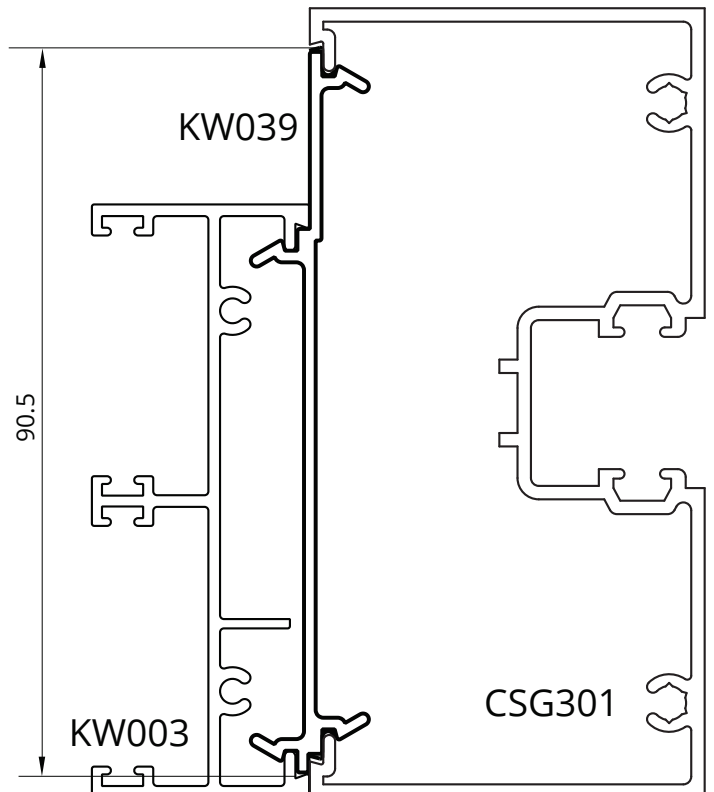
KW040 76mm to 100mm Box Joiner

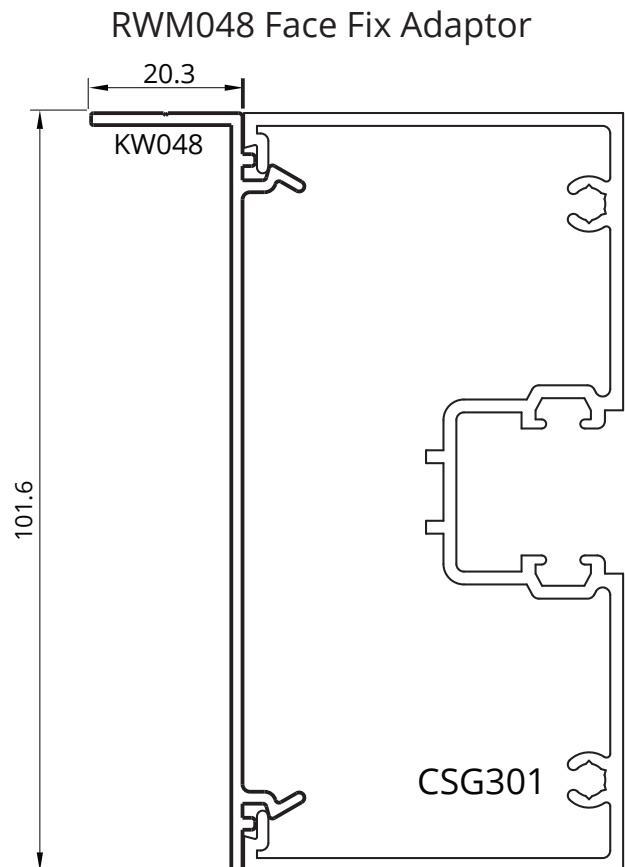
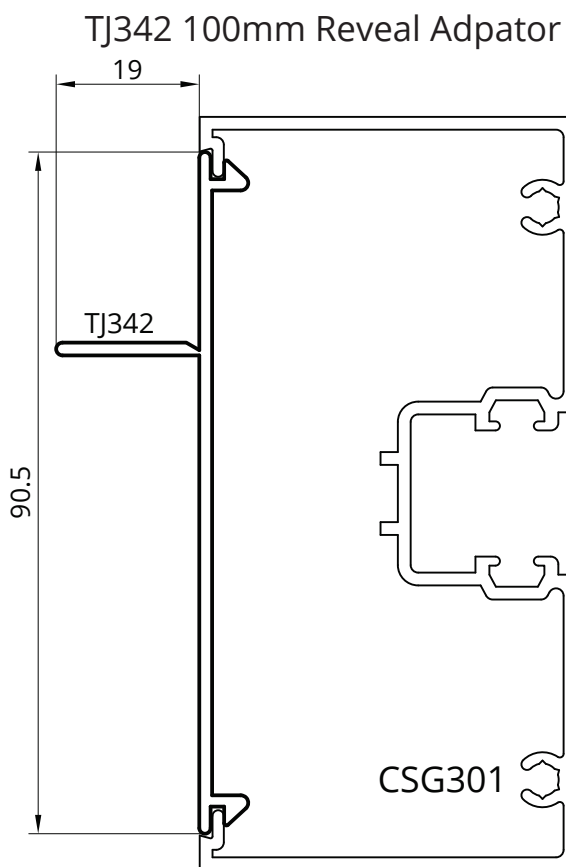
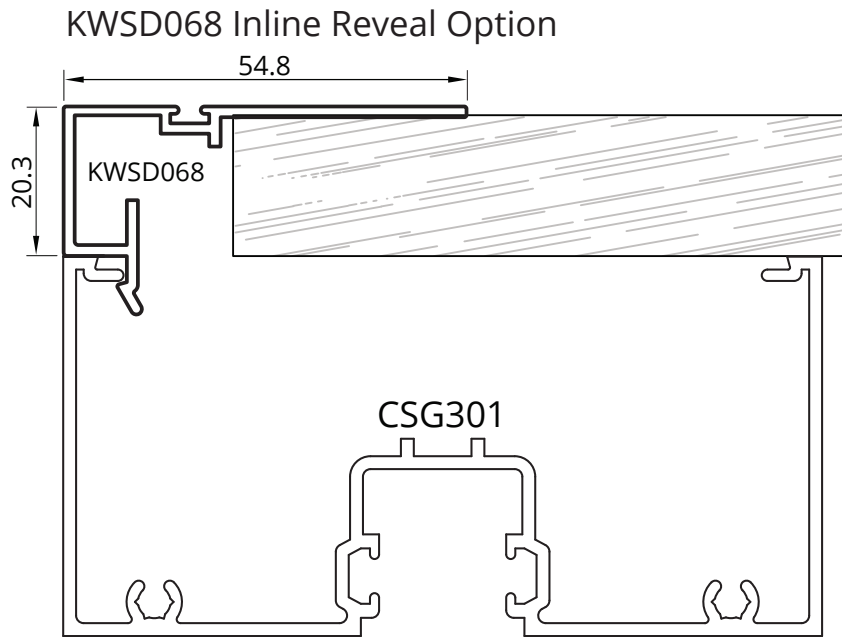


RWM053 Concealed Face Fixing

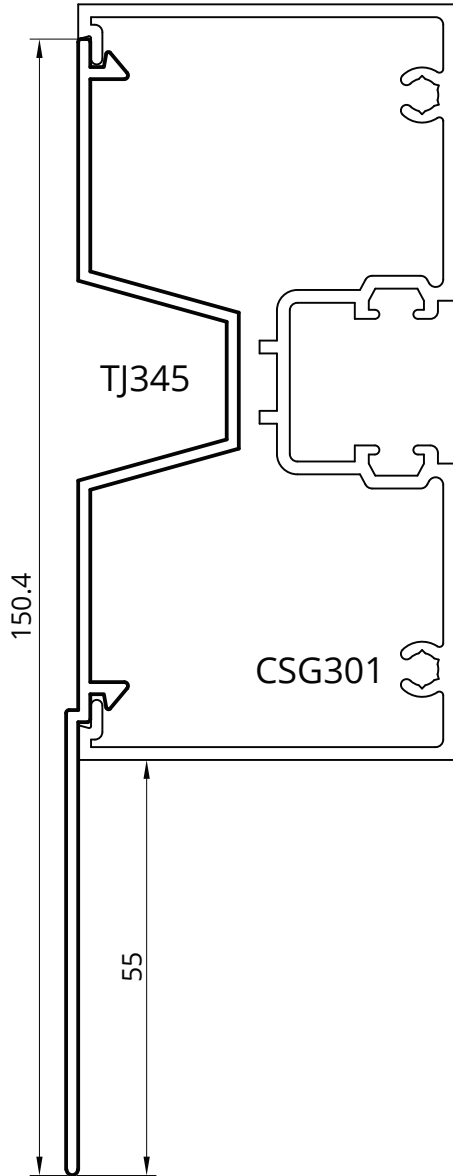


KW039 76mm to 100mm Flat Joiner

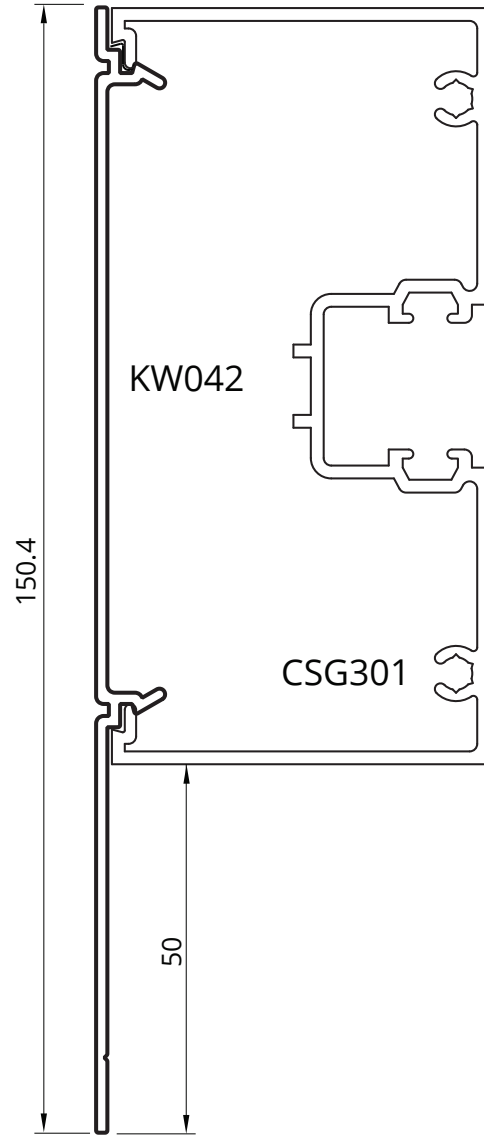




TJ345 100mm Fixing Plate



KW042 100mm Fixing Plate



Small Parts

	Code	Description	U.O.M	BOX QTY.
	1080**	Whitco Mk8 Non-Locking Chainwinder - Standard **Specify finish: Black: 1080-BL, Primrose: 1080-PR, White: 1080-WH	Each	10
	1082	Whitco Mk8 Non-Locking Chainwinder - Black Non Corrosive	Each	10
	1090	Whitco Mk8 Locking Chainwinder - K/N 32381 - Standard **Specify finish: Black: 1090-BL, Primrose: 1090-PR, White: 1090-WH, Silver: 1090-SCA	Each	10
	1092	Locking Chainwinder - Black K/N 32381 - Non-corrosive **Specify finish: Black: 1092-BL, Primrose: 1092-PR, White: 1092-WH, Silver: 1092-SCA	Each	NA
	1227-BL	Locking Chainwinder - Black stainless steel chain - Keyed 92608	Each	
	1227-WH	Locking Chainwinder - Black stainless steel chain - Keyed 92608	Each	
	1229-BL	Locking Twin Chainwinder - Black stainless steel chain	Each	
	1229-WH	Locking Twin Chainwinder - White stainless steel chain	Each	
	1098-SQ	Chain Length Restriction Plug - Works with 1080, 1082, 1090, 1092	Bag	10
	1099	Chainwinder Bracket - Black - Height = 20mm	Each	20
	1240	Awning Handle - Wedgeless - Right Hand - Black Non-Locking	Each	10












Small Parts

	Code	Description	U.O.M	BOX QTY.
	21001/ AWNKIT3SS	Awning Operator Kit #3 - Stainless Steel For Sashes 901-1050mm High - 53kg MAX	Set	N/A
	21001/ AWNKIT4SS	Awning Operator Kit #4 - Stainless Steel For Sashes 1051-1200mm High - 58kg MAX	Set	N/A
	21001/ AWNKIT5SS	Awning Operator Kit #5 - Stainless Steel For Sashes 1201-1600mm High - 80kg	Set	N/A
	21001/ AWNKIT6SS	Awning Operator Kit #6 - Stainless Steel For Sashes 1601-2100mm High - 136kg MAX	Set	N/A
	21002/CASK- T1LSS	Casement Operator Kit #1 - LH SS For Sashes 450-600mm Wide L/H Open	Set	N/A
	21002/CASK- T1RSS	Casement Operator Kit #1 - RH SS For Sashes 450-600mm Wide R/H Open	Set	N/A
	21002/CASK- T2LSS	Casement Operator Kit #2 - LH SS For Sashes 651-1000mm Wide L/H Open	Set	N/A
	21002/CASK- T2RSS	Casement Operator Kit #2 - RH SS For Sashes 651-1000mm Wide R/H Open	Set	N/A
	21003/ CVHANLSIL	Tango Cover & Handle LH - Alum Encore	Set	N/A
	21003/ CVHANLCLK	Tango Cover & Handle LH - Black Encore	Set	N/A
	21003/ CVHANLWH	Tango Cover & Handle LH - White Encore	Set	N/A

Small Parts

	Code	Description	U.O.M	BOX QTY.
	21004/ CVHANRSIL	Tango Cover & Handle RH - Alum Encore	Set	N/A
	21004/ CVHANRBLK	Tango Cover & Handle RH - Black Encore	Set	N/A
	21004/ CVHANRWH	Tango Cover & Handle RH - White Encore	Set	N/A
	21005/KEY- CVLSIL	Key Lock Cover & Handle LH - Alum - NO Cylinder	Set	N/A
	21005/KEY- CVLBLK	Key Lock Cover & Handle LH - Black - NO Cylinder	Set	N/A
	21005/KEY- CVLWH	Key Lock Cover & Handle LH - White - NO Cylinder	Set	N/A
	21006/KEY- CVR SIL	Key Lock Cover & Handle RH - Alum - NO Cylinder	Set	N/A
	21006/KEY- CVRBLK	Key Lock Cover & Handle RH - Black - NO Cylinder	Set	N/A
	21006/KEY- CVRWH	Key Lock Cover & Handle RH - White - NO Cylinder	Set	N/A
	21007/WF- CYL	FSA Wafer Cyl K/N:32304 with Exchange Barrel for Encore Locking (1 per Cover)	Each	N/A
	21011/SPKTSS	Single Point Locking Kit	Set	N/A








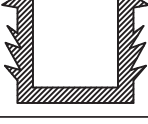
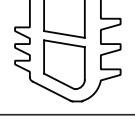

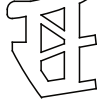
Small Parts

	Code	Description	U.O.M	BOX QTY.
	21011/SPLHN-SIL	Single Point Lock Handle for Awning Sashes up to 700mm High (Silver)	Set	N/A
	21011/SPLHN-BLK	Single Point Lock Handle for Awning Sashes up to 700mm High (Black)	Set	N/A
	21011/SPLHN-WH	Single Point Lock Handle for Awning Sashes up to 700mm High (White)	Set	N/A
	21008/MPTK-T1LSS	Multipoint Lock Kit #1 LH Stainless Steel For Awning Sashes 1201-2100mm High	Set	N/A
	21008/MPTK-T2LSS	Multipoint Lock Kit #2 LH Stainless Steel For Casement Sashes 1201-1500mm High	Set	N/A
	21008/MPTK-T2RSS	Multipoint Lock Kit #2 RH Stainless Steel For Casement Sashes 1201-1500mm High	Set	N/A
	21008/MPTK-T3LSS	Multipoint Lock Kit #3 LH Stainless Steel For Casement Sashes 1501-1600mm High	Set	N/A
	21008/MPTK-T3RSS	Multipoint Lock Kit #3 RH Stainless Steel For Casement Sashes 1501-1600mm High	Set	N/A
	21008/MPTK-T4LSS	Multipoint Lock Kit #4 LH Stainless Steel For Casement Sashes 1601-1700mm High	Set	N/A
	21008/MPTK-T4RSS	Multipoint Lock Kit #4 RH Stainless Steel For Casement Sashes 1601-1700mm High	Set	N/A
	21008/MPTK-T5LSS	Multipoint Lock Kit #5 LH Stainless Steel For Casement Sashes 1701-1800mm High	Set	N/A


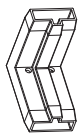
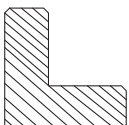

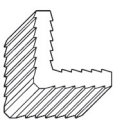
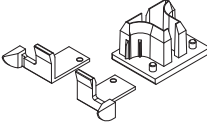

Small Parts

	Code	Description	U.O.M	BOX QTY.
	21008/MPTK-T5RSS	Multipoint Lock Kit #5 RH Stainless Steel For Casement Sashes 1701-1800mm High	Set	N/A
	21008/MPTK-T6LSS	Multipoint Lock Kit #6 LH Stainless Steel For Casement Sashes 1801-1900mm High	Set	N/A
	21008/MPTK-T6RSS	Multipoint Lock Kit #6 RH Stainless Steel For Casement Sashes 1801-1900mm High	Set	N/A
	21008/MPTK-T7LSS	Multipoint Lock Kit #7 LH Stainless Steel For Casement Sashes 1901-2350mm High	Set	N/A
	21008/MPTK-T7RSS	Multipoint Lock Kit #7 RH Stainless Steel For Casement Sashes 1901-2350mm High	Set	N/A
	21010/MPTLHNSIL	Multipoint Locking Handle - Alum Maxim (with Gasket)	Set	N/A
	21010/MPTLHNBK	Multipoint Locking Handle - Black Maxim (with Gasket)	Set	N/A
	21010/MPTLHNWH	Multipoint Locking Handle - White Maxim (with Gasket)	Set	N/A
	1450	Glazing Tape - D/Sided Black PVC - 1.6mm x 12mm - 50m Roll	Roll	20
	1451	Glazing Tape - D/Sided Black PVC - 3.2mm x 12mm - 25m Roll	Roll	20
	1452	Glazing Tape - D/Sided Black PVC - 4.8mm x 12mm - 15.2m Roll	Roll	20

Small Parts

	Code	Description	U.O.M	BOX QTY.
	1453A	Glazing Tape - D/Sided Black PVC - 6.4mm x 12mm - 15.2m Roll	Roll	18
	1600	Bulb Seal PVC - 250m Roll	Roll	1
	1601	Bulb Seal Co-Extruded - 100m Roll	Roll	N/A
	2641	Qlon - Push in - 400m Roll Suits: TJ741	Roll	N/A
	1615	Glazing Wedge PVC - 200m Roll	Roll	1
	1620	Glazing Wedge PVC - 200m Roll	Roll	1
	1630	Glazing Wedge PVC - 200m Roll	Roll	1
	1605	Glazing Channel to Suit 6mm Awning Window - 200m Roll Suits: TJ738/739	Roll	N/A
	1931	Glazing Wedge - 100m Roll	Roll	1
	1623	Glazing Wedge - 100m Roll	Roll	1
	1933	Glazing Wedge - 125m Roll	Roll	1

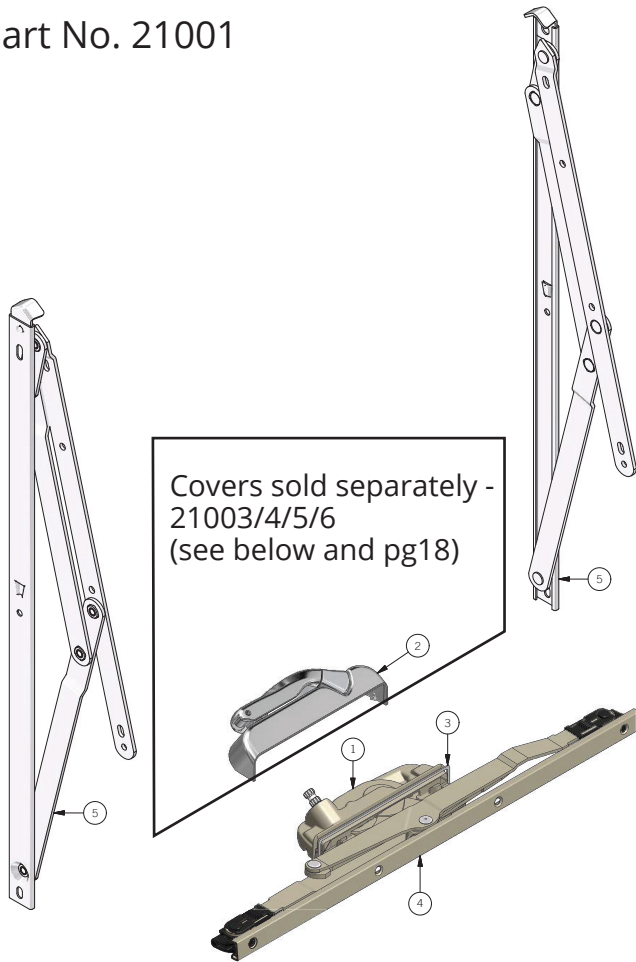
Small Parts

	Code	Description	U.O.M	BOX QTY.
	1851	35mm Corner Stake for Awning Sash Suits: TJ722/723/724/725/726/729	Each	100
	1854	35mm Corner Stake for Sash - Suitable for Crimping Suits: TJ722/723	Each	100
	1863	50mm Plastic Corner Stake for TJ741/770 - (left & right handed)	Bag	20
	1864	50mm Sash Corner Plate	Bag	100
	5002	Corner Stake	Each	100
	1855	50mm Metal Corner Stake for TJ741/770	Bag	20
	1859	Hook Awning Sash Safety Guide and Chainwinder box end cap	10 pairs p/ bag	N/A
	BDX-CV-CS- G/H/AW	CSG Frame / Hinged / Hook Awning Hydraulic Tool		

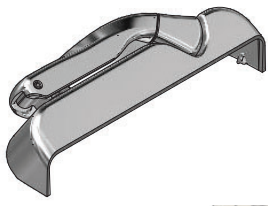
Awning Operator Hardware

Awning Operator Kit (1-6)

Part No. 21001



1. Encore Awning Operator
2. Aluminium Handle Cover (Non Locking)
OR
- 2a. Aluminium Handle Cover (Locking)
3. Operator Gasket
4. Awning Track and Slide
5. HD 4Bar Awn Stay
+ (Flyscren Blocks)



(2) Aluminium Handle Cover
Non Locking
Part No. Left Handed 21003
Right Handed 21004



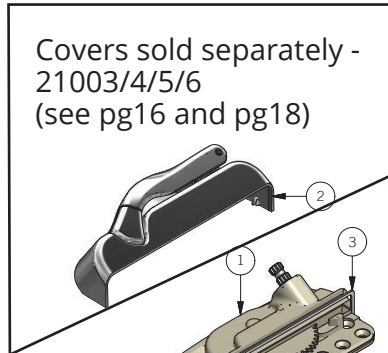
(2a) Aluminium Handle Cover
- Key Locking
Part No. Left Handed 21005
Right Handed 21006



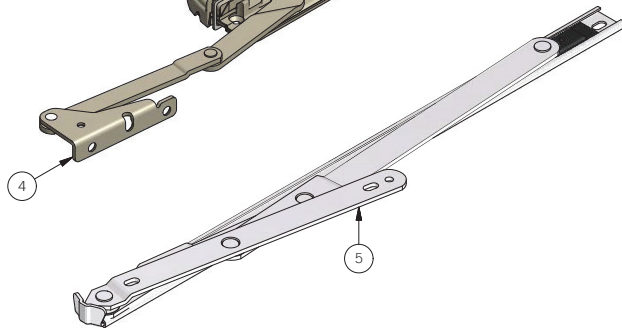
Truth Wafer Cylinder
Part No. 21007

Casement Operator Hardware

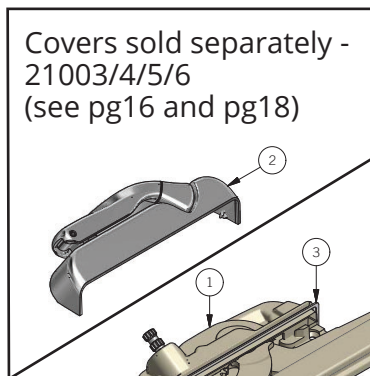
Casement Operator Kit 1 Part No. 21002



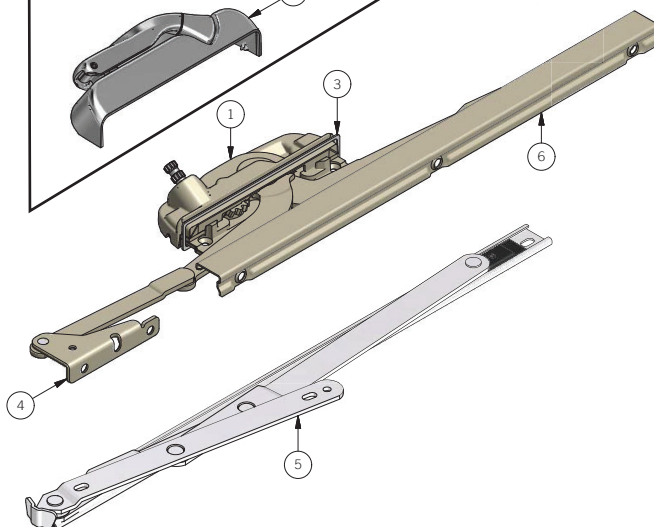
1. Encore Dyad Casement Operator
2. Aluminium Handle Cover (Non Locking)
OR
2a. Aluminium Handle Cover (Locking)
3. Operator Gasket
4. Operator Bracket
5. 34 Series Casement Stays



Casement Operator Kit 2 Part No. 21002



1. Encore Dual Arm Casement Operator
2. Aluminium Handle Cover (Non Locking)
OR
2a. Aluminium Handle Cover (Locking)
3. Operator Gasket
4. Operator Bracket
5. 34 Series Casement Stays
6. Track and Slide



Operator Hardware Selection

Awning Stainless Steel Kits	
Darley Code	Description
21001/AWNKIT1SS	Awning Operator Kit #1 - Stainless Steel For Sashes 500-700mm High - 26kg MAX
21001/AWNKIT2SS	Awning Operator Kit #2 - Stainless Steel For Sashes 701-900mm High - 45Kg MAX
21001/AWNKIT3SS	Awning Operator Kit #3 - Stainless Steel For Sashes 901-1050m High - 53Kg MAX
21001/AWNKIT4SS	Awning Operator Kit #4 - Stainless Steel For Sashes 1051-1200mm High - 58kg MAX
21001/AWNKIT5SS	Awning Operator Kit #5 - Stainless Steel For Sashes 1201 - 1600mm High - 80kg MAX
21001/AWNKIT6SS	Awning Operator Kit #6 - Stainless Steel For Sashes 1601-2100mm High - 136kg MAX

Casement Stainless Steel Kits	
Darley Code	Description
21002/CASKT1LSS	Casement Operator Kit #1 - LH SS For Sashes 450-600mm Wide L/H Open
21002/CASKT2LSS	Casement Operator Kit #2 - LH SS For Sashes 651-1000mm Wide L/H Open
21002/CASKT1RSS	Casement Operator Kit #1 - RH SS For Sashes 450-600mm Wide R/H Open
21002/CASKT2RSS	Casement Operator Kit #2 - RH SS For Sashes 651-1000mm Wide R/H Open

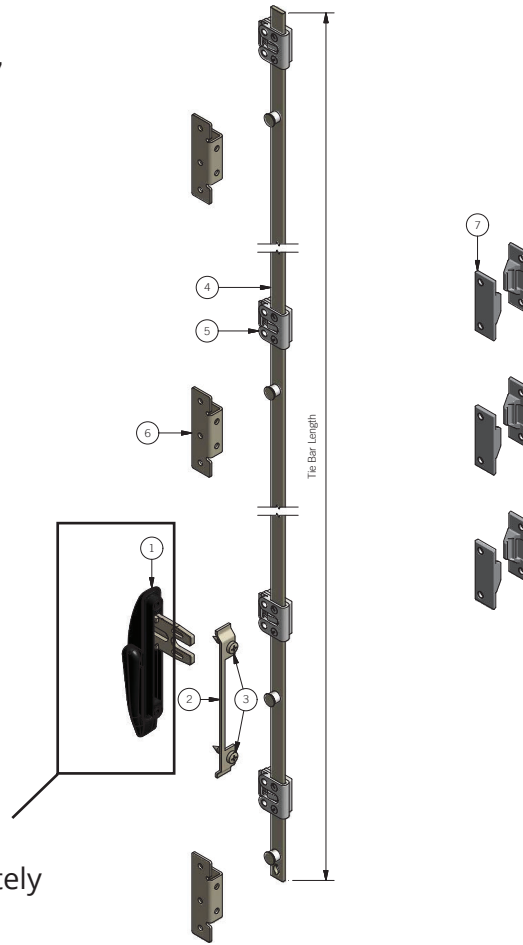
Handle / Cover For Operator Only	
Darley Code	Description
21003/CVHANLSIL	Tango Cover & Handle LH - Alum Encore
21003/CVHANLBLK	Tango Cover & Handle LH - Blck Encore
21003/CVHANLWH	Tango Cover & Handle LH - Wht Encore
21004/CVHANRSIL	Tango Cover & Handle RH - Alum Encore
21004CVHANRBLK	Tango Cover & Handle RH - Blck Encore
21004/CVHANRWH	Tango Cover & Handle RH - Wht Encore
21005/KEYCVLSIL	Key Lock Cvr & Hdle LH - Alum NO Cylinder
21005/KEYCVLBLK	Key Lock Cvr & Hdle LH - Blck NO Cylinder
21005/KEYCVLWH	Key Lock Cvr & Hdle LH - Whte NO Cylinder
21006/KEYCVRSIL	Key Lock Cvr & Hdle RH - Alum NO Cylinder
21006/KEYCVRBLK	Key Lock Cvr & Hdle RH - Blck NO Cylinder
21006/KEYCVRWH	Key Lock Cvr & Hdle RH - Whte NO Cylinder
21007/WFCYL	FSA Wafer Cyl K/N:32304 wth Exchange Barrel for Encore Locking (1 per Cover)

Locking Kits

Multi-Point Locking Kit 1-7

Part No. 21008

1. Maxim Lock (Part No. 21010)
2. Support Plate
3. Screws
4. Tie Bar
5. Tie Bar Guide
6. Lock Keep
7. Snubbers (Kit 2-7)

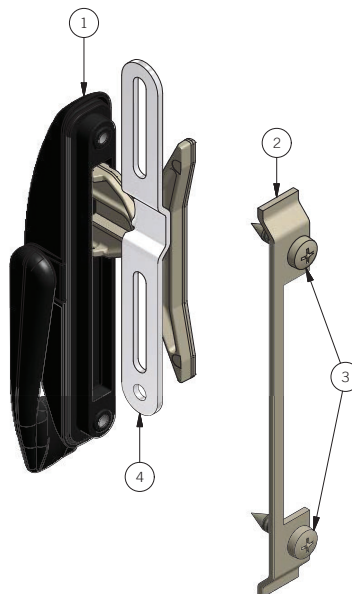


Handle sold separately
(Code 21010)

Single Point Locking Kit

Part No. 21011

1. Maxim Lock (Part No. (21011/ SPLHN)
2. Support Plate
3. Screws
4. Stainless Steel Keep



Locking Kit Selection

Singlepoint Locking Stainless Steel Kits		
Darley Code		Description
21011/SPKTSS	21011/SPLHNSIL	Singlepoint Lock and Handle Kit Stainless Steel
	21011/SPLHNBLK	For Awning Sashes up to 700mm High (SILV, BLCK, WHT)
	21011/SPLHNWH	
Multipoint Locking Stainless Steel Kits (Handle Ordered Separately)		
Darley Code		Description
21008/MPTKT1LSS		Multipoint Lock Kit #1 Stainless Steel For Awning Sashes 1201-2100mm High
21008/MPTKT2LSS		Multipoint Lock Kit #2 LH Stainless Steel For Casement Sashes 1201-1500mm High
21008/MPTKT2RSS		Multipoint Lock Kit #2 RH Stainless Steel For Casement Sashes 1201-1500mm High
21008/MPTKT3LSS		Multipoint Lock Kit #3 LH Stainless Steel For Casement Sashes 1501-1600mm High
21008/MPTKT3RSS		Multipoint Lock Kit #3 RH Stainless Steel For Casement Sashes 1501-1600mm High
21008/MPTKT4LSS		Multipoint Lock Kit #4 LH Stainless Steel For Casement Sashes 1601-1700mm High
21008/MPTKT4RSS		Multipoint Lock Kit #4 RH Stainless Steel For Casement Sashes 1601-1700mm High
21008/MPTKT5LSS		Multipoint Lock Kit #5 LH Stainless Steel For Casement Sashes 1701-1800mm High
21008/MPTKT5RSS		Multipoint Lock Kit #5 RH Stainless Steel For Casement Sashes 1701-1800mm High
21008/MPTKT6LSS		Multipoint Lock Kit #6 LH Stainless Steel For Casement Sashes 1801-1900mm High
21008/MPTKT6RSS		Multipoint Lock Kit #6 RH Stainless Steel For Casement Sashes 1801-1900mm High
21008/MPTKT7LSS		Multipoint Lock Kit #7 LH Stainless Steel For Casement Sashes 1901-2350mm High
21008/MPTKT7RSS		Multipoint Lock Kit #7 RH Stainless Steel For Casement Sashes 1901-2350mm High
Multipoint Locking Handle		
Darley Code		Description
21010/MPTLHNSIL		Multi Pt Locking Hndl - Alum Maxim (with Gasket)
21010/MPTLHNBLK		Multi Pt Locking Hndl - Blck Maxim (with Gasket)
21010/MPTLHNWH		Multi Pt Locking Hndl - Wht Maxim (with Gasket)

Test Results

Performance

PERFORMANCE							
System	Test Size	Panel Size	Ser	Water	Ult	Report	Glass
Truth Awning	2100 x 2100	2025 x 1125	2000	600	3200	AZT0041.17	6.38mm
Truth Casement	2100 x 900	2025 x 825	2000	450	3200	AZT0023.17	6.38mm

TESTED BY NEUTRAL THIRD PARTIES



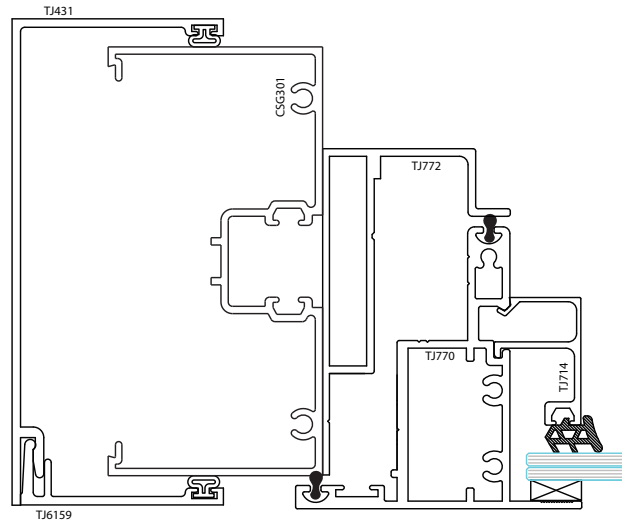
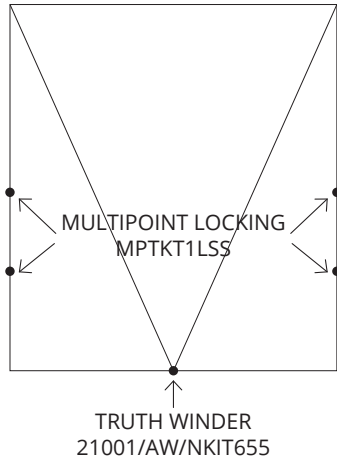
warringtonfire

See Performance Section for more detail.
 Taller maximums may be achievable via strength charts
 Size limitations are governed by design intent, glass selection and local wind load and deflection requirements. For further technical assistance and fabricator selection contact Darley Aluminium.
 An Engineer should be consulted to ensure selected framing meets the requirements as set out in the relevant Australian Standards

101.6mm CSG w/Chainwinder

LABORATORY TEST RESULTS: CityView Truth Awning Window

The following data was obtained from the results of the tests on the Darley Heavy Duty Awning Window as performed in the Azuma Testing Laboratory (NATA Accredited).



Performance

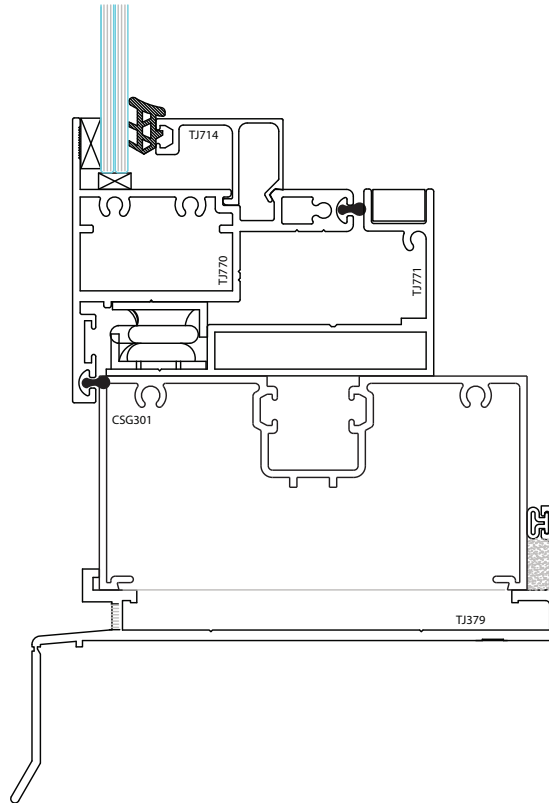
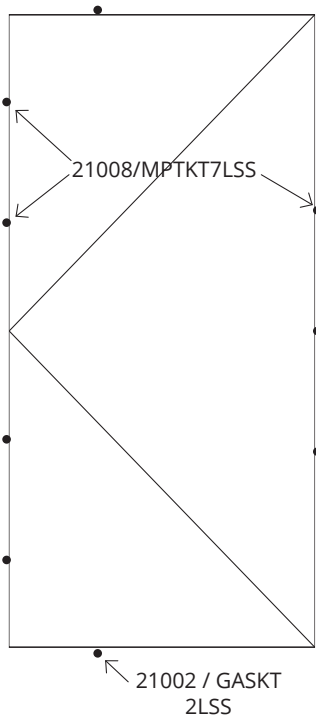
Test & Date	AZT0041.17, 21/02/2017
Test Size	2100mm H x 1200mm W
Hardware	Stays winder - MPTKT1LSS, 2x multipoint - 21001/Aw/nkIT655
Serviceability Load	+/- 2000 Pa
Air Infiltration	+75 Pa = 0.11 L/s.m ² -75 Pa = 0.11 L/s.m ²
Water Penetration	600 Pa
Ultimate Strength	+ 3200 Pa - 3500 Pa

101.6mm Front Double Glazed Frame

LABORATORY TEST RESULTS: CityView Truth Casement Window

The following data was obtained from the results of the tests on the Darley Heavy Duty Awning Window as performed in the Azuma Testing Laboratory (NATA Accredited).

Performance



Test & Date	AZT0023.17, 21/02/2017
Test Size Sash Size	2100mm H x 900mm W
Hardware	Stays winder, snubbers, 1x multipoint set
Serviceability Load	+/- 2000 Pa
Air Infiltration	+75 Pa = 0.20 L/s.m2 -75 Pa = 0.12 L/s.m2
Water Penetration	450 Pa
Ultimate Strength	+/- 3500 Pa

Glass & Rubber Combinations

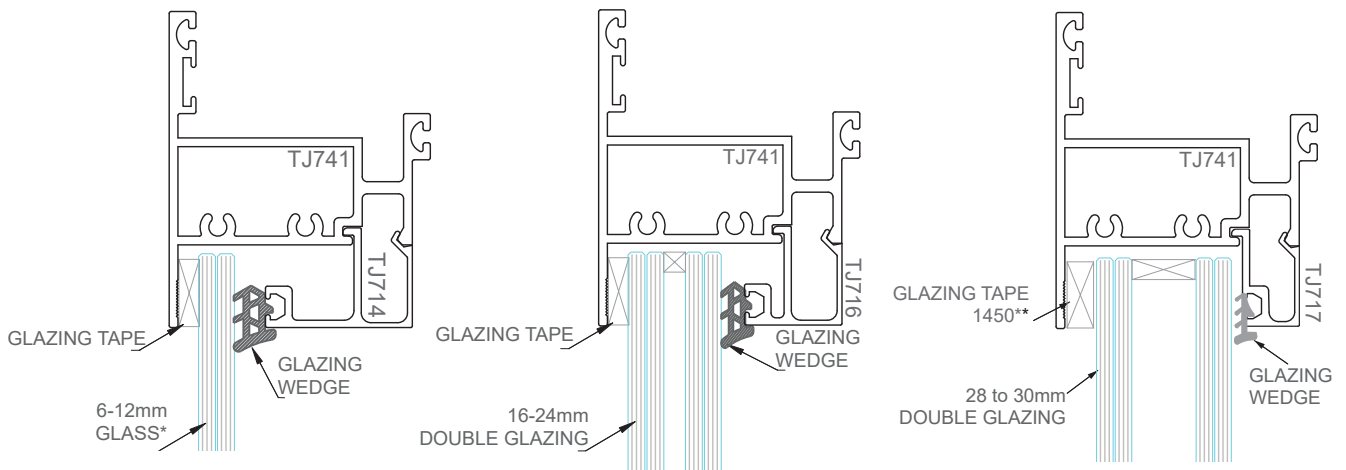
Glazing

CityView 50mm Awning Window			
Glass Thickness	Bead	Tape	Wedge or Bulb Seal
6mm	TJ714	1451	1931
8mm		1450	1623
10mm		1451	1615
12mm		1450	1620
16mm	TJ716	1451	1931
18mm		1450	1931
20mm		1450	1933
22mm		1450	1615
24mm		1450	1630
28mm	TJ717	1450	1623
30mm		1450	1933

6mm to 12mm Glass

16mm to 24mm Glass

28mm to 30mm Glass



Glazing

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.agwa.com.au/WERS

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/m² 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 frame, 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:

U_w is the value for the whole window and because of its 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.

Energy Ratings: Single Glazed

CityView 50mm Hook Awning - Single Glazed						
DAR	Glass Supplier	Glass	Uw	SHGC	Tvw	Air Infil.
DAR-044-01	OCEANIA	10.38GyLam	6.7	0.38	0.23	0
DAR-044-02	OCEANIA	6.38CPGy	5.8	0.33	0.218	0
DAR-044-03	OCEANIA	6.38CPNtl	5.8	0.34	0.329	0
DAR-044-04	OCEANIA	6.38CPGn	5.8	0.34	0.398	0
DAR-044-05	OCEANIA	6.38CPClr	5.8	0.43	0.458	0
DAR-044-06	GENERIC	6.38ClrLam	6.8	0.49	0.489	0
DAR-044-07	OCEANIA	6SolT	5.8	0.35	0.354	0
DAR-044-08	OCEANIA	6SolTGy	5.8	0.26	0.167	0
DAR-044-09	GENERIC	6Clr	6.8	0.51	0.493	0
DAR-044-10	OCEANIA	6Gy	6.8	0.37	0.233	0
DAR-044-11		6TS21	6.4	0.22	0.114	0
DAR-044-12	OCEANIA	6SpGn	6.8	0.34	0.372	0
DAR-044-13	OCEANIA	6SpGy	6.8	0.25	0.048	0
DAR-044-14	OCEANIA	6ET	5.8	0.44	0.455	0
DAR-044-15	OCEANIA	6EVSpGn	5.9	0.26	0.274	0
DAR-044-16	OCEANIA	6ETGy	5.8	0.32	0.223	0
DAR-044-17		6AZTS21	6.4	0.21	0.087	0
DAR-044-18	OCEANIA	6EVBGn	5.9	0.31	0.316	0
DAR-044-19	OCEANIA	6EVGy	5.9	0.28	0.179	0
DAR-044-20	OCEANIA	6EVClr	5.9	0.4	0.372	0
DAR-044-21	OCEANIA	6SpB	6.8	0.34	0.294	0
DAR-044-22	OCEANIA	6EVBz	6.7	0.34	0.211	0

Glazing

KEY

Gy = Grey, Ntl = Neutral, Gn = Green, Clr = Clear, B = Blue, Bz = Bronze, Lam = Laminate, ComPls = Comfort Plus, SolT - SolTech, Sp = Super, ET = Energy Tech, EVan = Eantage, AZT = Solar Cool Azuria, Sngy = Sunergy.

NOTES

1. Percentage improvement figures are compared with using base-case Generic Window 1 (3mm clear in standard aluminium frame)
2. A negative percentage improvement figure indicates performance worse than the base-case window
3. A positive percentage improvement figure indicates performance better than the base-case window
4. Maximum air infiltration is 5.0 L/s.m² at a positive pressure difference of 75Pa as measured according to AS 2047
5. Static performance (U, SHFC, Tw, Tdw) Calculated using Window 5.2 and Therm 5.2 software (LBNL), 2000-2003
6. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (AccuRate)
7. Results disclosed at National fenestration Rating Council (NFRC) regulations

Energy Ratings: Double Glazed

Glazing

CityView 50mm Hook Awning - Double Glazed						
DAR	Glass Supplier	Glass	Uw	SHGC	Tvw	Air Infil.
DAR-043-01		6Clr/12Ar/10.38Clr	4.8	0.43	0.426	0
DAR-043-02		6.38Gy/12Ar/6.38Clr	4.8	0.31	0.206	0
DAR-043-03		6.38Clr/12Ar/6.38Clr	4.9	0.41	0.431	0
DAR-043-04		6ETGy/12Ar/6.38Clr	4.4	0.26	0.196	0
DAR-043-05		6TS21 Gn/12Ar/6Clr	4.8	0.15	0.089	0
DAR-043-06	OCEANIA	6ET/12/6Clr	4.5	0.39	0.406	0
DAR-043-07	OCEANIA	6/12/6EVClr	4.5	0.38	0.343	0
DAR-043-08		6SpGn/12/6EVClr	4.5	0.22	0.258	0
DAR-043-09		6TS21/12/6EVClr	4.5	0.15	0.085	0
DAR-043-10		6EVClr/12/6Clr	4.5	0.36	0.343	0
DAR-043-11		6SpGn/12/6Clr	4.9	0.27	0.331	0
DAR-043-12	GENERIC	6Clr/12/6Clr	4.9	0.44	0.439	0
DAR-043-13		6InsEG/12/6Clr	4.9	0.27	0.326	0
DAR-043-14	OCEANIA	6InsEG/12/6ET	4.5	0.24	0.301	0
DAR-043-15		6InsTS21/12/6Clr	4.8	0.17	0.103	0
DAR-043-16		6EVClr/6Ar/6Clr	4.7	0.36	0.343	0
DAR-043-17		6SpGy/6Ar/6Clr	5	0.17	0.042	0
DAR-043-18		6EoGy/12/6Clr	4.9	0.31	0.219	0
DAR-043-19		6EoGy/12/6ET	4.5	0.28	0.203	0
DAR-043-20		6.5SOLOS Sil/12Ar/6SOLOS OE Acu	4.2	0.35	0.435	0
DAR-043-21		6.38SOLOS Ptk Wht/12Ar/6SOLOS OE Prv	4.3	0.29	0.329	0
DAR-043-22		6SOLOS Evo Clr/12Ar/6SOLOS OE Clr	4.2	0.37	0.44	0
DAR-043-23		6SOLOS Evo Gy/12Ar/6SOLOS OE Gy	4.2	0.23	0.207	0
DAR-043-24		GW 6Clr/12Ar/6OPLoE	4.24	0.37	0.437	0
DAR-043-25		GW 6LoE/12Ar/6Clr	4.224	0.19	0.348	0
DAR-043-26	G JAMES	6.38GyLam/10Ar/4LumaTherm	4.255	0.23	0.221	0
DAR-043-27	G JAMES	6.38ClrLam/10Ar/4LumaTherm	4.255	0.33	0.44	0
DAR-043-28	G JAMES	6.38LightGyLam/10Ar/4LumaTherm	4.255	0.27	0.309	0
DAR-043-29	G JAMES	4Clr/12Ar/4LumaTherm	4.238	0.36	0.449	0
DAR-043-30	G JAMES	4LumaTherm/12Ar/4Clr	4.238	0.35	0.449	0
DAR-043-31	G JAMES	4Gy/12Ar/4LumaTherm	4.238	0.26	0.279	0

KEY

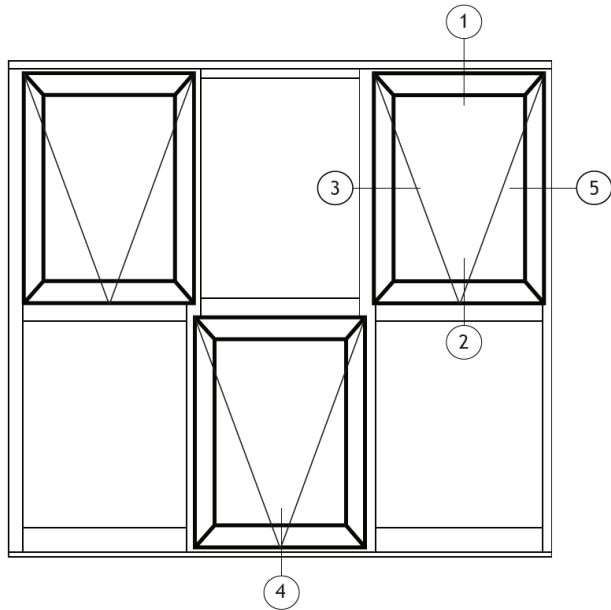
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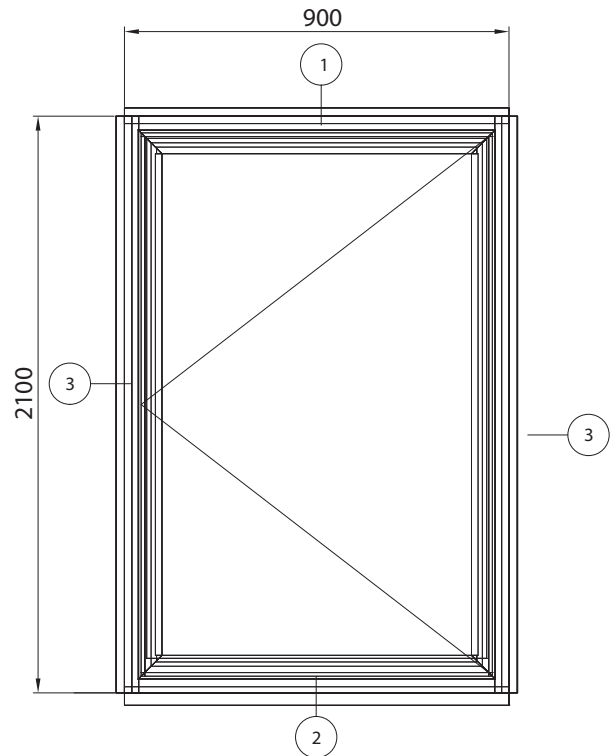
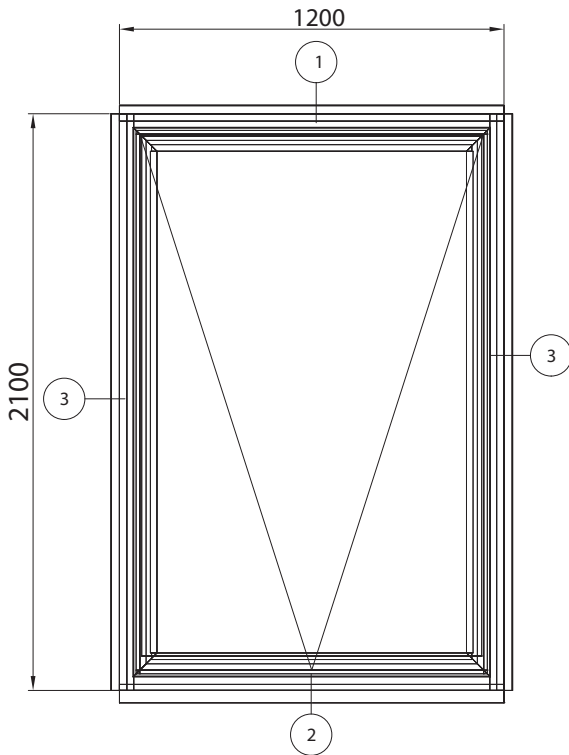
General Configuration

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



AWNING Sash Weight Limitations	
Sash Height	Max. Sash Weight
500 - 700mm	26kg
701 - 900mm	45kg
901 - 1050mm	52kg
1051 - 1200mm	58kg
1201 - 1600mm	80kg
1601 - 2100mm	136kg

CASEMENT Sash Weight Limitations	
Sash Width	Max. Sash Weight
450 - 600mm (L/H open)	45kg
450 - 600mm (R/H open)	45kg
601 - 1000mm (L/H open)	45kg
601 - 1000mm (R/H open)	45kg



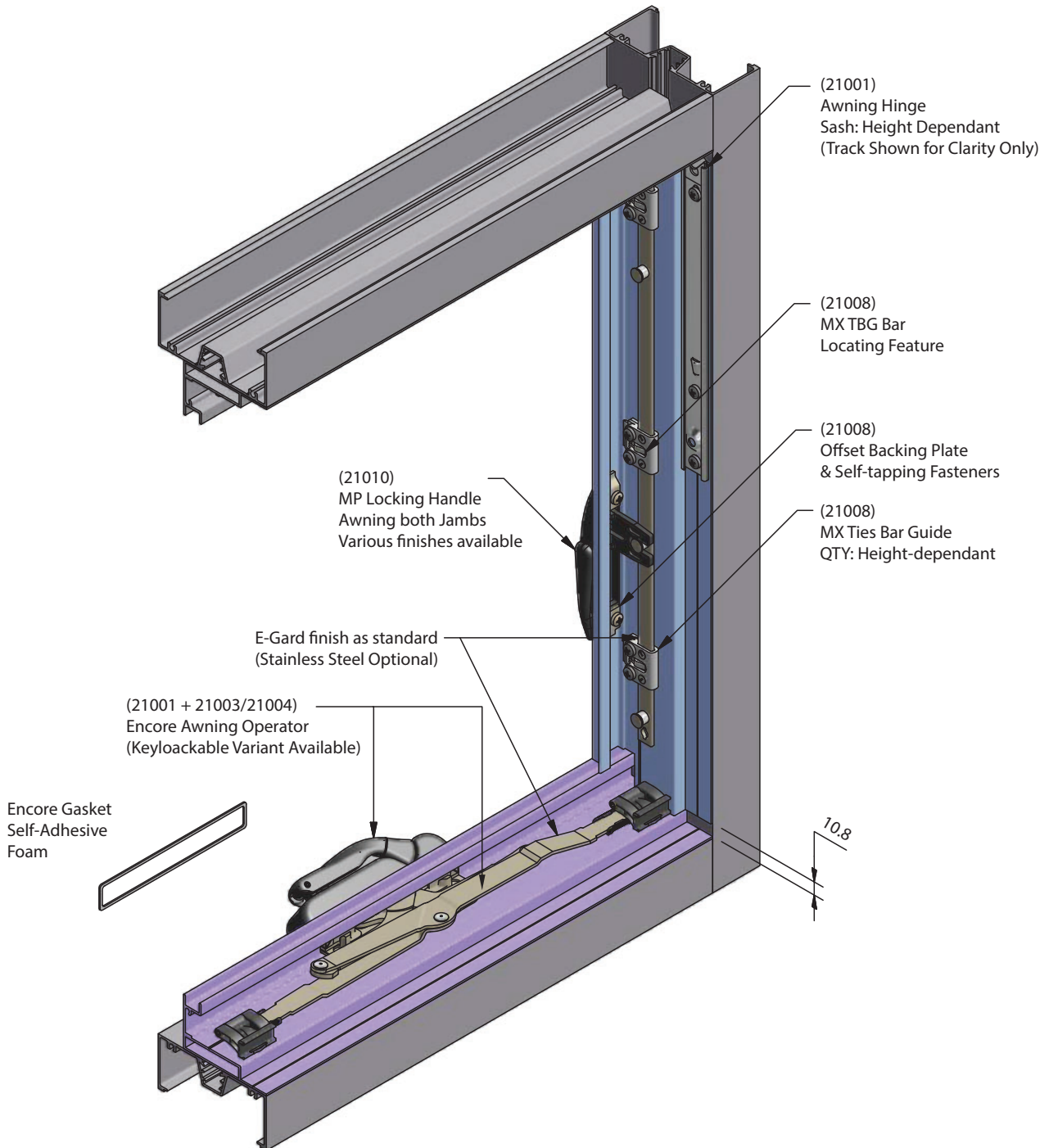
Fabrication

See also: Disclaimer and Copyright information on page 3

General Configuration

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

Fabrication



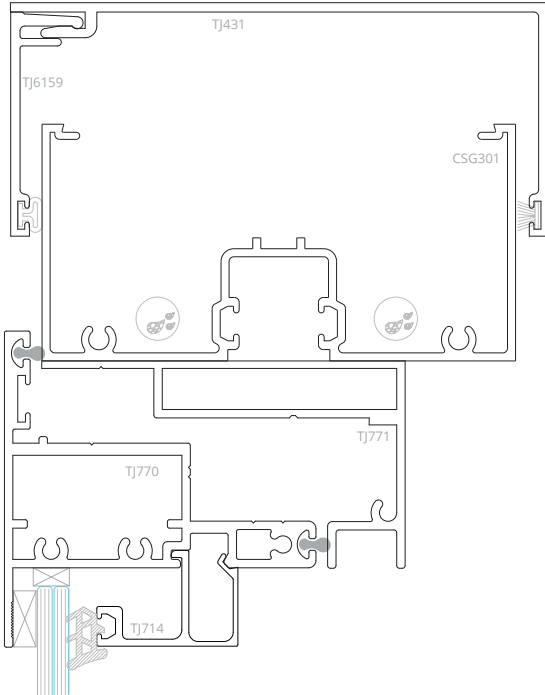
See also: Disclaimer and Copyright information on page 3

General Configuration - Awning / Casement

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

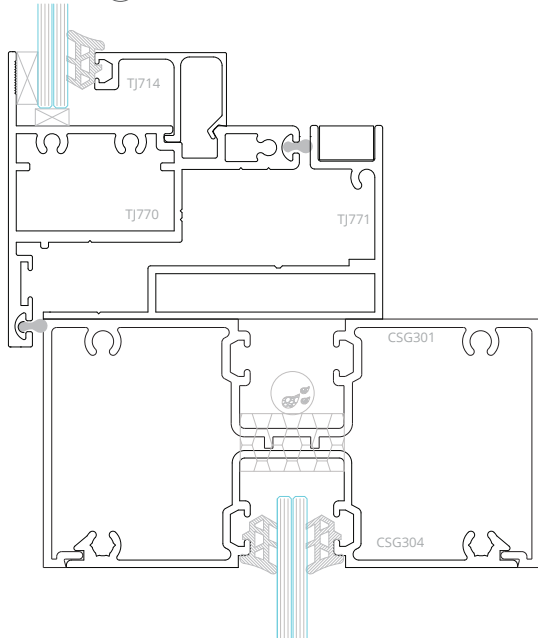
Head Detail

1



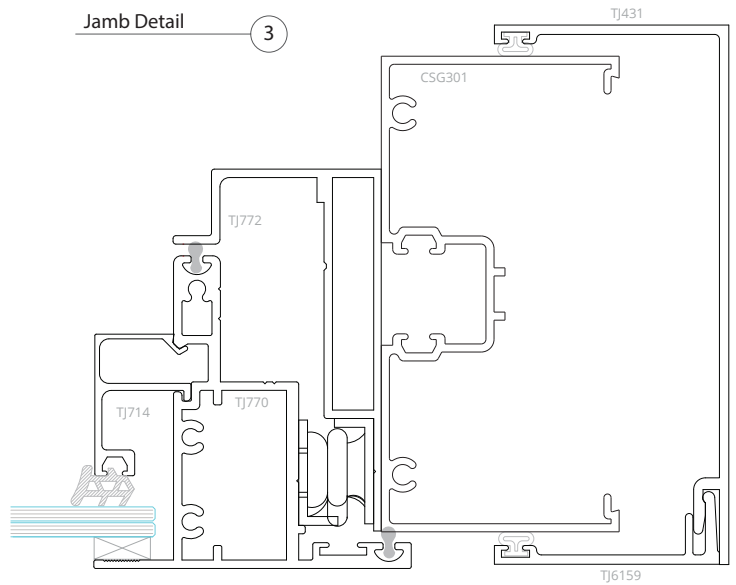
Transom Detail

2b



Jamb Detail

3



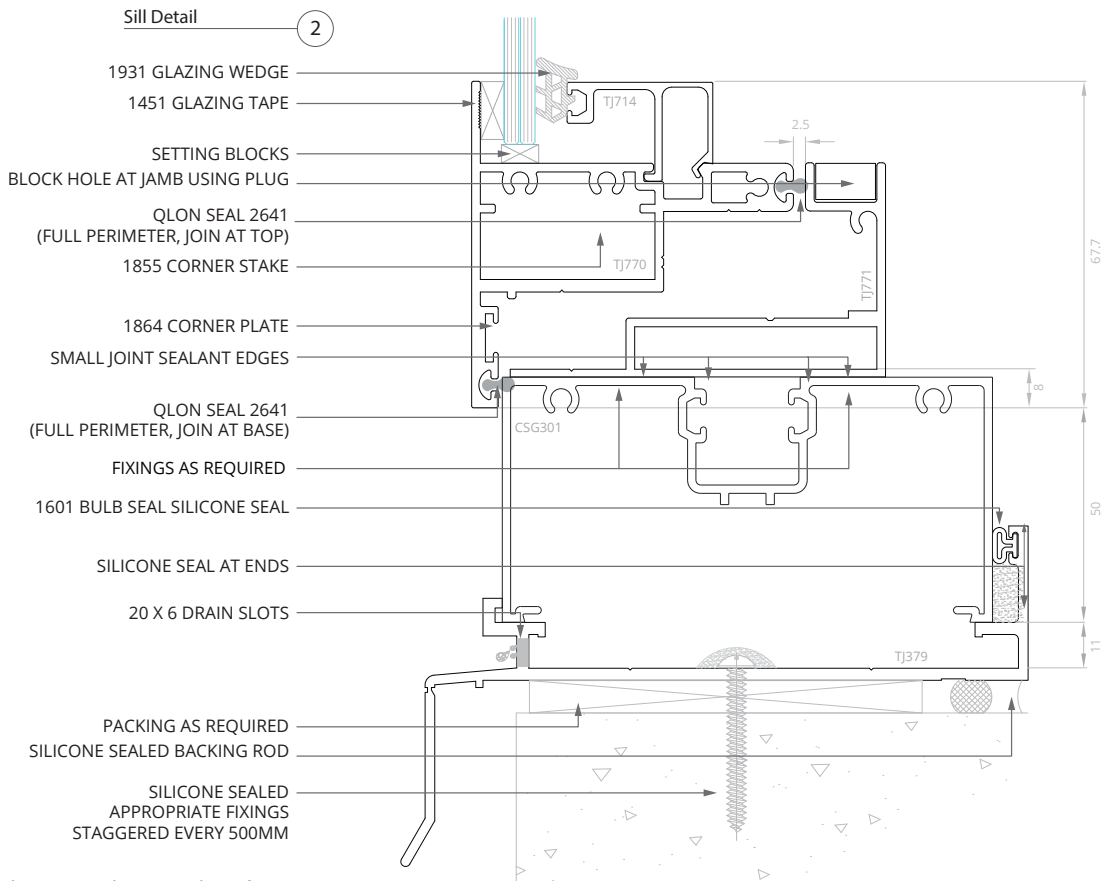
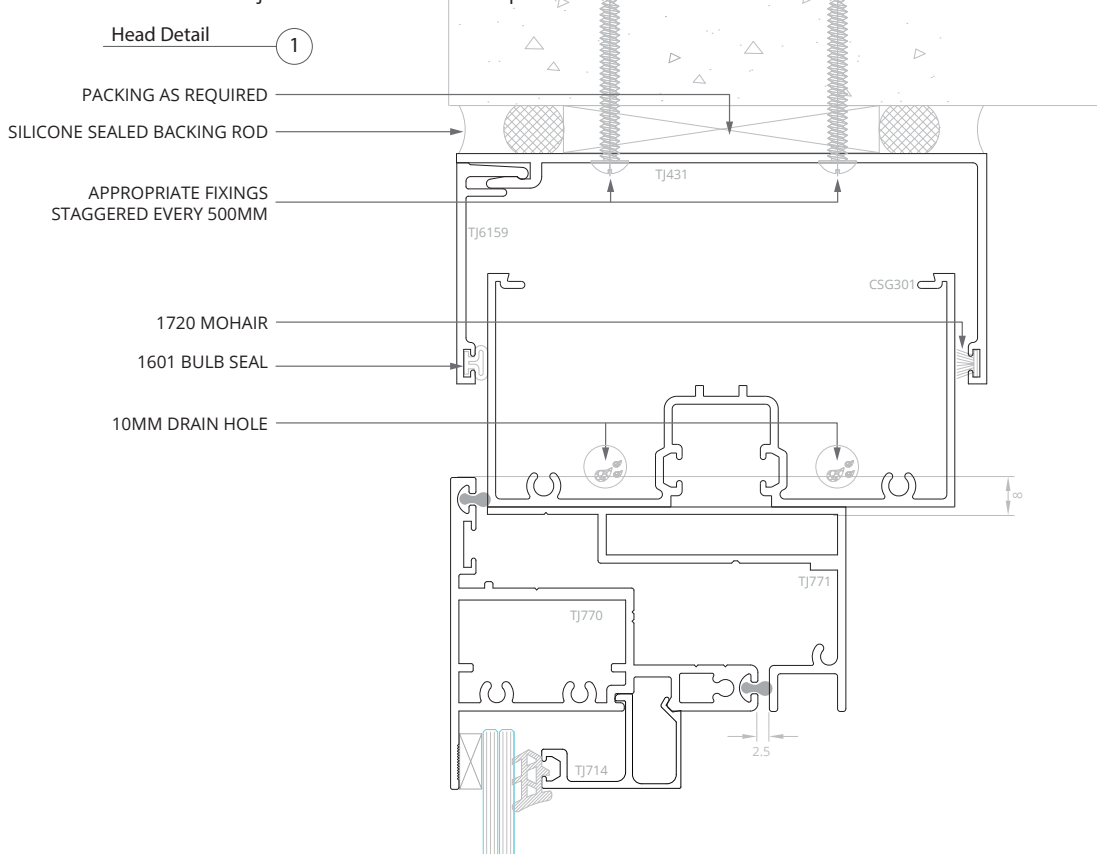
Fabrication

See also: Disclaimer and Copyright information on page 3

100x50mm Centre Single Glazed - Head/Sill

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

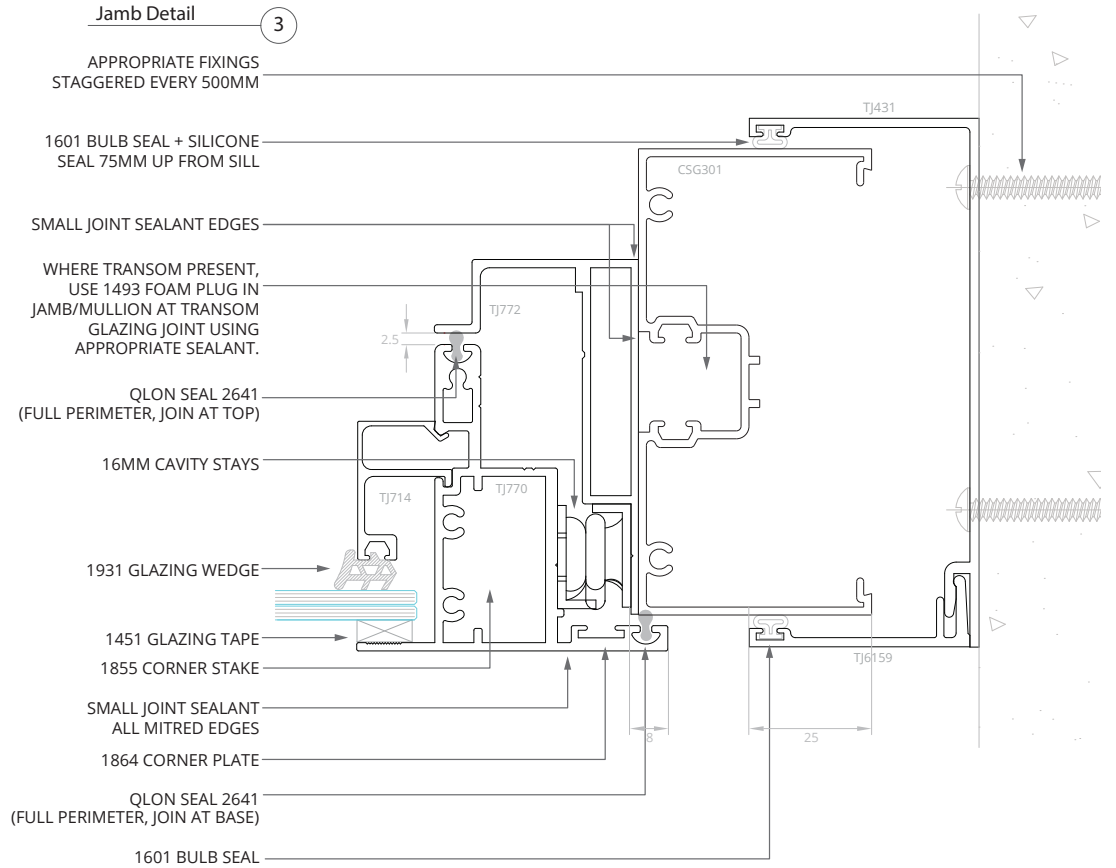
Fabrication



See also: Disclaimer and Copyright information on page 3

100x50mm Centre Single Glazed - Jamb

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



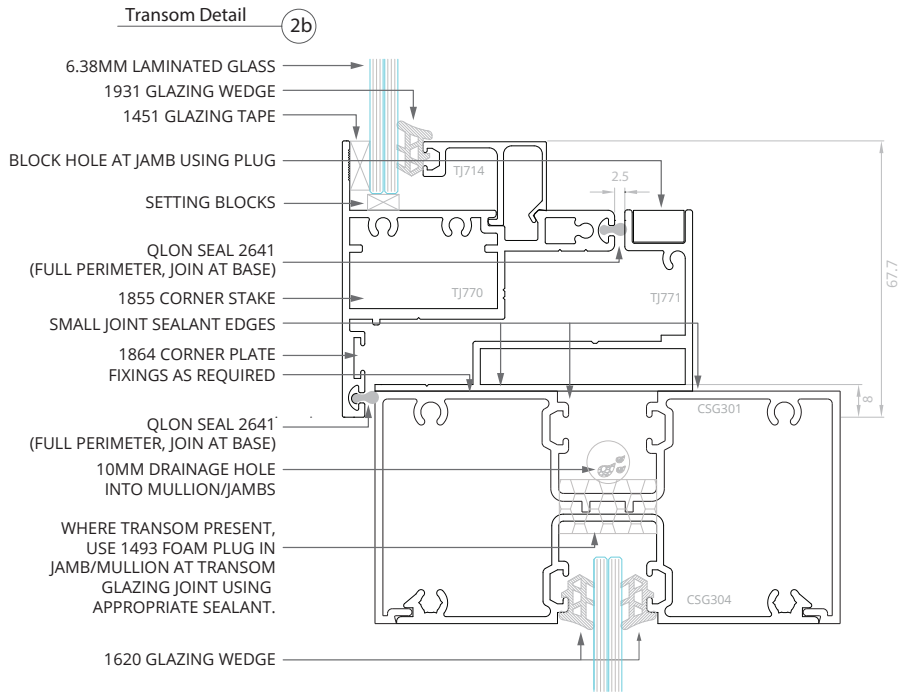
Fabrication

See also: Disclaimer and Copyright information on page 3

100x50mm Centre Single Glazed - Transom

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

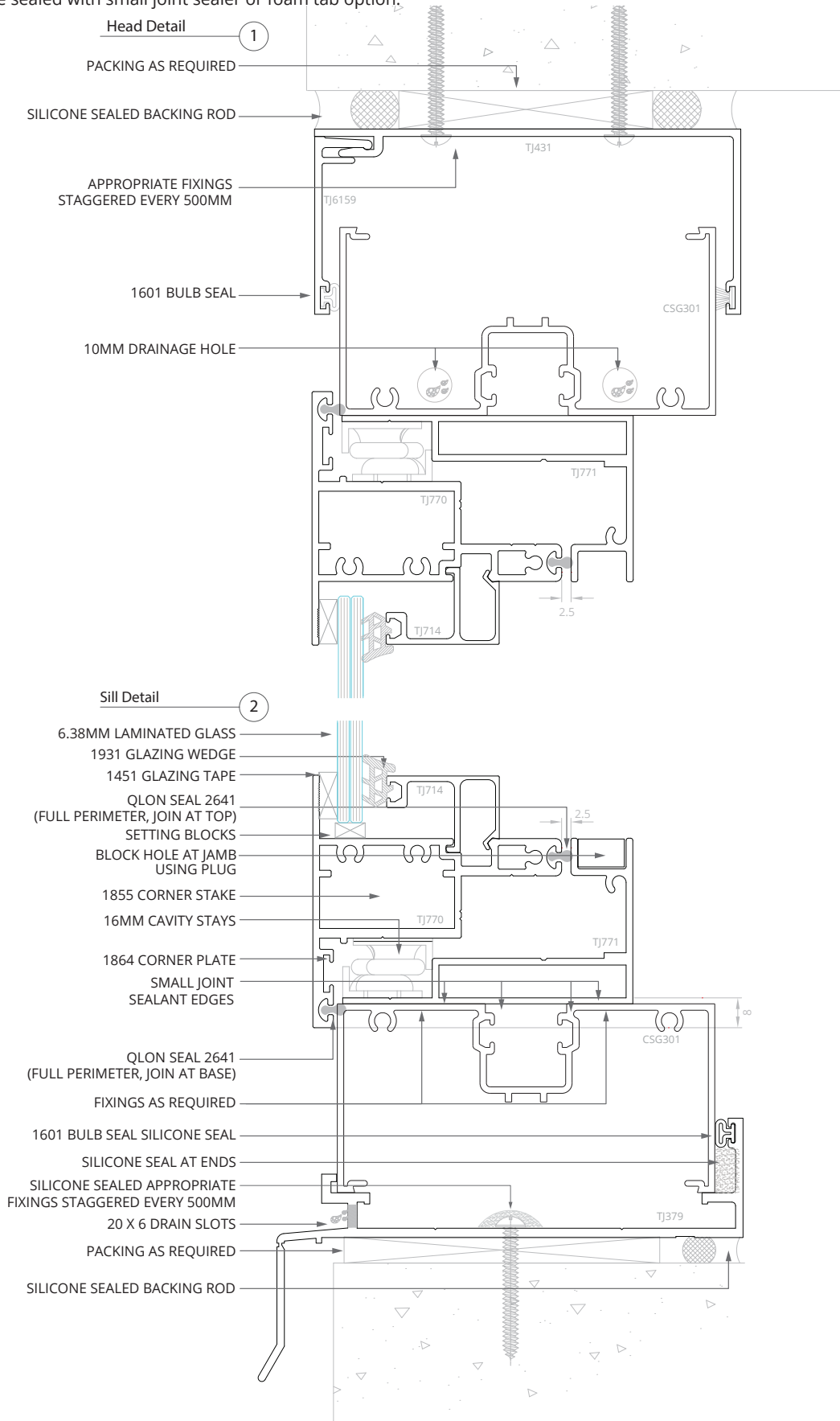
Fabrication



See also: Disclaimer and Copyright information on page 3

101.6mm Centre Single Glazed - Head/Sill

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



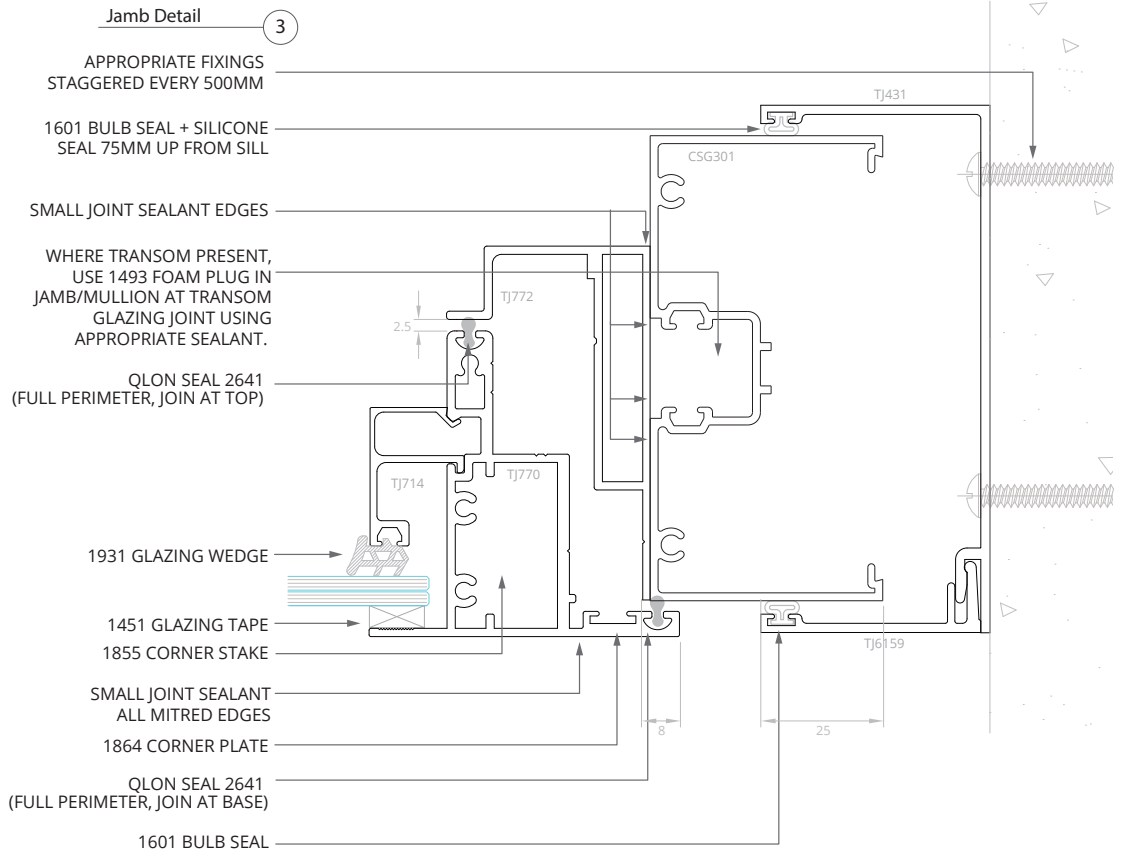
Fabrication

See also: Disclaimer and Copyright information on page 3

101.6mm Centre Single Glazed - Jamb

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

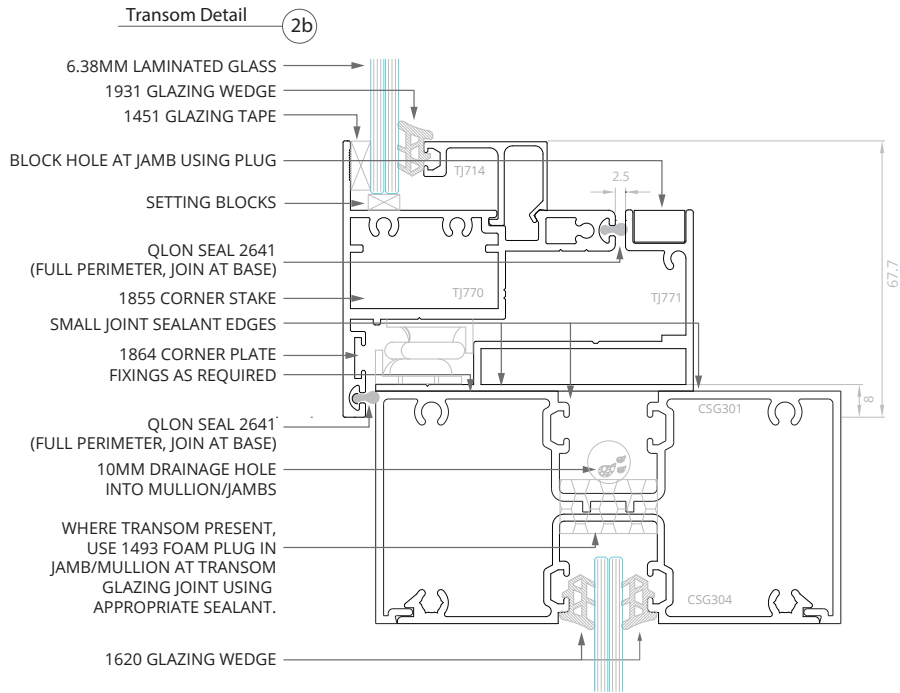
Fabrication



See also: Disclaimer and Copyright information on page 3

101.6mm Centre Single Glazed - Transom

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



Fabrication

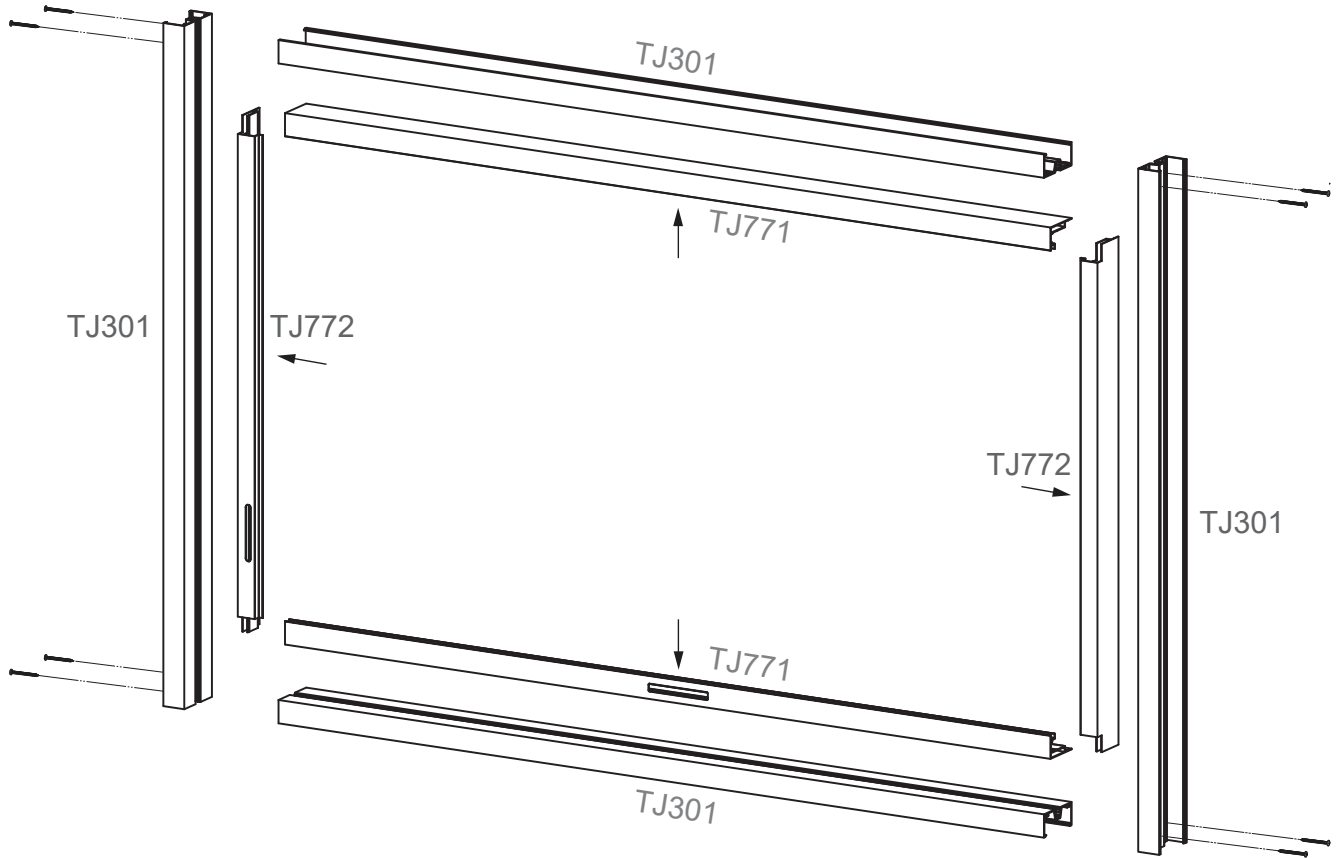
See also: Disclaimer and Copyright information on page 3

Frame Assembly

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

Assembly

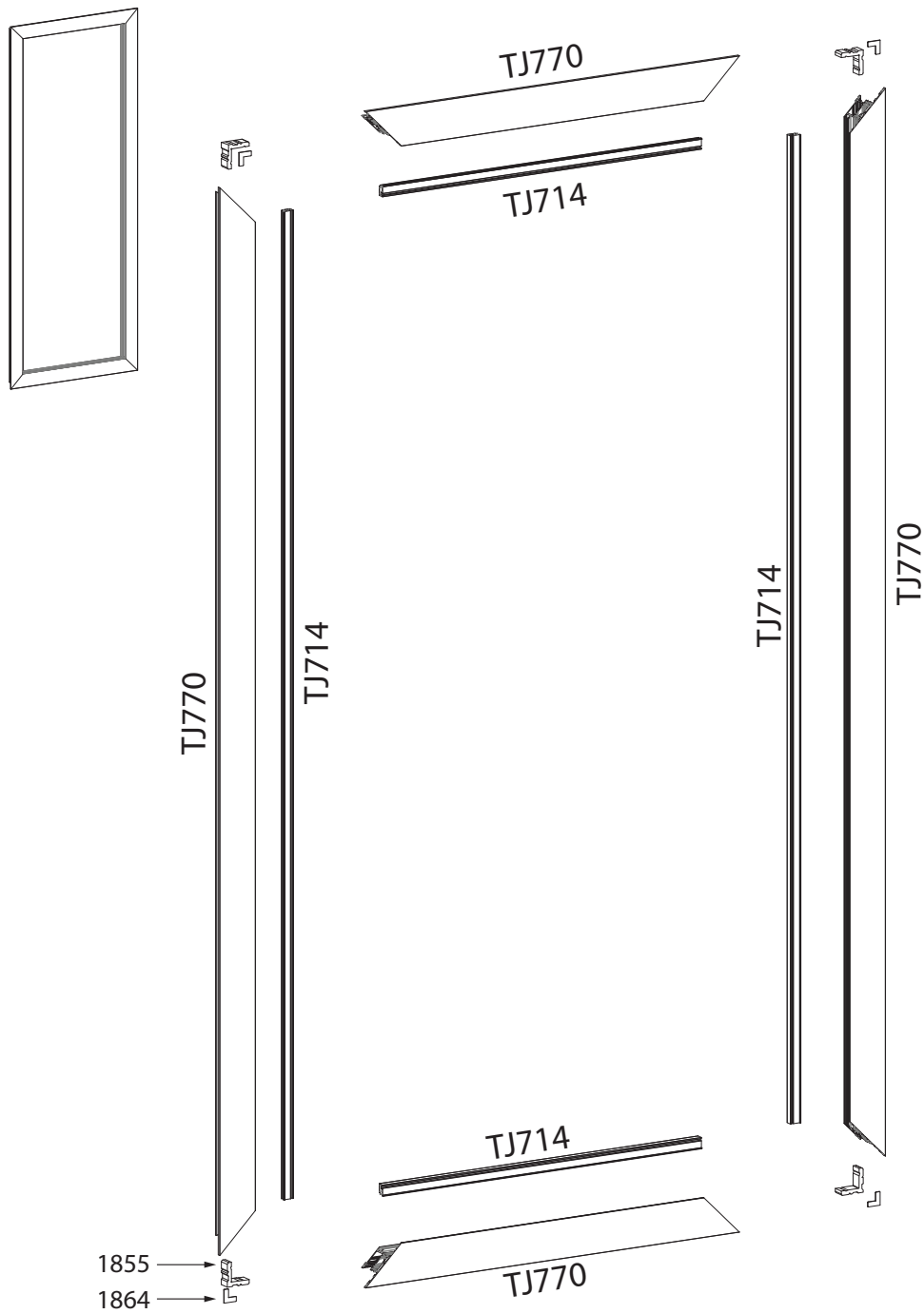
Fabrication



See also: Disclaimer and Copyright information on page 3

Sash Assembly

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



Fabrication

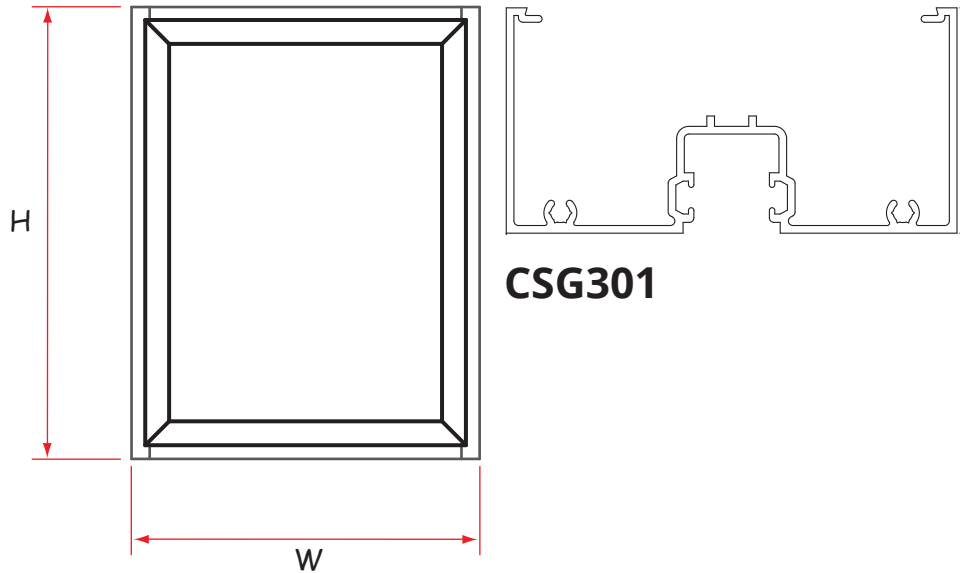
See also: Disclaimer and Copyright information on page 3

Cutting Formula: 101.6mm x 44mm Centre Single Glazed Frame

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

The following diagram displays a general window configuration with formulae for calculating the cutting dimensions of frames to fit a given window opening.

Fabrication



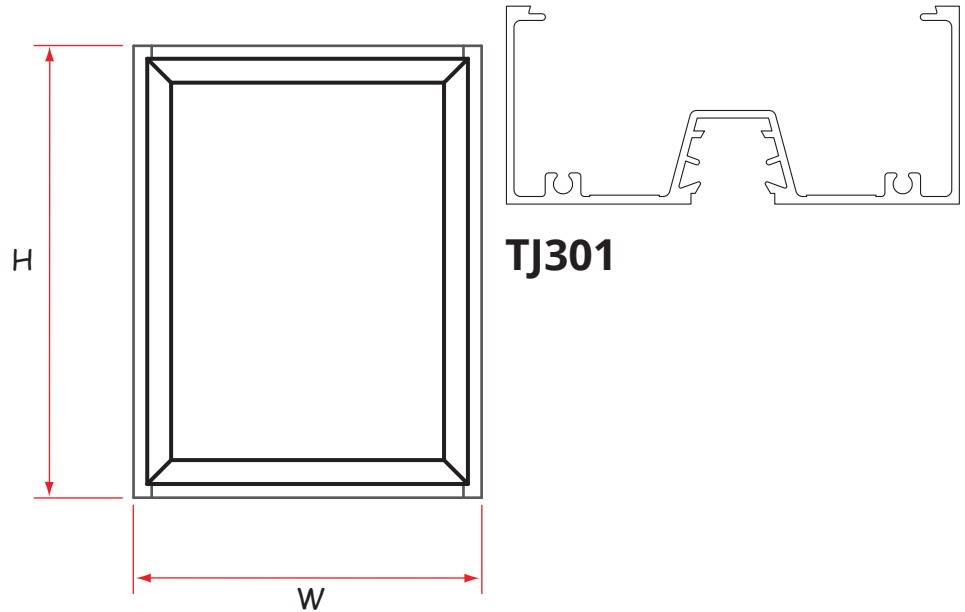
Cityview Truth Awning/Casement Window Frame: CUTTING CALCULATIONS			
NOTE: CALCULATIONS BASED ON OVERALLFRAMES SIZE. DO NOT INCLUDE SUBHEAD AND SUBSILL			
Extrusion No.	Description	Cutting Formula	Quantity
TJ301	JAMB	H	2
	HEAD	W - 89	1
	SILL	W - 89	1
TJ307	JAMB FLUSH FILLER	H	2
	HEAD AND SILL FLUSH FILLER	W - 89	2
TJ772	AWNING STOP (Vertical)	H - 178	2
TJ771	AWNING STOP (Horizontal)	W - 89	2
TJ770*	SASH RAIL (Vertical)	H - 77	2
	SASH RAIL (Horizontal)	W - 77	2
TJ714	SASH BEAD (Vertical)	H - 212	2
	SASH BEAD (Horizontal)	W - 178	2
HFF180	FLY SCREEN - Vertical	H - 168	2
HFF180	FLYSCREEN - Horizontal	W - 161	2
	GLASS		1
	Height	H - 192	
	Width	W - 192	
*NOTE : TJ770 TO BE MITRED AT ENDS			

See also: Disclaimer and Copyright information on page 3

Cutting Formula: 100mm x 50mm Centre Single Glazed Frame

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

The following diagram displays a general window configuration with formulae for calculating the cutting dimensions of frames to fit a given window opening.



Fabrication

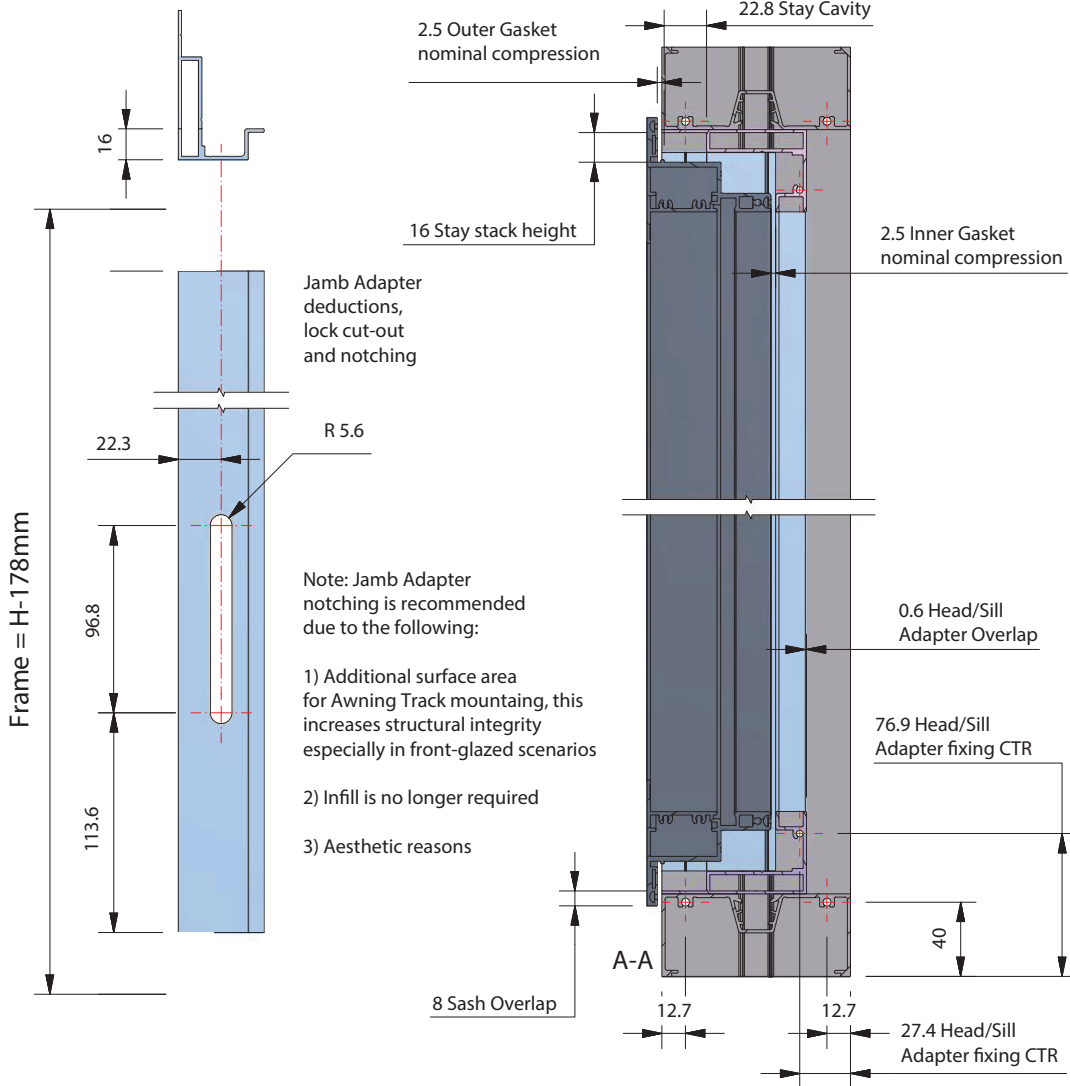
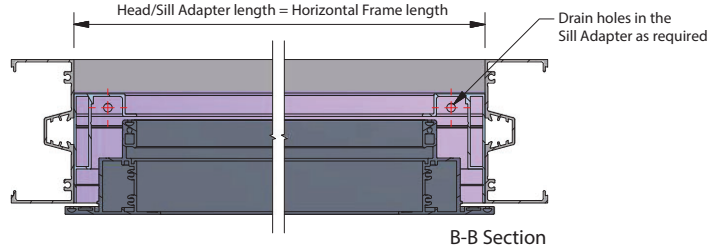
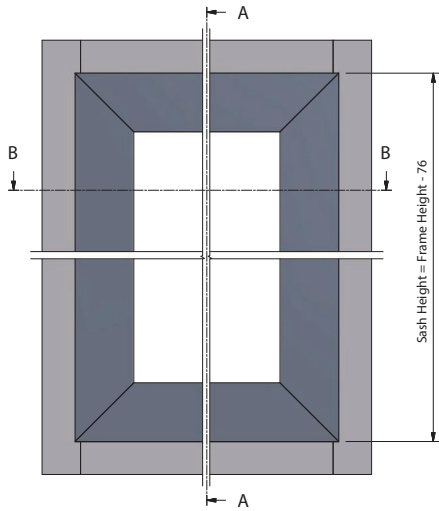
Cityview Truth Awning/Casement Window Frame: CUTTING CALCULATIONS			
NOTE: CALCULATIONS BASED ON OVERALLFRAMES SIZE. DO NOT INCLUDE SUBHEAD AND SUBSILL			
Extrusion No.	Description	Cutting Formula	Quantity
CSG301	JAMB	H	2
	HEAD	W - 100	1
	SILL	W - 100	1
TJ307	JAMB FLUSH FILLER	H	2
	HEAD AND SILL FLUSH FILLER	W - 100	2
TJ772	AWNING STOP (Vertical)	H - 124	2
TJ771	AWNING STOP (Horizontal)	W - 100	2
TJ770*	SASH RAIL (Vertical)	H - 88	2
	SASH RAIL (Horizontal)	W - 88	2
TJ714	SASH BEAD (Vertical)	H - 189	2
	SASH BEAD (Horizontal)	W - 223	2
HFF180	FLY SCREEN - Vertical	H - 179	2
HFF180	FLYSCREEN - Horizontal	W - 175	2
	GLASS		1
	Height	H - 203	
	Width	W - 203	
*NOTE : TJ770 TO BE MITRED AT ENDS			

See also: Disclaimer and Copyright information on page 3

Default Jamb Stop: Square Cut

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

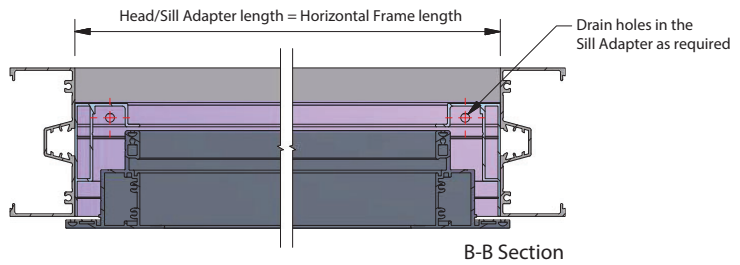
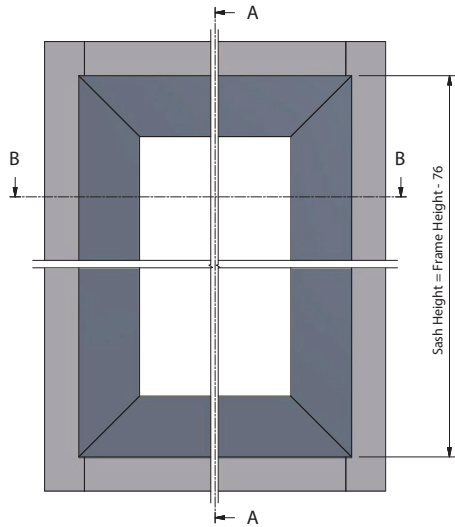
Fabrication



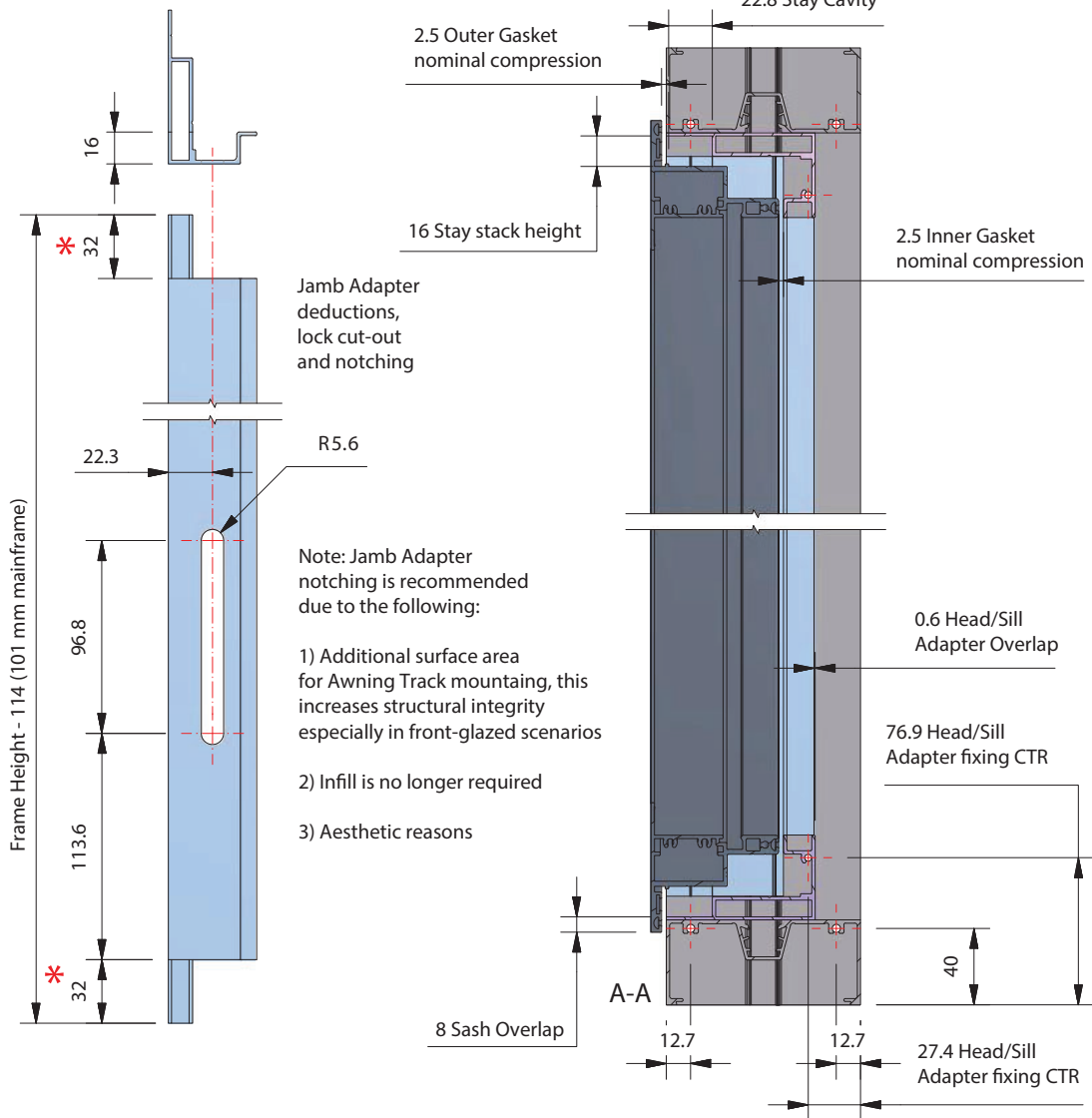
See also: Disclaimer and Copyright information on page 3

Alternative Jamb Stop: Notched

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



NOTE: Add 64mm to Sash Stop



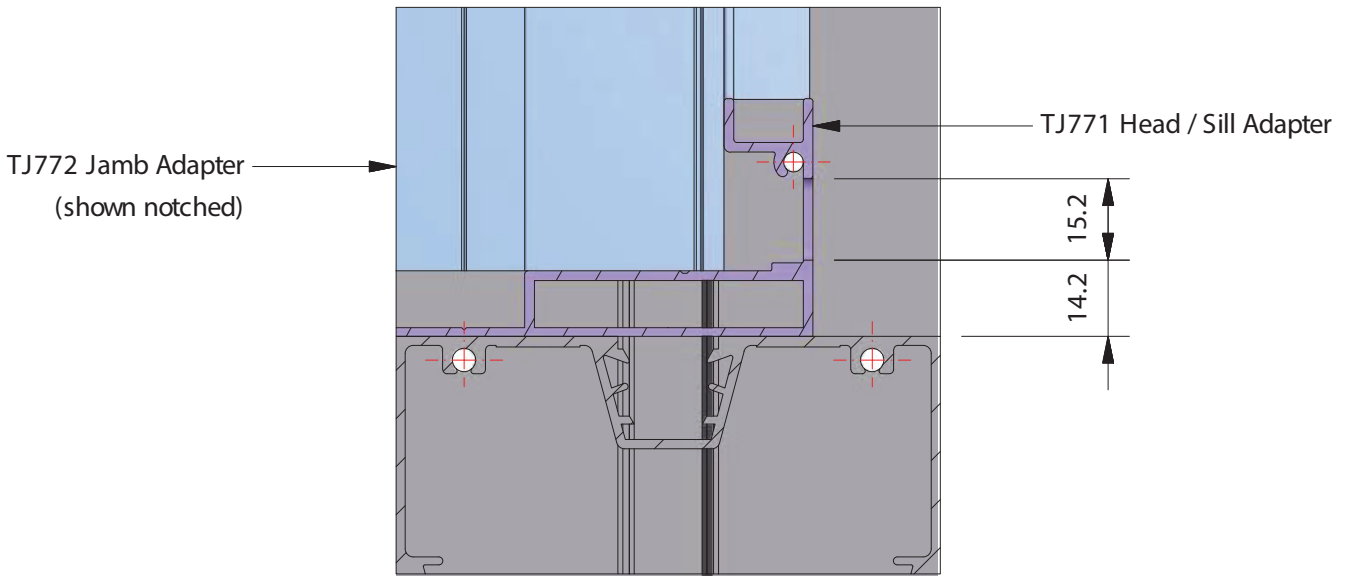
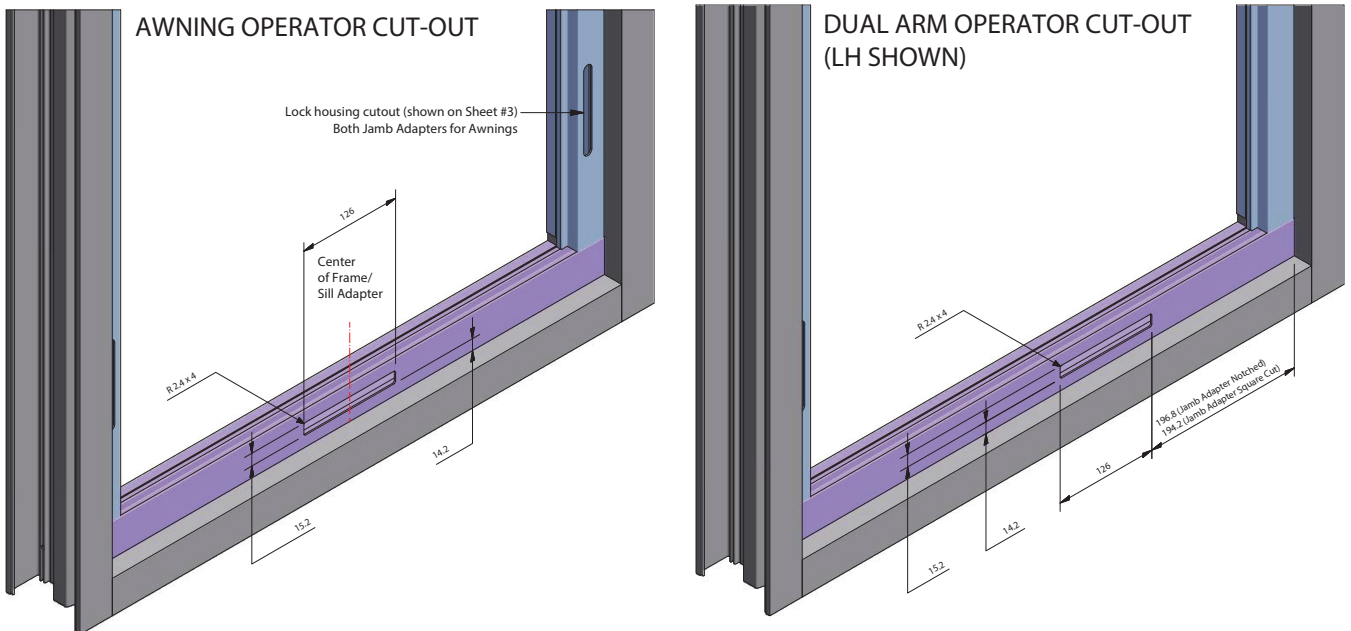
Fabrication

See also: Disclaimer and Copyright information on page 3

Sash Operator

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

Fabrication

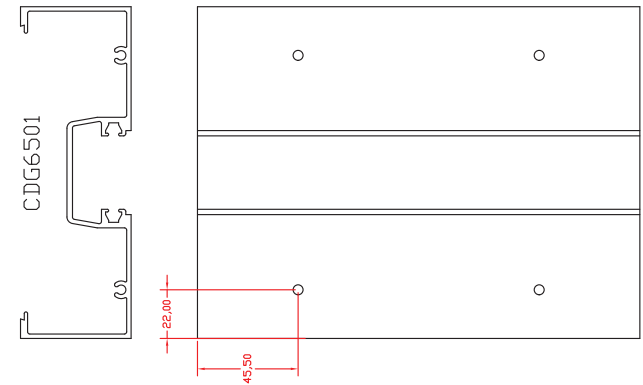
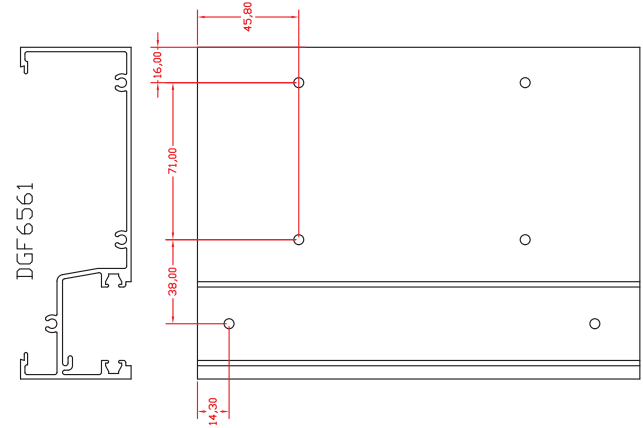
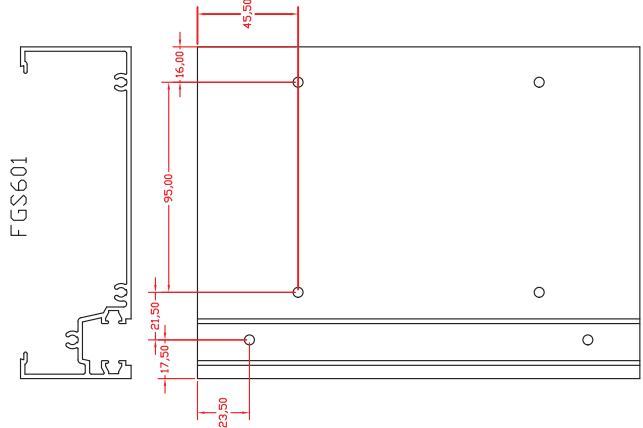
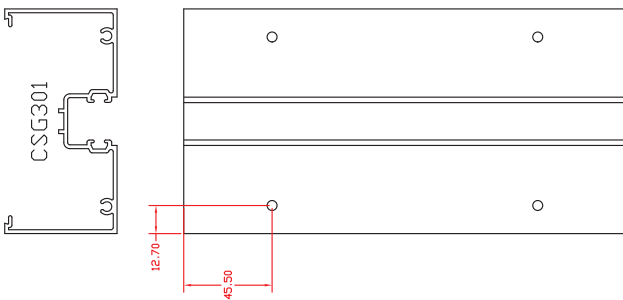
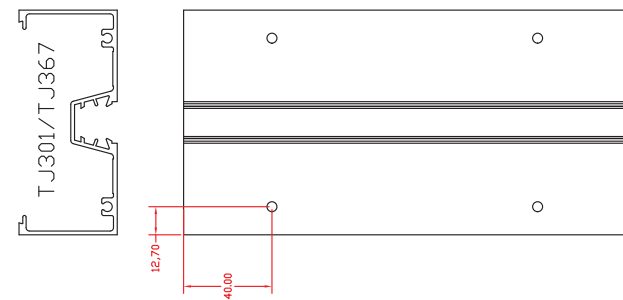
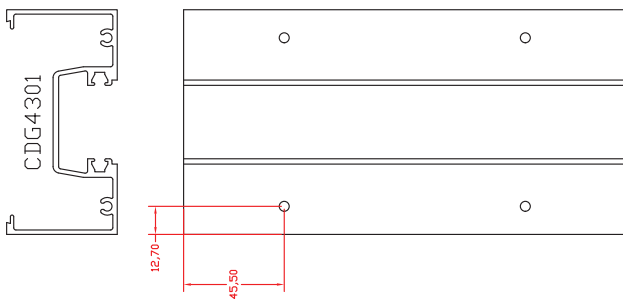
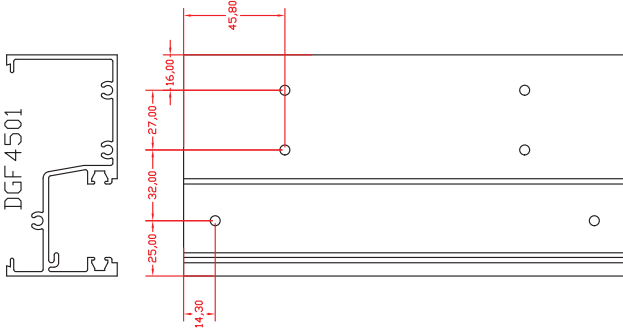
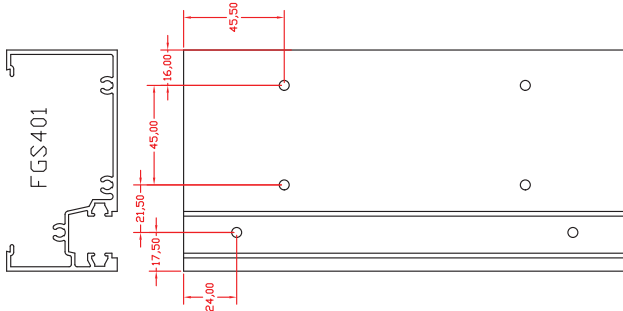


SECTIONAL VIEW OF OPERATOR CUT-OUT

See also: Disclaimer and Copyright information on page 3

Mainframe

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



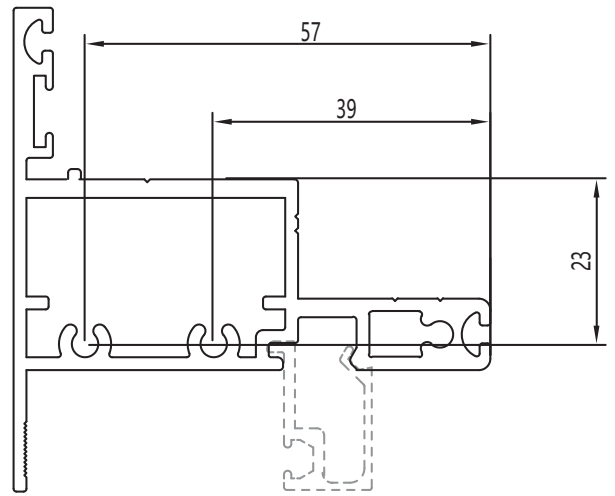
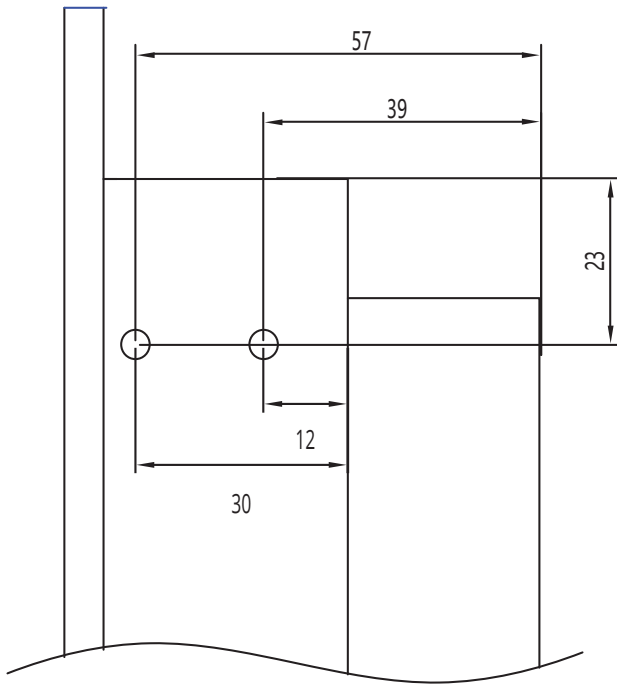
Fabrication

See also: Disclaimer and Copyright information on page 3

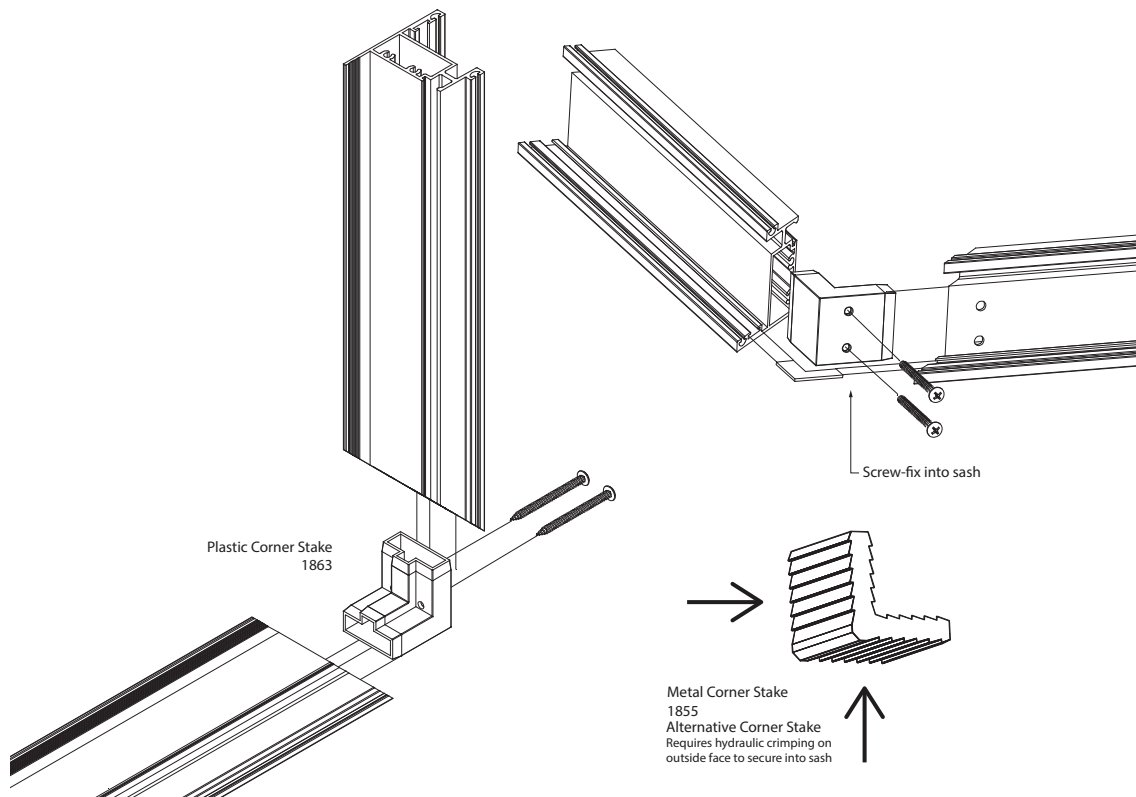
1863 Nylon Stake

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

Fabrication



TJ770

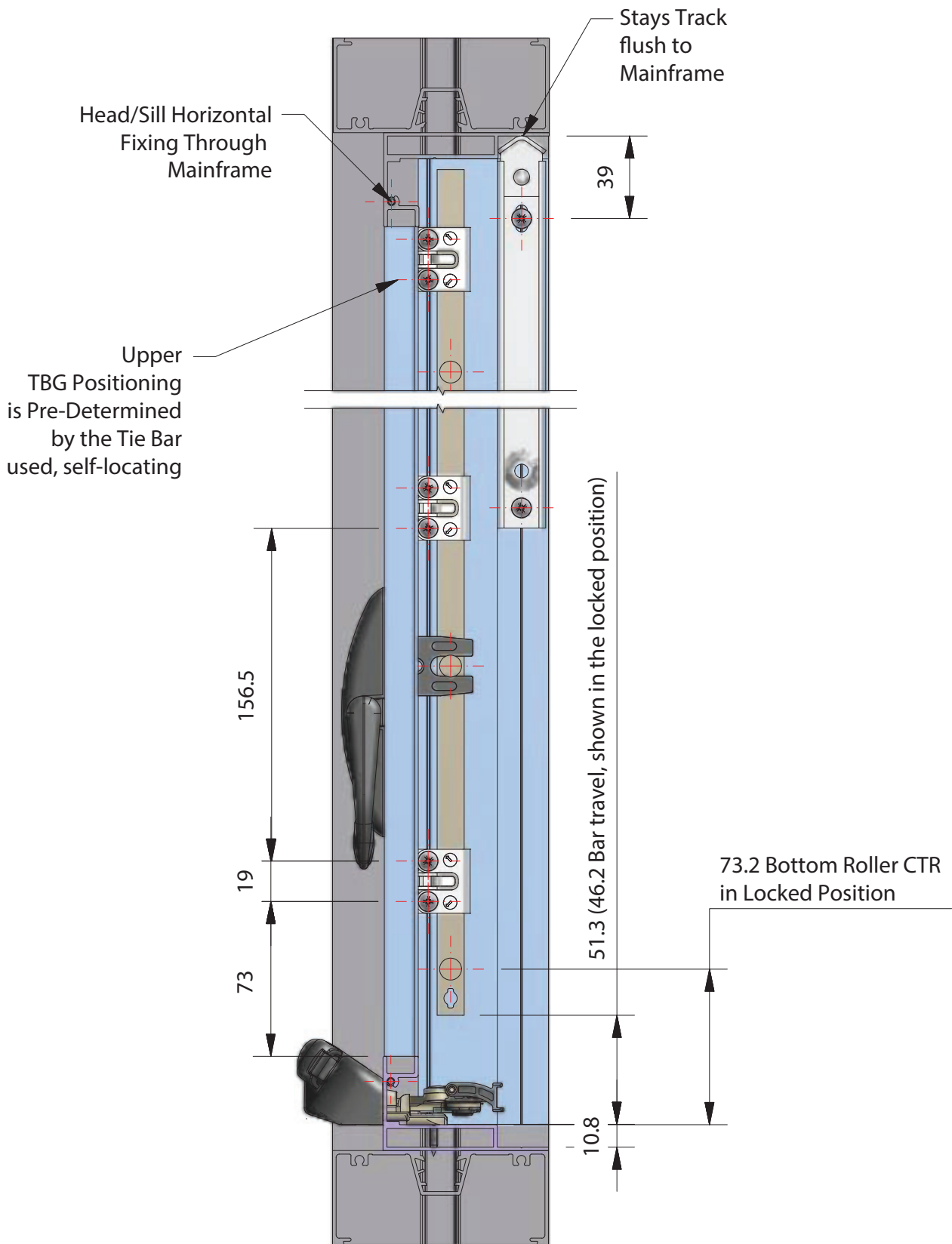


Alternative Corner Stake (1863) required if hydraulic crimp not available.
Disregard this detail if crimping with metal corner stake 1855.

See also: Disclaimer and Copyright information on page 3

Jamb Hardware

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



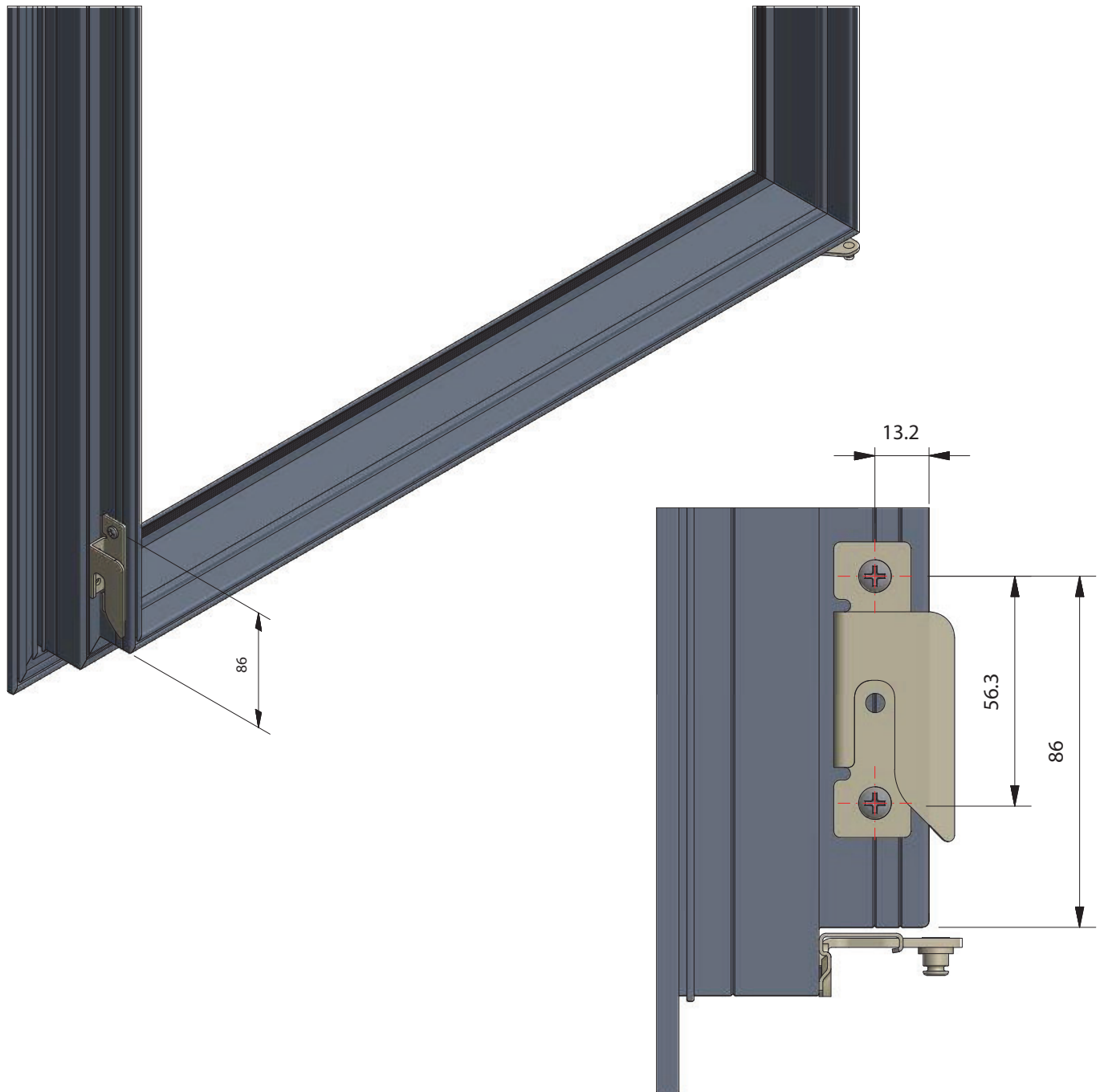
Fabrication

See also: Disclaimer and Copyright information on page 3

Multipoint Keep Placement

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

Fabrication

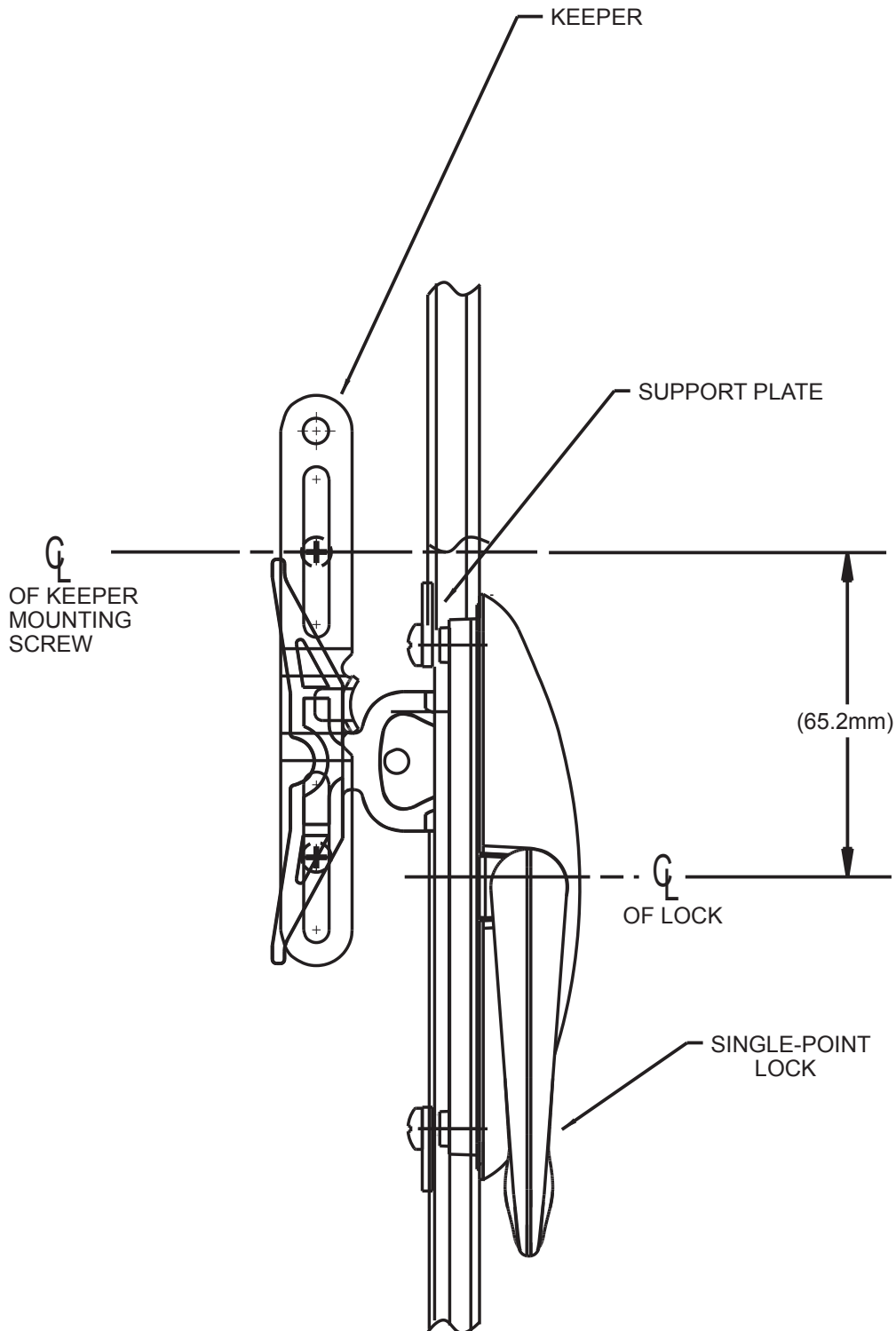


- ! Use SECOND V-Groove from inside Sash face to fix MP Keeps as shown
- Vertical location for the rest of Keeps Tie Bar dependant, located by MX Tie bar used
- Note: Keep middle fixing point optional
- Fasteners: #8 x 16 PN HD

See also: Disclaimer and Copyright information on page 3

Singlepoint Keep Placement

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



RIGHT HAND APPLICATION SHOWN

See also: Disclaimer and Copyright information on page 3

Singlepoint Keep Placement

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

Fabrication



Top left

Keeper placed on Sash V-Groove closest to outside of the window.

Top right

Lock handle pointed down for lock position.

Bottom right

Lock raised to catch onto keeper.



RECOMMENDED SCREWS:

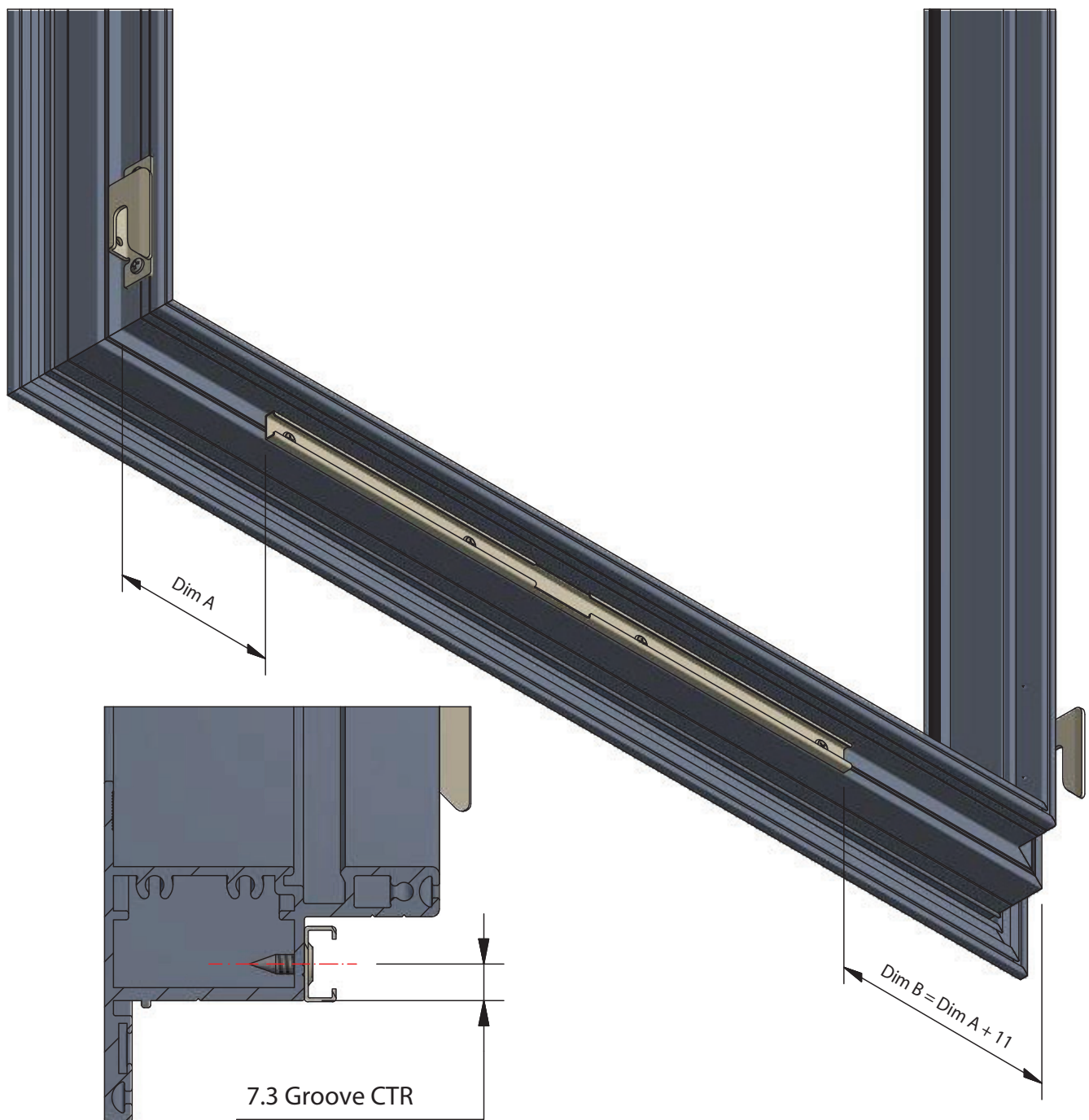
2-P/N 19298 #10-24 X 9/16 PH PAN HEAD
THREAD FORMING MACHINE SCREW

NOTE: FOR USE ON SINGLE WALL PROFILES

See also: Disclaimer and Copyright information on page 3

Awning Track Placement

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



Fabrication

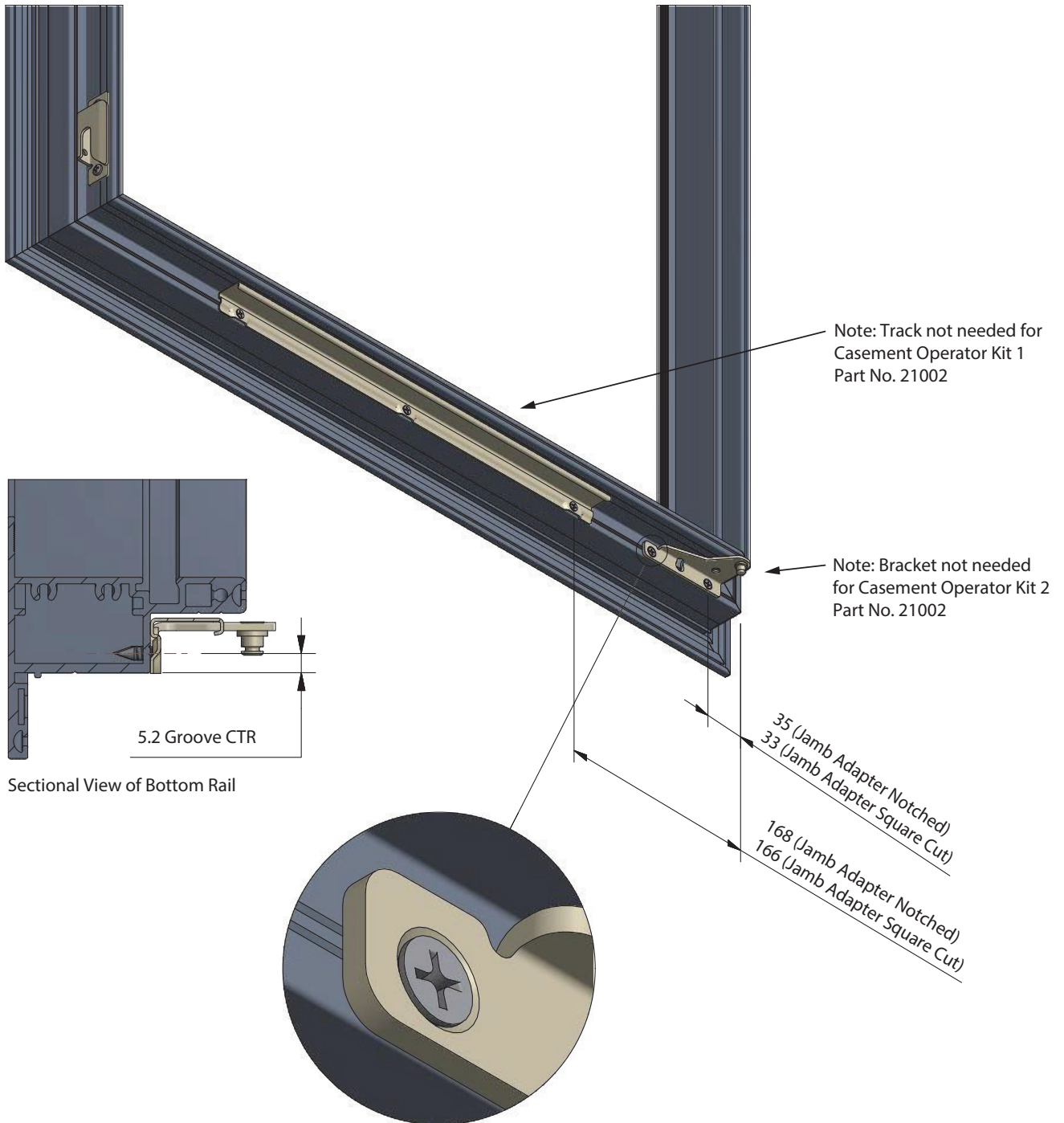
- ! Use TOP V-Groove on Sash Bottom Rail to fix Awning Track as shown
- Note: Track CTR is offset by 11mm to the left looking from inside
- Fasteners: #8 x 16 CSK

See also: Disclaimer and Copyright information on page 3

Casement Track Placement

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

Fabrication

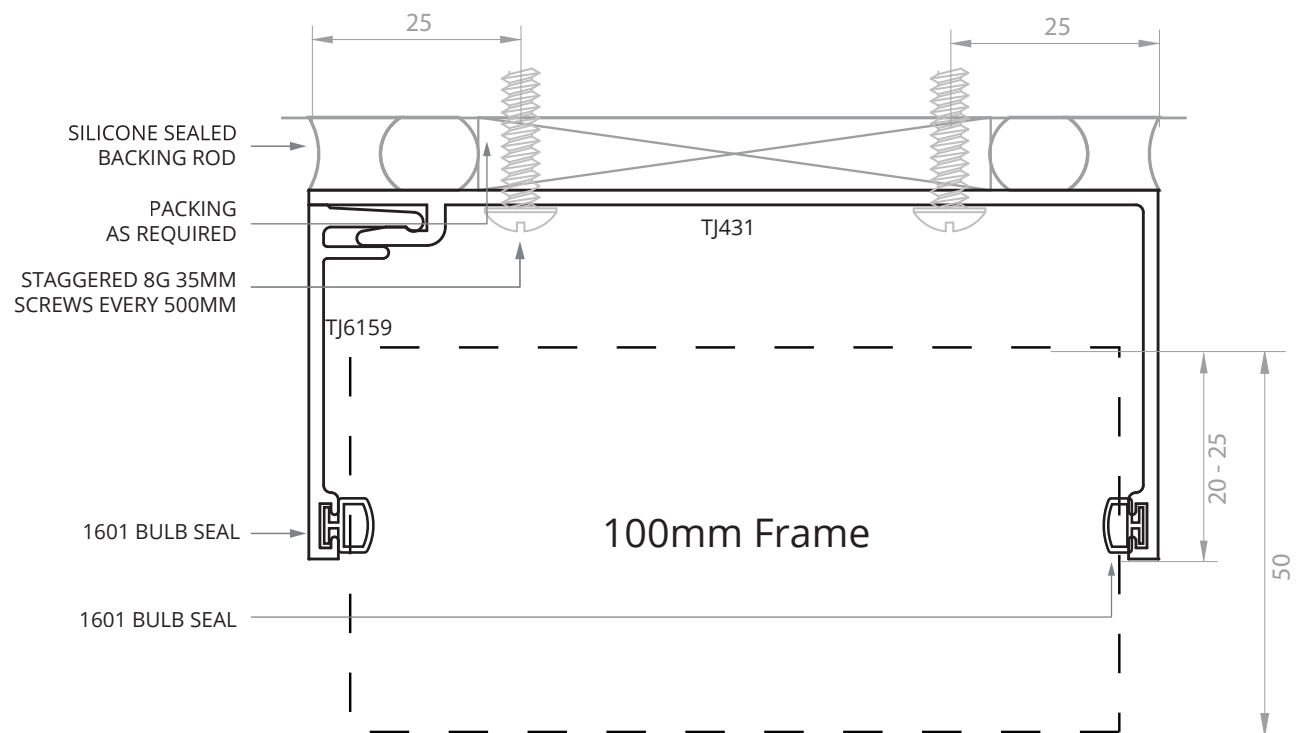
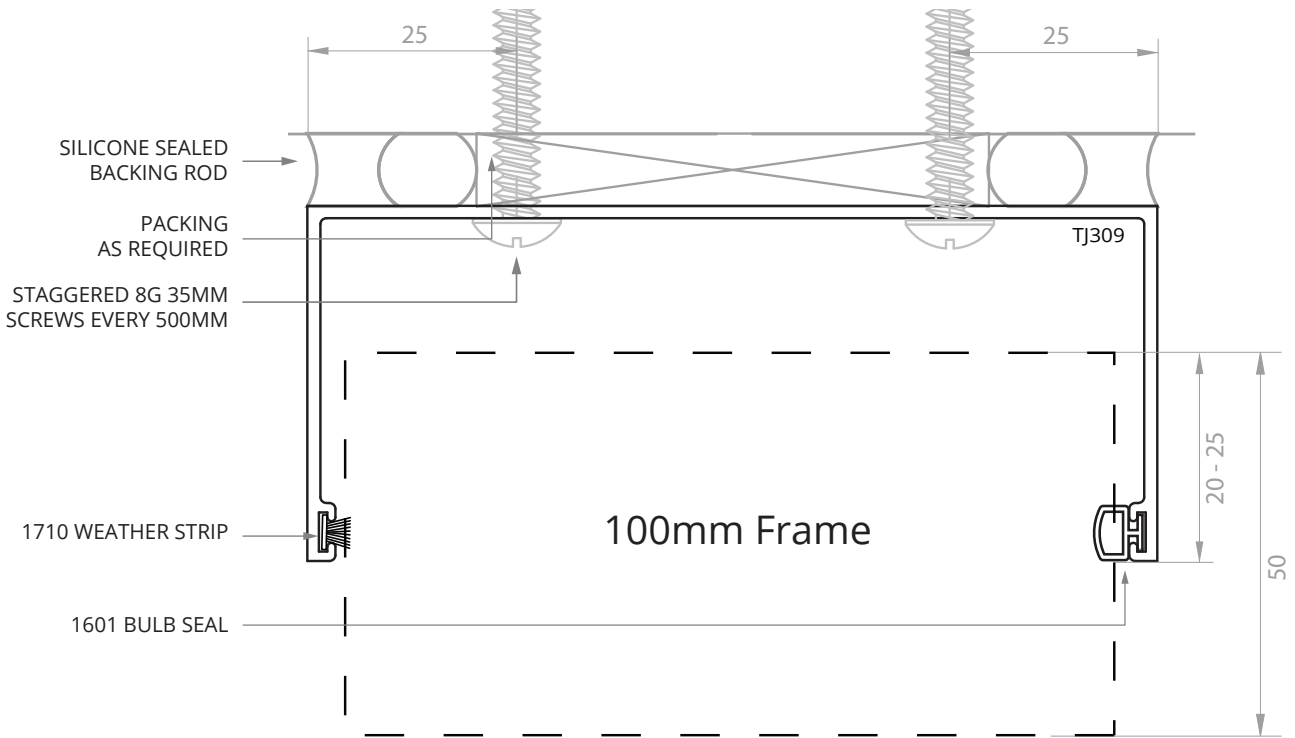


- ! Use BOTTOM V-Groove on Sash Bottom Rail to fix Casement Track & Bracket as shown
- Note: Bracket middle fixing point optional
- Fasteners: #8 x 16 CSK

See also: Disclaimer and Copyright information on page 3

100mm Subhead Options

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



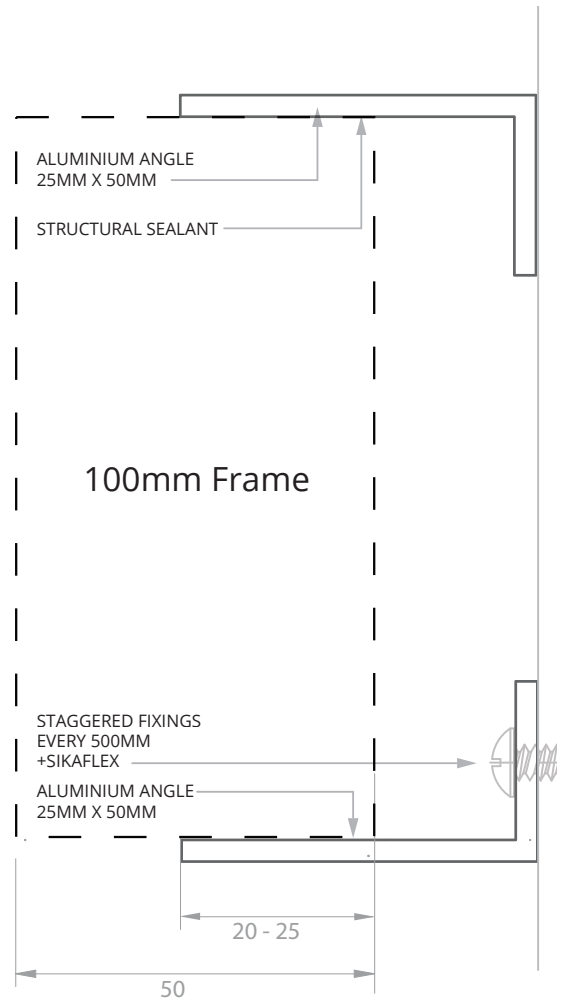
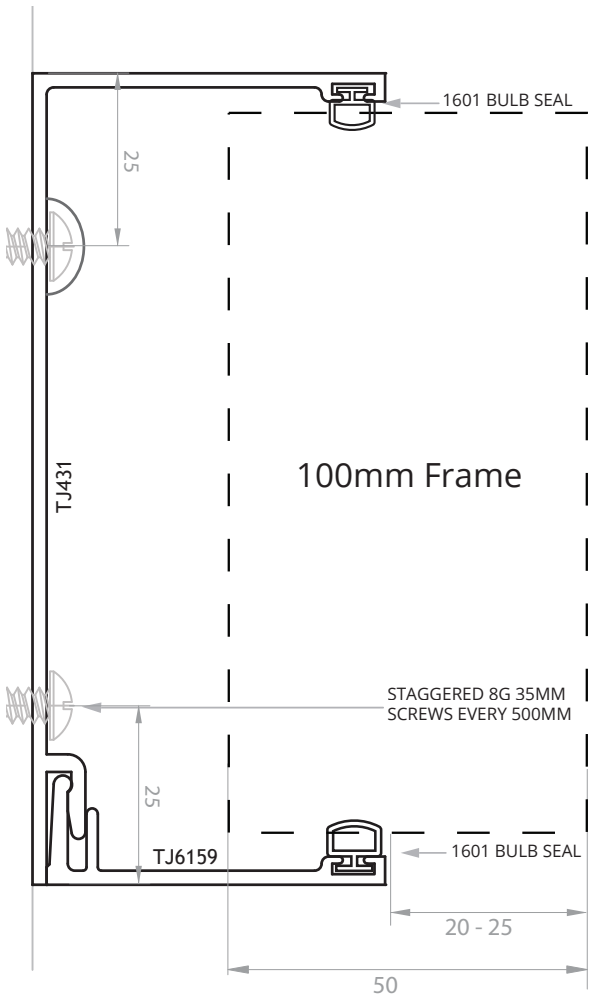
See also: Disclaimer and Copyright information on page 3

Fabrication

100mm SubJamb Options

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

Fabrication

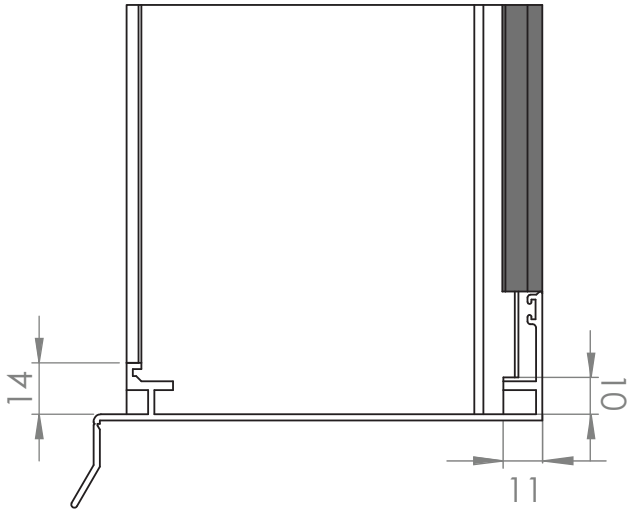


See also: Disclaimer and Copyright information on page 3

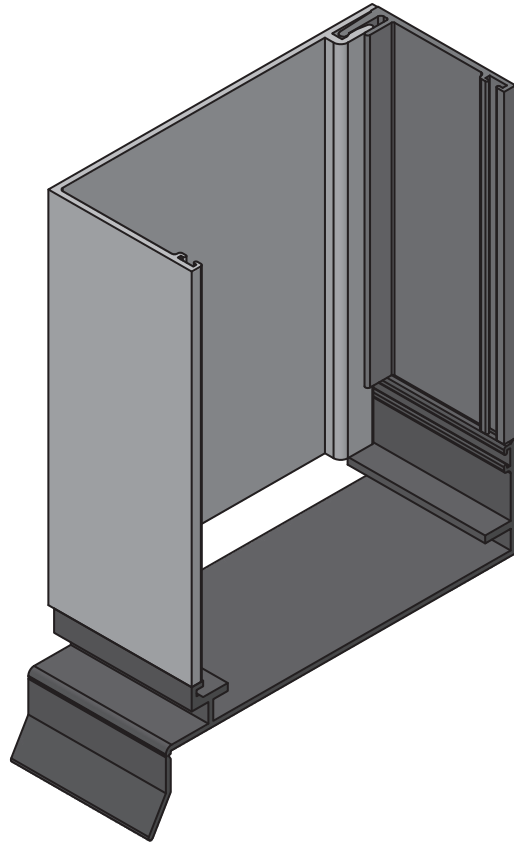
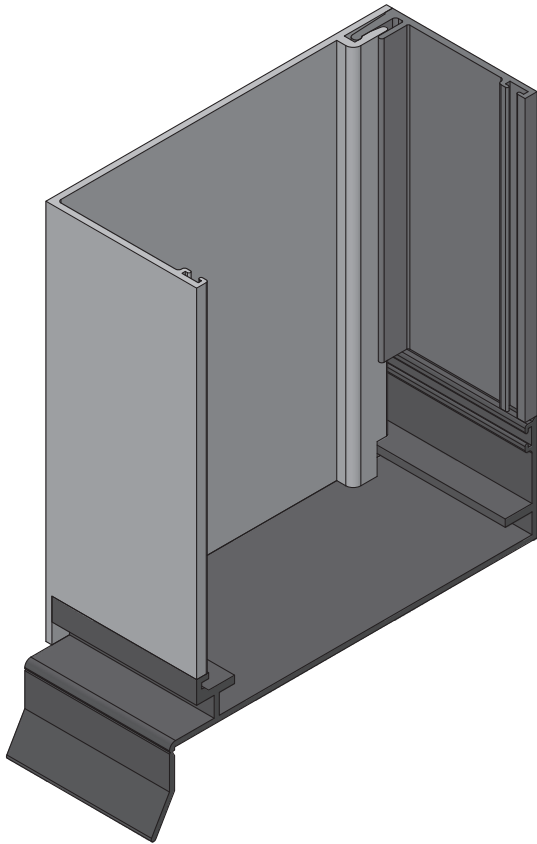
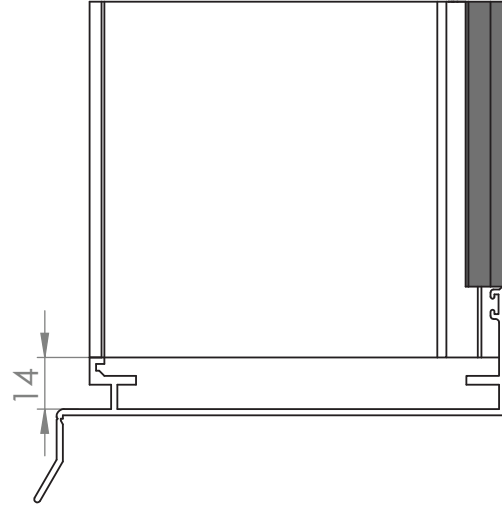
100mm Subframe Internal Bead

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

SQUARE CUT (INTERNAL BEAD)



MACHINED (INTERNAL BEAD)



Fabrication

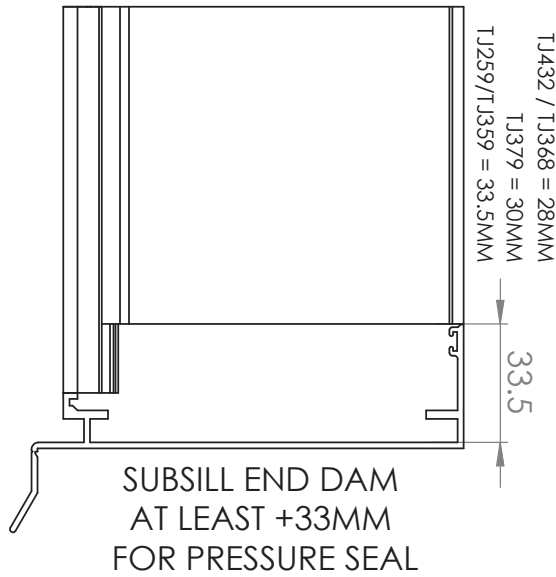
See also: Disclaimer and Copyright information on page 3

100mm Subframe External Bead

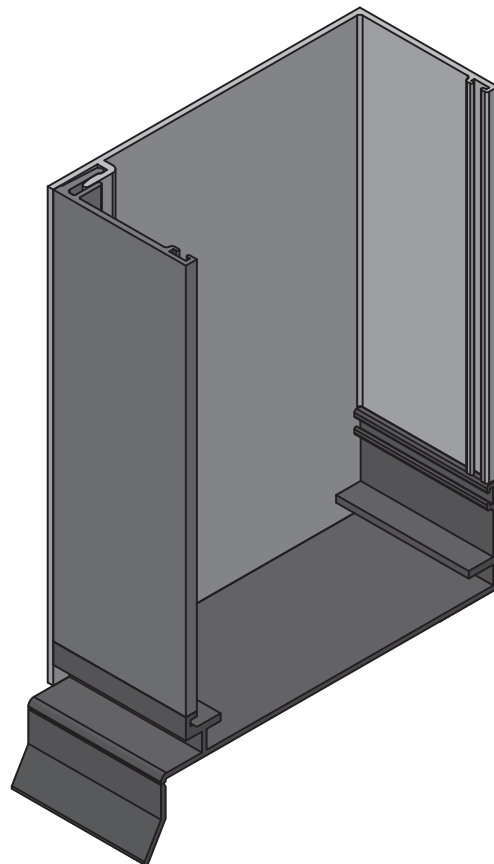
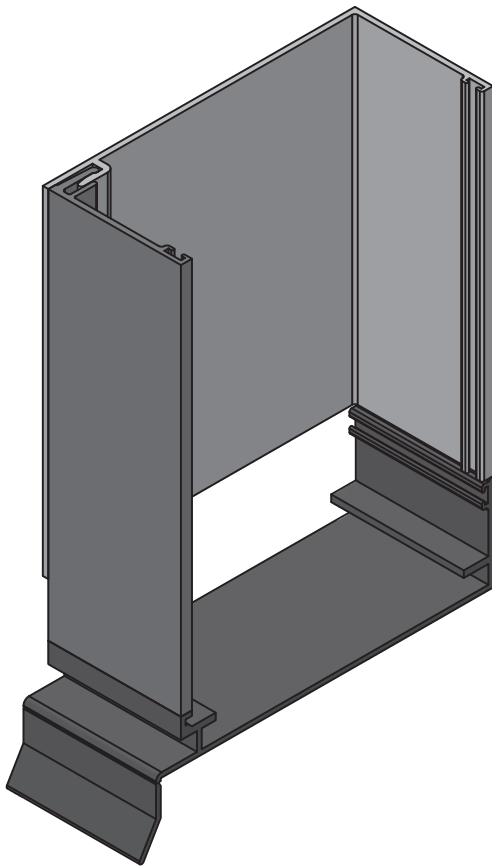
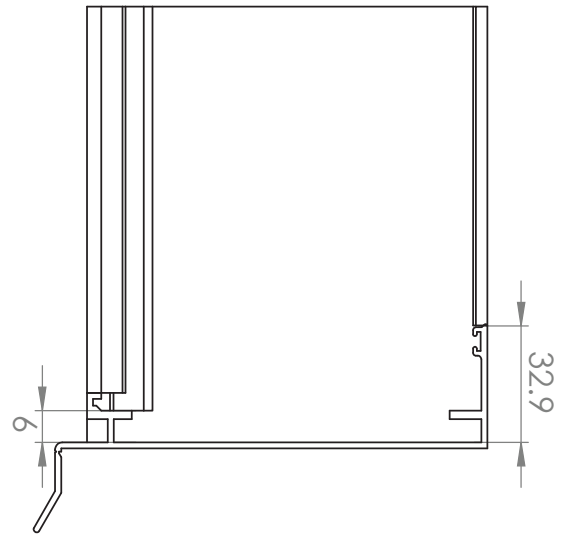
All raw joints need to be sealed with small joint sealer or foam tab option.

Fabrication

SQUARE CUT (EXTERNAL BEAD)



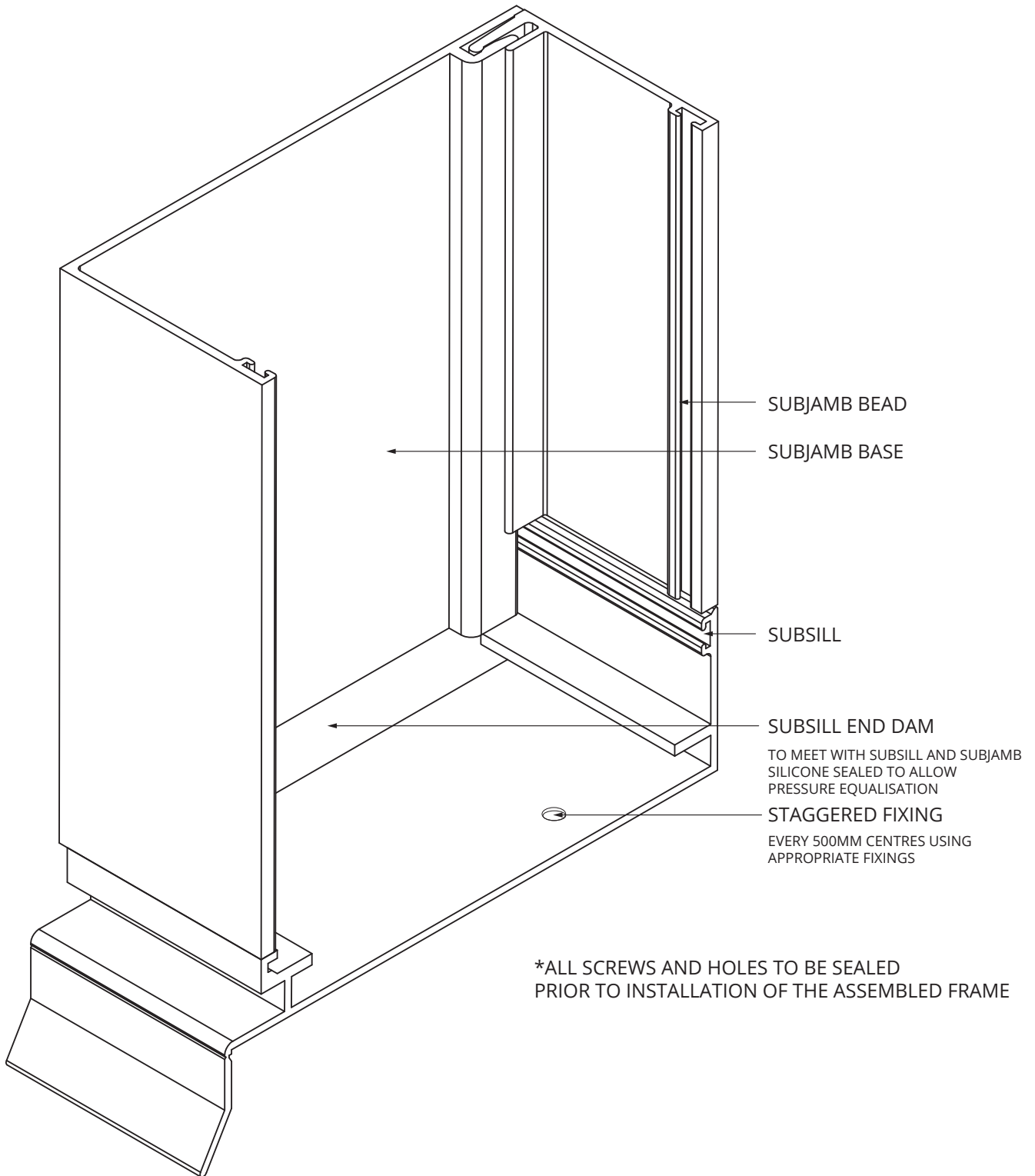
MACHINED (EXTERNAL BEAD)



See also: Disclaimer and Copyright information on page 3

Subsill End-Dam Installation

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

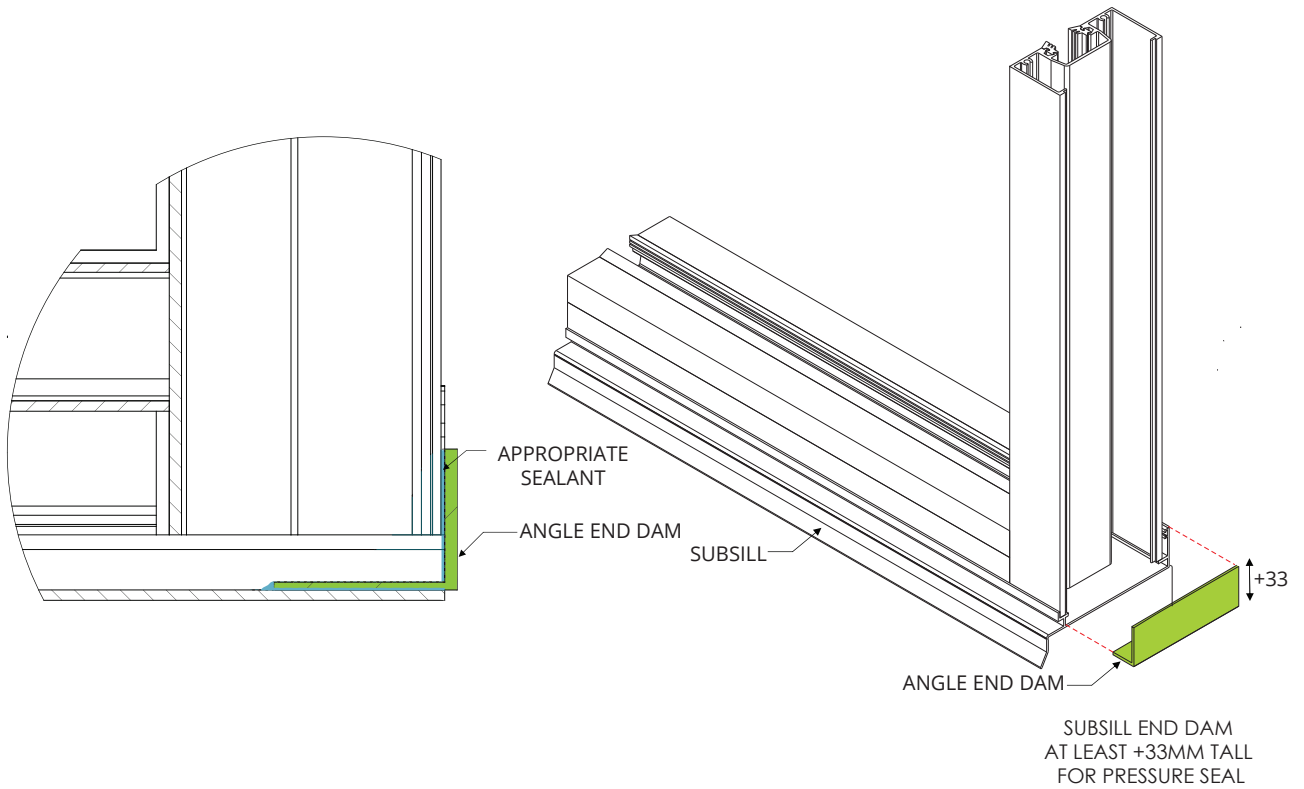
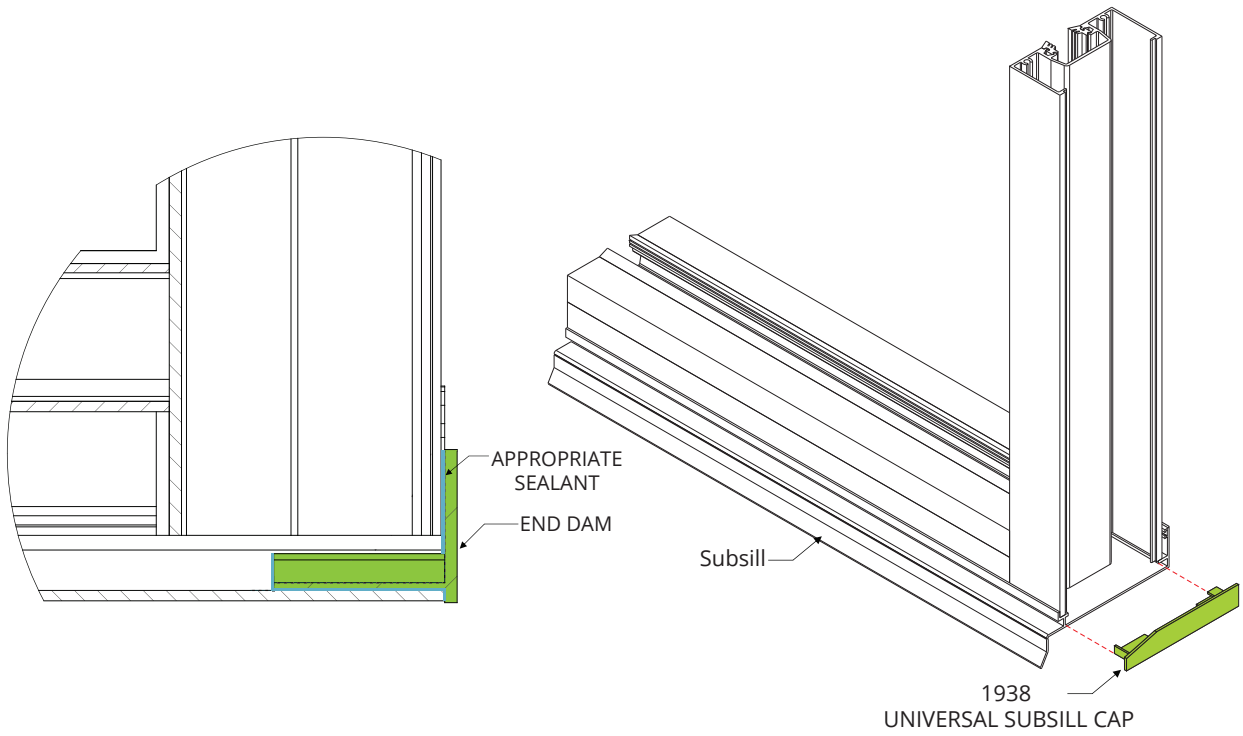


Fabrication

See also: Disclaimer and Copyright information on page 3

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

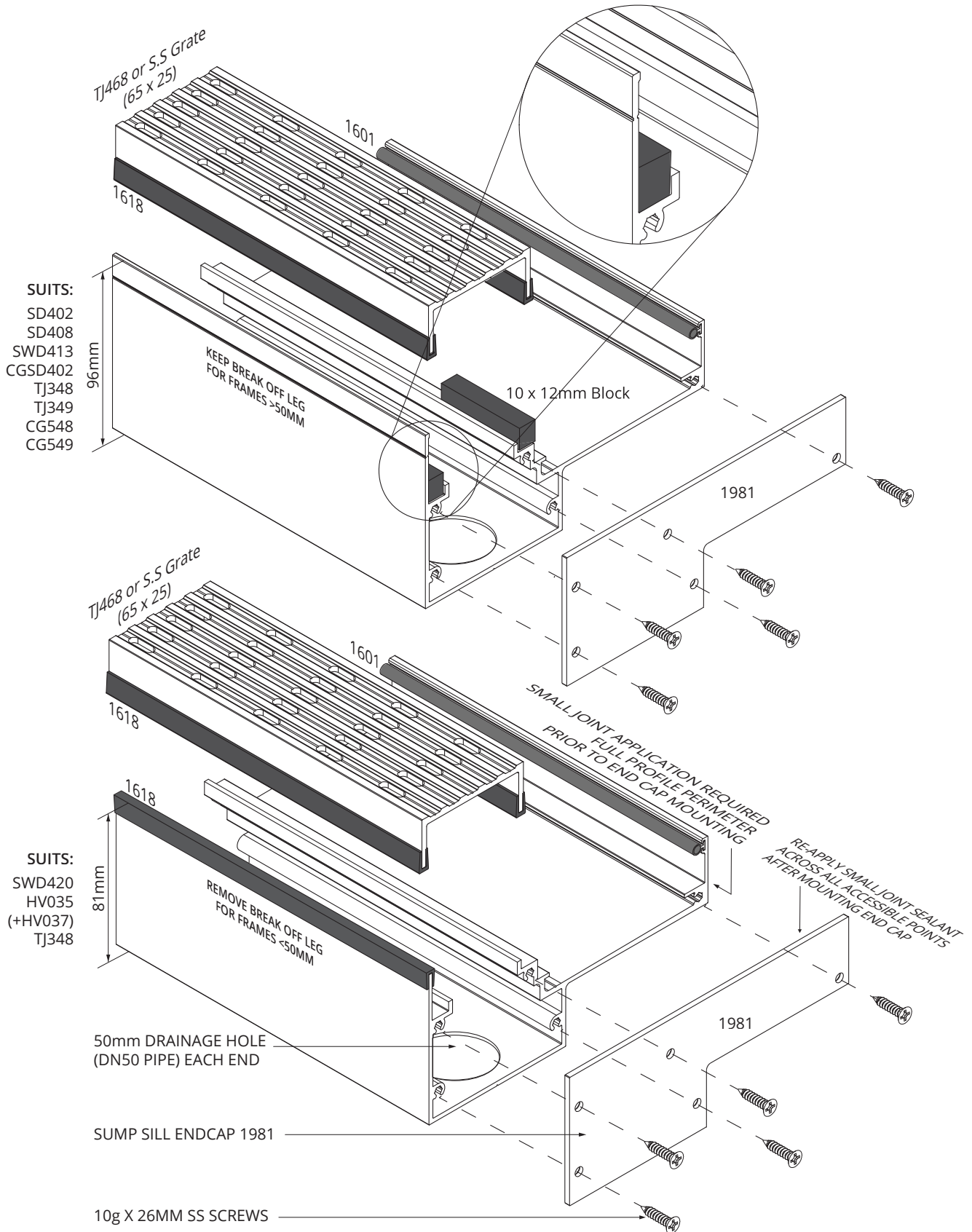
Fabrication



See also: Disclaimer and Copyright information on page 3

100mm Sump Sill

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



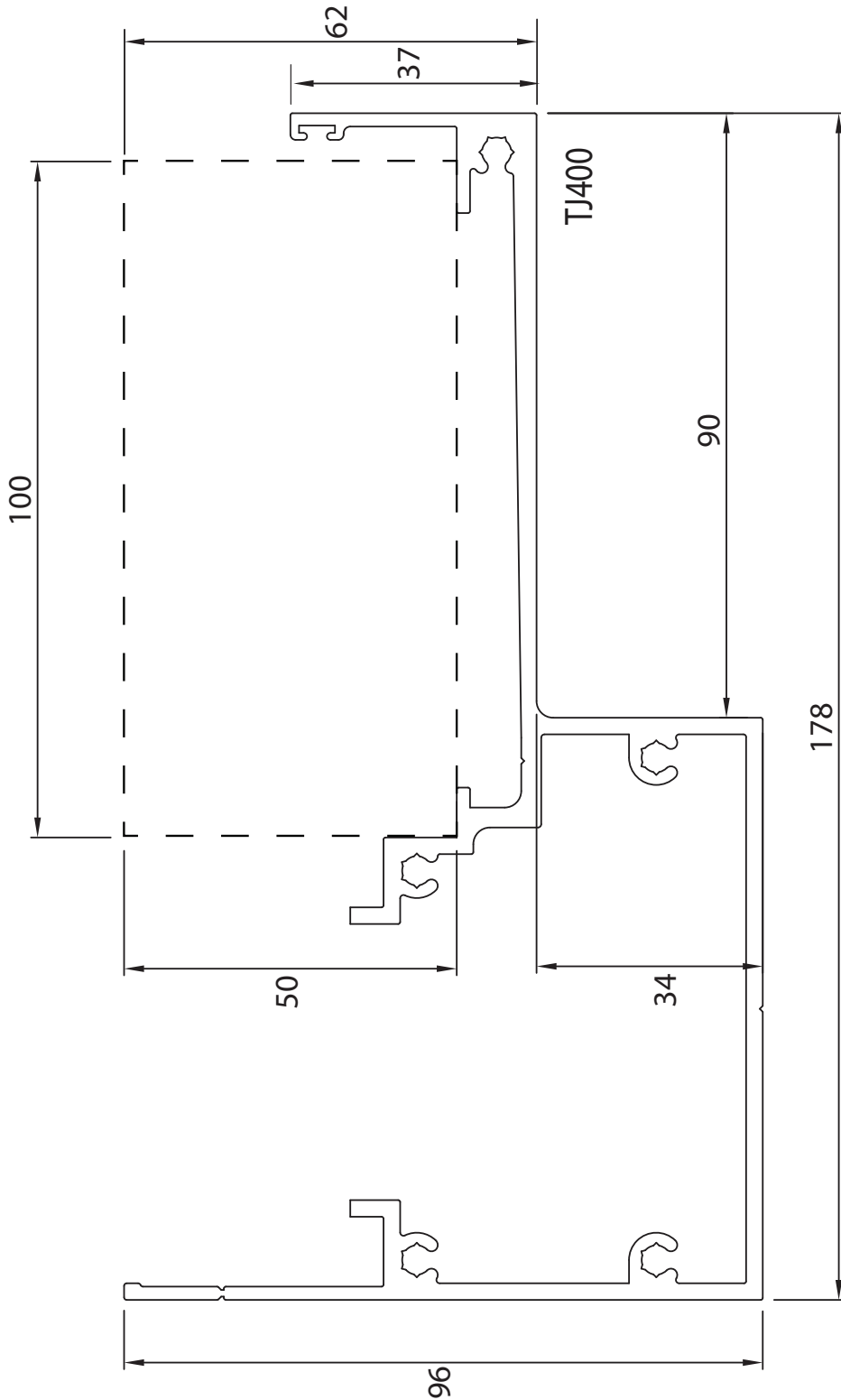
Fabrication

See also: Disclaimer and Copyright information on page 3

TJ400 Slab Recess Details (1:1)

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

Fabrication



See also: Disclaimer and Copyright information on page 3



AUSTRALIAN
**GLASS &
WINDOW**
ASSOCIATION
MEMBER



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/>

DARLEYALUMINIUM.COM.AU

ABN 14 076 364 657

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Fax: (02) 9834 3244
salesnsw@darleyaluminium.com.au

VICTORIA | SOUTH AUSTRALIA

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Tel: (03) 9238 3888
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WESTERN AUSTRALIA

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Tel: (08) 9437 2999
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saleswa@darleyaluminium.com.au

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

NEW SOUTH WALES

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