

PRODUCT MANUAL
REV. 3 Aug. 2021



FAÇADE 60

NON-THERMAL

FLUSH GLAZING CURTAIN WALL SYSTEM



crealco

A product of

WISPECO
Aluminium

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FAÇADE 60™

NON-THERMAL FLUSH GLAZING CURTAIN WALL SYSTEM

General Documentation Disclaimer

This manual is intended as a manufacturing and installation advisory document. For correct specifications, sizing of profiles and structural information please consult the Starfront Application. If the information you require is not available through the Starfront Application, please contact your stockist before proceeding. It is advisable to have all sizing and performance criteria checked by a qualified structural engineer to ensure that the required criteria will be met.

All information, recommendations or advice contained in this documentation is given in good faith to the best of Wispeco's knowledge and is based on current procedures in effect.

Since the actual use of this documentation by the user is beyond the control of Wispeco, such use is within the exclusive responsibility of the user. Wispeco cannot be held responsible for any loss incurred through incorrect or faulty use of this documentation. Training of Wispeco systems is important for ensuring correct procedures in the manufacturing of products.

Great care has been taken to ensure that the information provided is correct.

Ensure that you have the latest available manual. The revision number and date can be checked on the latest Starfront version.

Wispeco will accept no responsibility for any errors and/or omissions, which may have inadvertently occurred.

This Guide may be reproduced in whole or in part in any form or by any means provided the reproduction or transmission acknowledges the origin, revision number and copyright date.

Specifications concerning products and applications

This manual is based on standard configurations only. As there are many configurations not covered in this manual, contact your stockist with regards to a configuration not represented herein if required.

AutoDesk drawings (CAD Symbol Library) are available on request and can be issued with the consent of the Wispeco Technical Department.

All mechanical joints must be sealed with a Crealco approved joint sealer. Failure to correctly seal the joints can affect the performance of the system. Information on joint sealing can be found in the Cleaning & Maintenance Manual available for download from the Wispeco website or from Starfront.

All drawings in the Wispeco Documentation are shown NOT to scale and are used for illustrative purposes only.

Wispeco will not accept responsibility for the use of standard products since Wispeco does not know where these products are being installed.

The hardware recommended in this documentation is suitable for use in most atmospheric environments. When hardware is used in severe coastal environments the manufacturer of the hardware must be consulted.

The use of non-specified hardware or incorrect mechanical fasteners can adversely affect the mechanical and weathering performance of the system and we strongly advise against deviations. A Wispeco Consultant can advise you of any hardware issues and limitations with regard to this system.

The use of anti-magnetic stainless steel screws and aluminium pop rivets is recommended to reduce galvanic corrosion in harsh environments.

Fixing lugs on frames must be positioned as per the user manual and used in accordance to the AAAMSA specifications. When profiles are screwed together the screw centers must also be according to the user manual or as specified by an engineer.

All glass used within Wispeco products must comply with SAGGA regulations. Laminated glass must not stand in water.

By continuing to use this documentation you acknowledge that you understand and accept the legal disclaimer.

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system.

In order for this product to function properly, it is important to follow the correct procedures of this manual as well as attend the training session at an approved Wispeco training facility.

Special attention needs to be noted regarding the drainage/decompression, as water must be drained smoothly under control, one must ensure that all profiles are cleanly cut & deburred. Another important note is to ensure that all the screws are firmly fixed & that no burr is collected when tightening of screws under the washers. It is recommended to always use structural silicone where required.

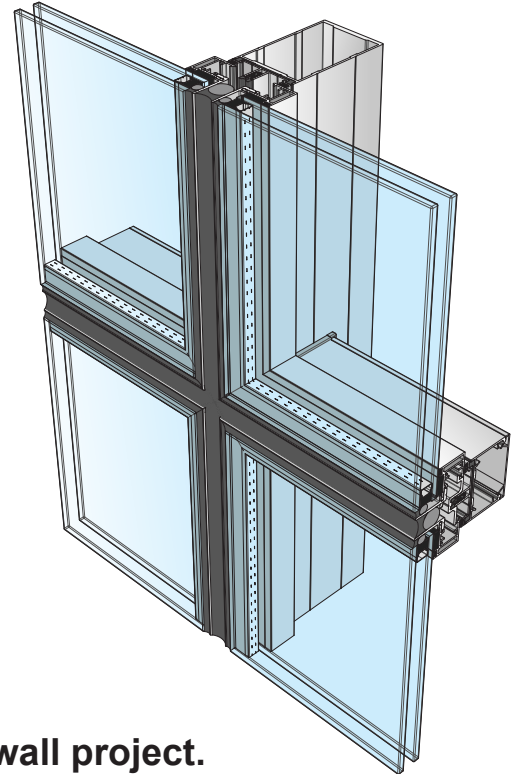
Regarding the cutting of gaskets, it is recommended to cut slightly longer to allow for shrinkage (avoid any stretching when fitting the gaskets). Should gaskets be difficult to insert into the profiles, silicone spray can be applied. Approved vulcanising glue to be applied on end joints as shown in the manual.

Another important consideration to note is that the glass may not come into contact with the aluminium without gaskets & glass setting blocks. It is recommended that for each project, a structural engineer confirms wind load as well as all fixings, brackets & bracket positioning.

Before making a sample to have tested for AAAMSA certification purposes, please contact the testing station to confirm what size the frame the curtain wall will be tested in needs to be in order to be properly clamped in the test rig.

NB!!

Due to the fact that flush glazing curtain wall system requires scaffolding for installation, Wispeco recommends a max. height of 10 m (3 storey buildings), should higher screens be required, an engineer should be consulted.



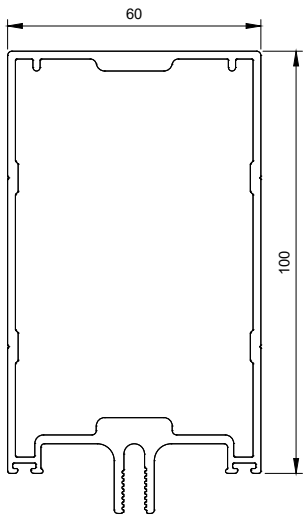
Important notes to consider when doing a curtain wall project.

- 1) Recommend that Detailed Shopdrawings should always be submitted with the specified wind load, even if no drawings have been requested.
- 2) As in all systems, there is a maximum limitation as to how much the facade curtain wall screen can move within a building, these aspects should be discussed before construction with an Eng.
- 3) The correct sealant must be specified by the relevant specialist when sealing between the facade curtain wall & the building.
- 4) Confirmation if an AAAMSA test is required for the relevant project.
- 5) The finished floor & ceiling details need to be considered for intergrating with the CF60 curtain wall.

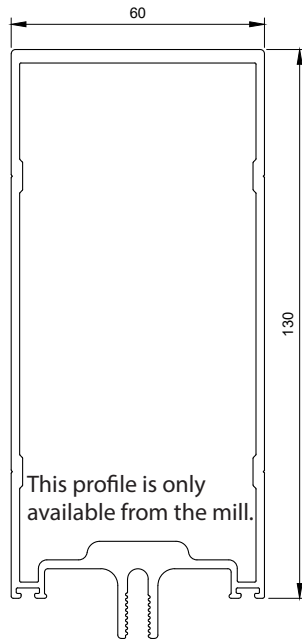


PROFILE IDENTIFICATION

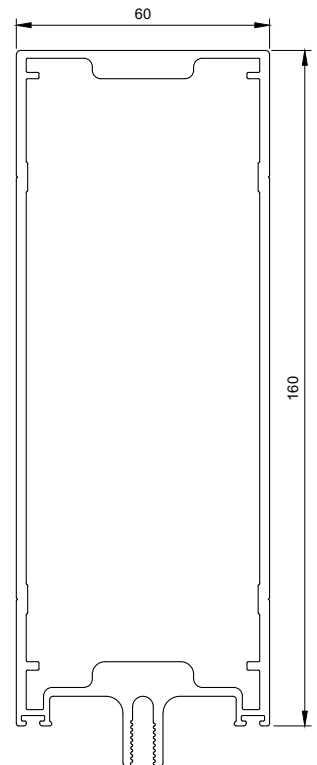
FLUSH GLAZING CURTAIN WALL SYSTEM PROFILES



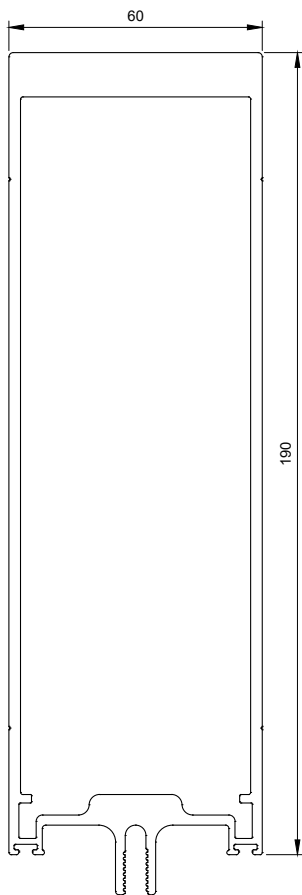
DIE No. W58421
 F60 Mullion Non Thermal 100mm



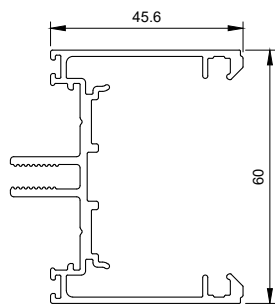
DIE No. W58659
 F60 Mullion Non Thermal 130mm



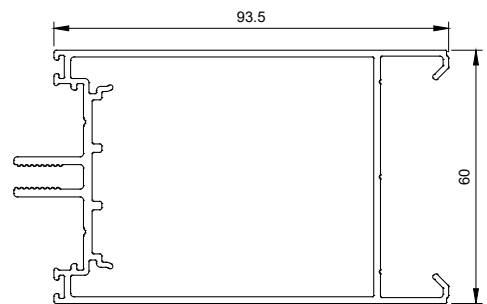
DIE No. W58433
 F60 Mullion Non Thermal 160mm



DIE No. W58460
 F60 Mullion Non Thermal 190mm



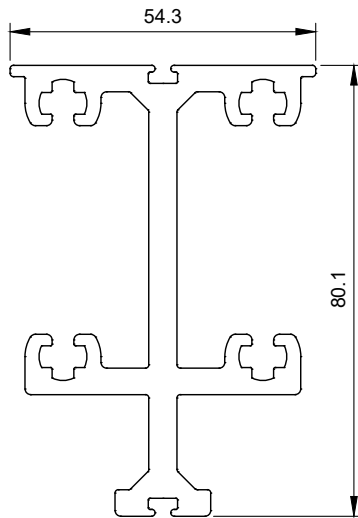
DIE No. W36878
 F60 Transome Non Thermal 50mm



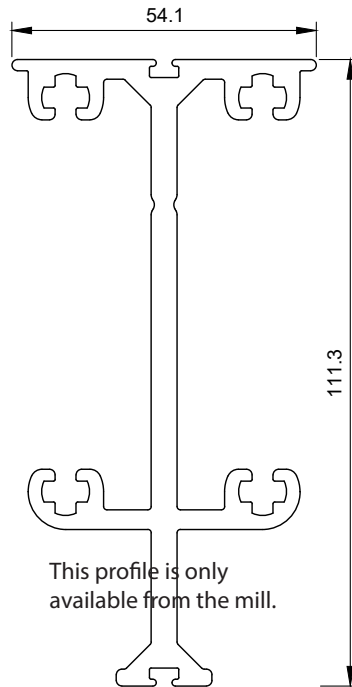
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 F60 Transome H/D Non Thermal 100mm



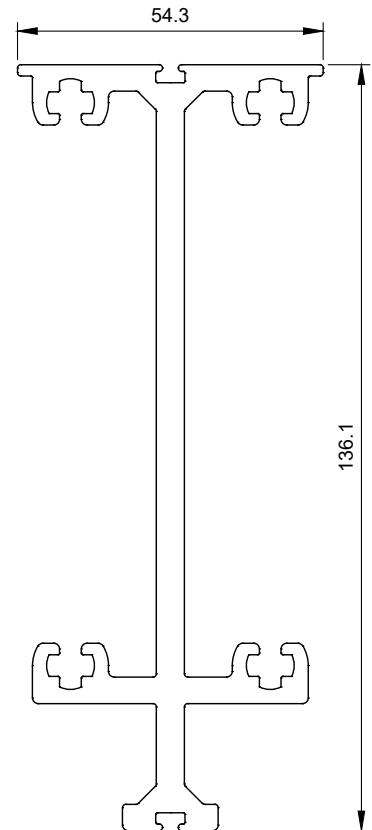
DIE No. W58660
 F60 Transome Non Thermal 130mm



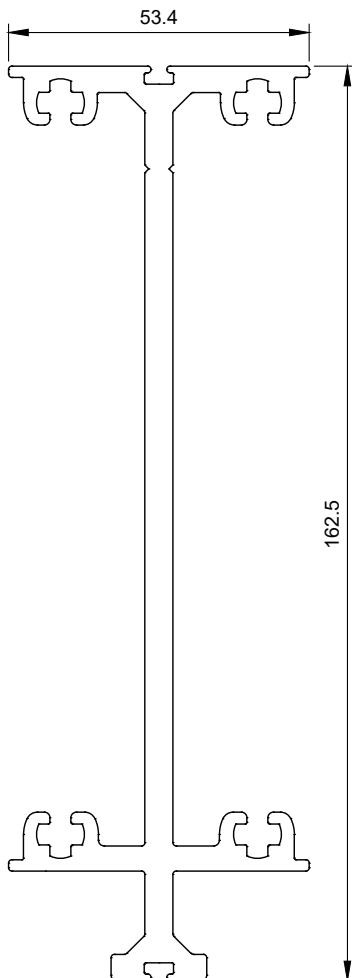
DIE No. W35122
 F60 Expansion Profile 100mm



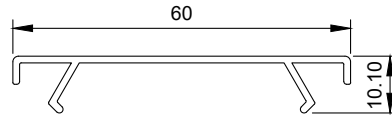
DIE No. W37265
 F60 Expansion Profile 130mm



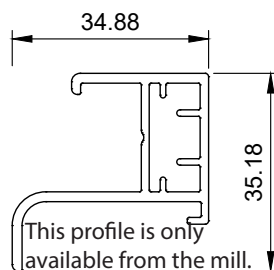
DIE No. W35178
 F60 Expansion Profile 160mm



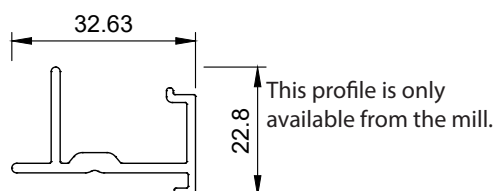
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 F60 Expansion Profile 190mm



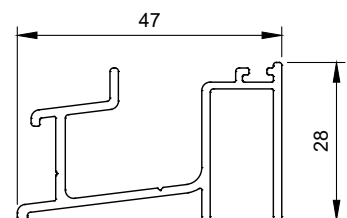
DIE No. W34911
 F60 Transome Cover Clip-On



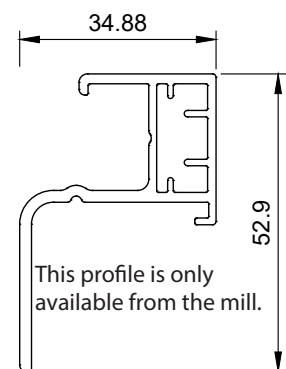
DIE No. W58980
 F60 F/G Frame Single



DIE No. W37779
 F60 F/G Adaptor Single/Double Glazed



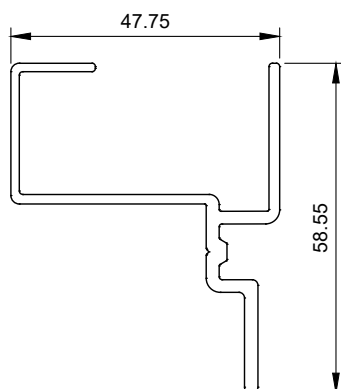
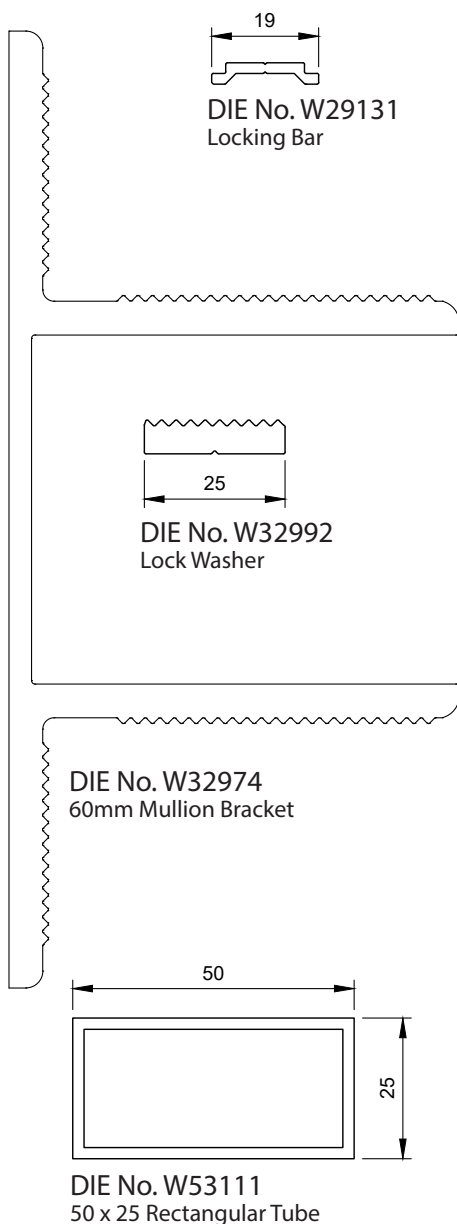
DIE No. W35070
 F60 Sill



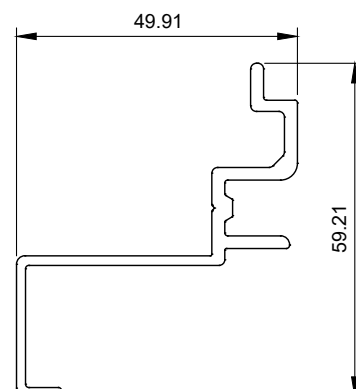
DIE No. W58981
 F60 F/G Frame Double

PROFILE IDENTIFICATION

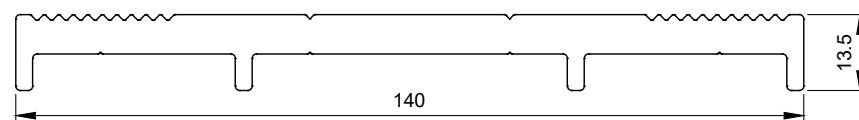
FLUSH GLAZING CURTAIN WALL SYSTEM PROFILES



DIE No. W36015
 F60 Flush Glaze Top Trim

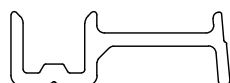


DIE No. W36014
 F60 Flush Glaze Bottom Trim



DIE No. W35177
 F60 Base Plate

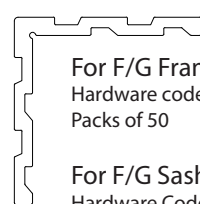
TOGGLES AND SPIGOTS



F60 Flush Glaze Mullion Clamp
 Hardware code: F60-FGC-36414
 Packs of 20 (For staight or curved screens)

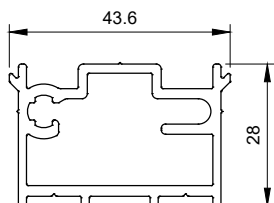


F60 Flush Glaze Spacer
 Hardware code: F60-FGS-35702
 Packs of 20



For F/G Frame & F/G Sash Outer Frame
 Hardware code: LGC-52695-42
 Packs of 50

For F/G Sash only
 Hardware Code: LGC-52695-28



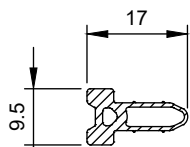
Hardware code: F60-GSS-57172
 F60-Transome Spigot
 (Packs of 20)

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system.

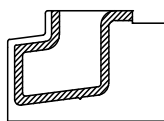
HARDWARE COMPONENTS

RECOMMENDED HARDWARE COMPONENTS

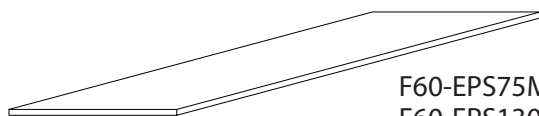
ACCESSORIES



F60-S14MM
F60 14 mm Spacer (Single Glazing)



F60-SEC
Sill End Caps



**F60-EP575MM/
F60-EP5130MM**
Expansion Profile Spacer

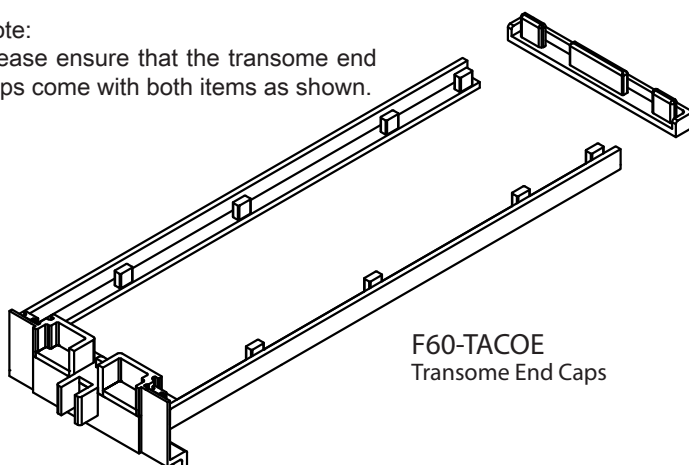


F60-T20x20
Sondor Tape



F60-VG
Vulcanising Glue

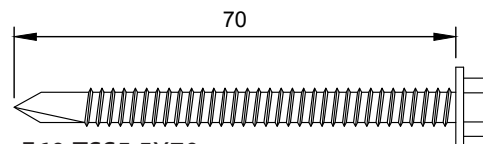
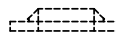
Note:
Please ensure that the transome end caps come with both items as shown.



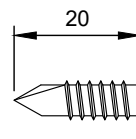
F60-TACOE
Transome End Caps

FASTENERS

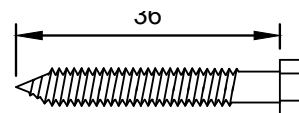
F60-W10X3
Pressure Plate Washer



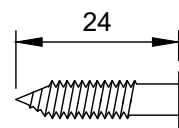
F60-TSS5.5X70
5.5 x 70 St. St. Self Drilling Tek Screw
(No. 8 drill bit)



F60-TSS6.3X20
6.3 x 20 St. St. Self Drilling Tek Screw
(No. 10 drill bit)



F60-TSS6.3X36
6.3 x 36 St. St. Self Drilling Tek Screw
(No. 10 drill bit)



F60-PPS6.3X24
6.3 x 24 Pressure Plate Screw
(No. 10 drill bit)



FSP-089P-SS
NO. 8 x 9 Panhead St. St. Screw

GASKETS



GSL-AL-H602
Y-Seal Gasket



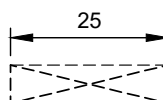
F60-PIG
Push-In Gasket



GBF-EPVC
Butterfly Euro Gasket

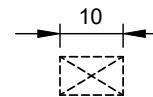


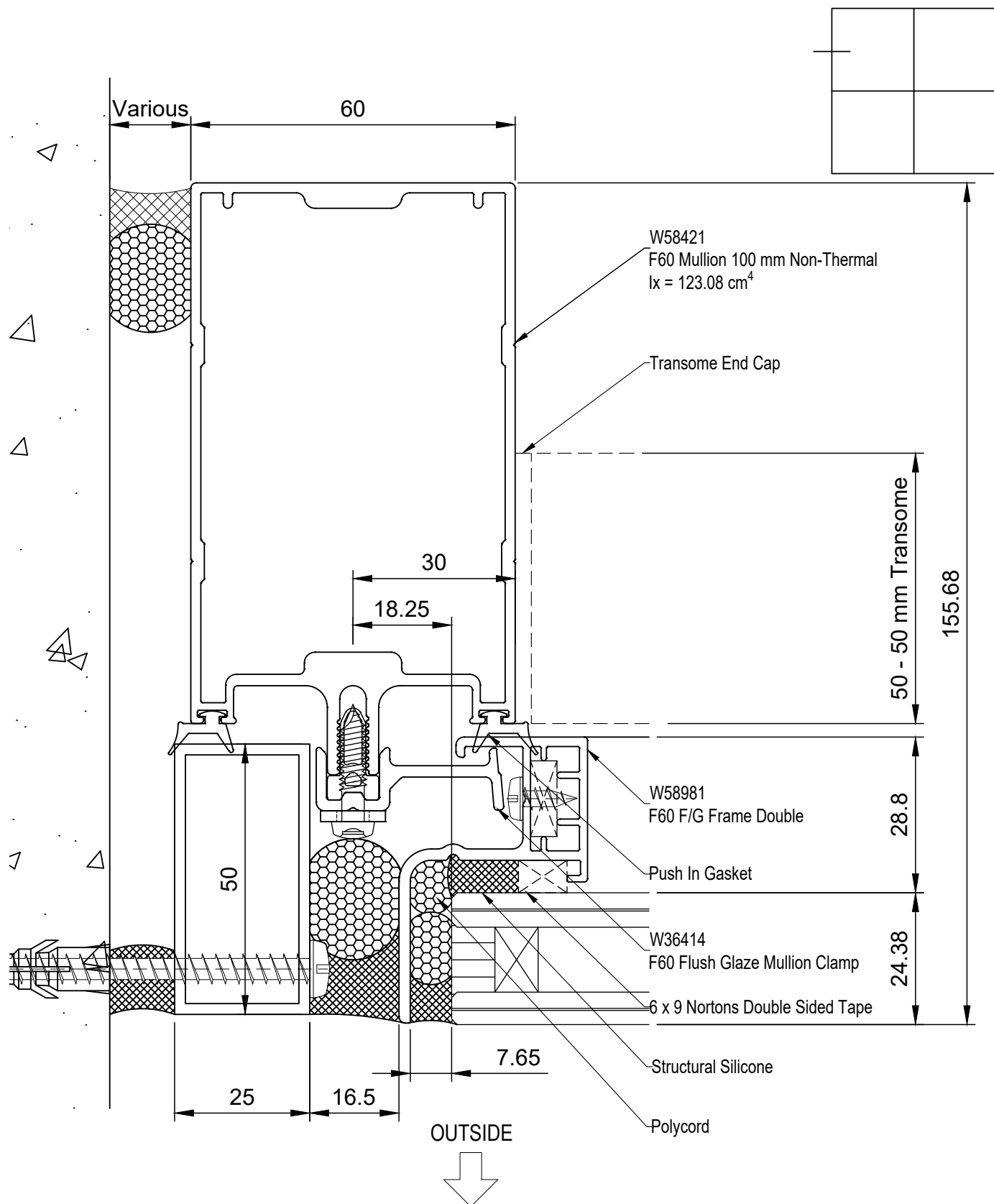
GSL-WSF
Weatherseal Gasket



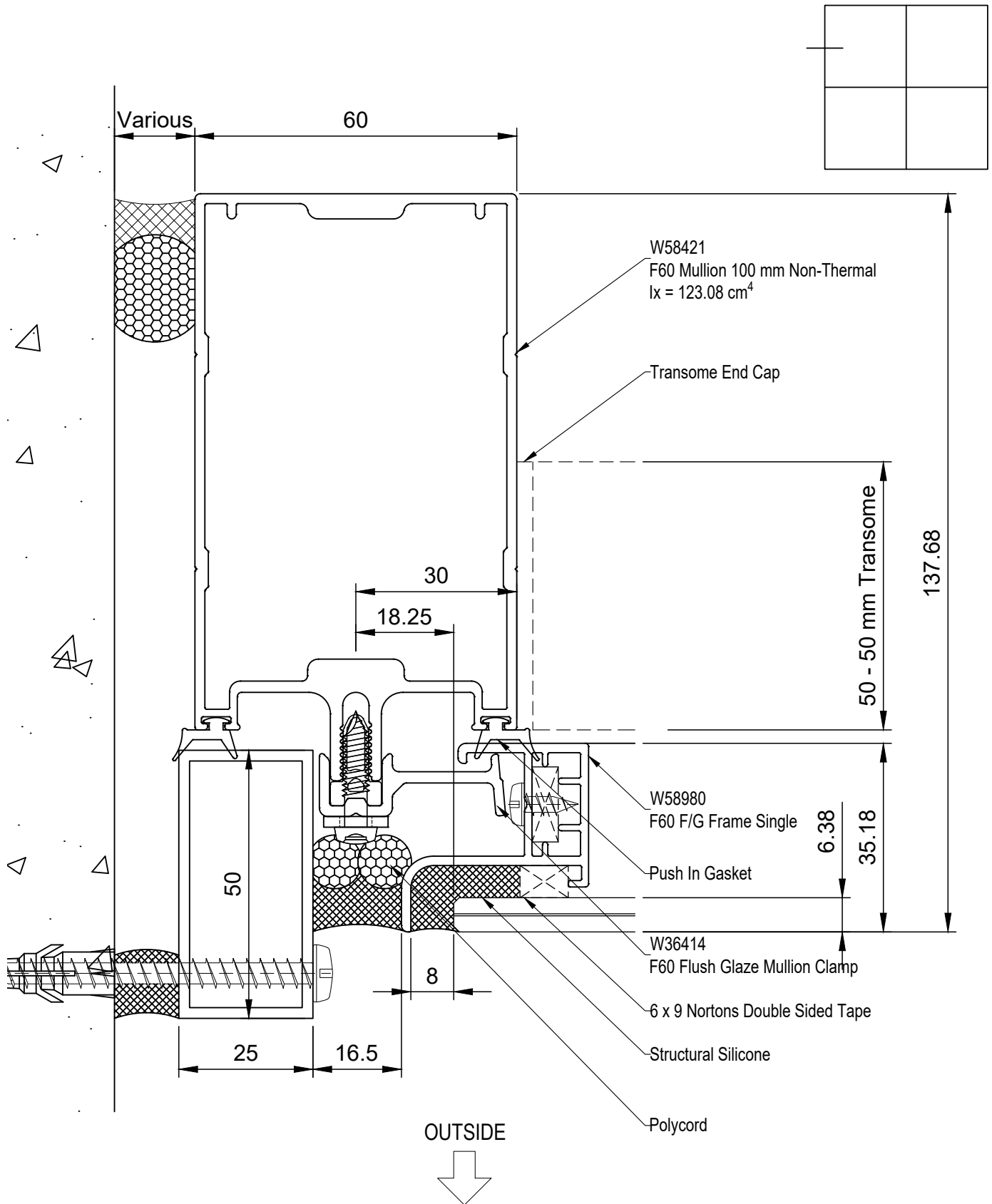
GSN-GSBDG40
Glass Setting Blocks
(Double Glazing)

GSN-GSBSG100
Glass Setting Blocks
(Single Glazing)



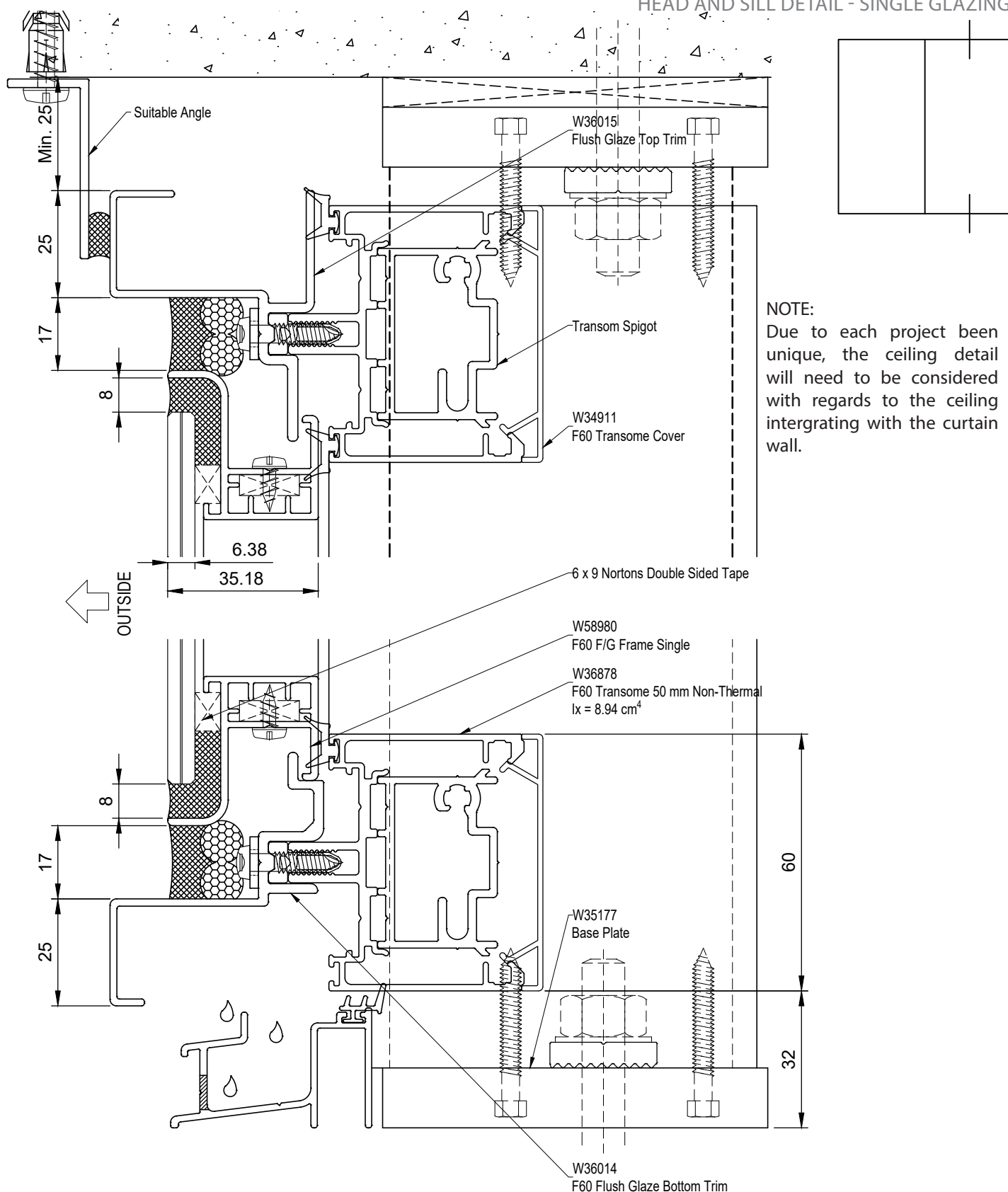


This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system.



FAÇADE 60 SECTIONS

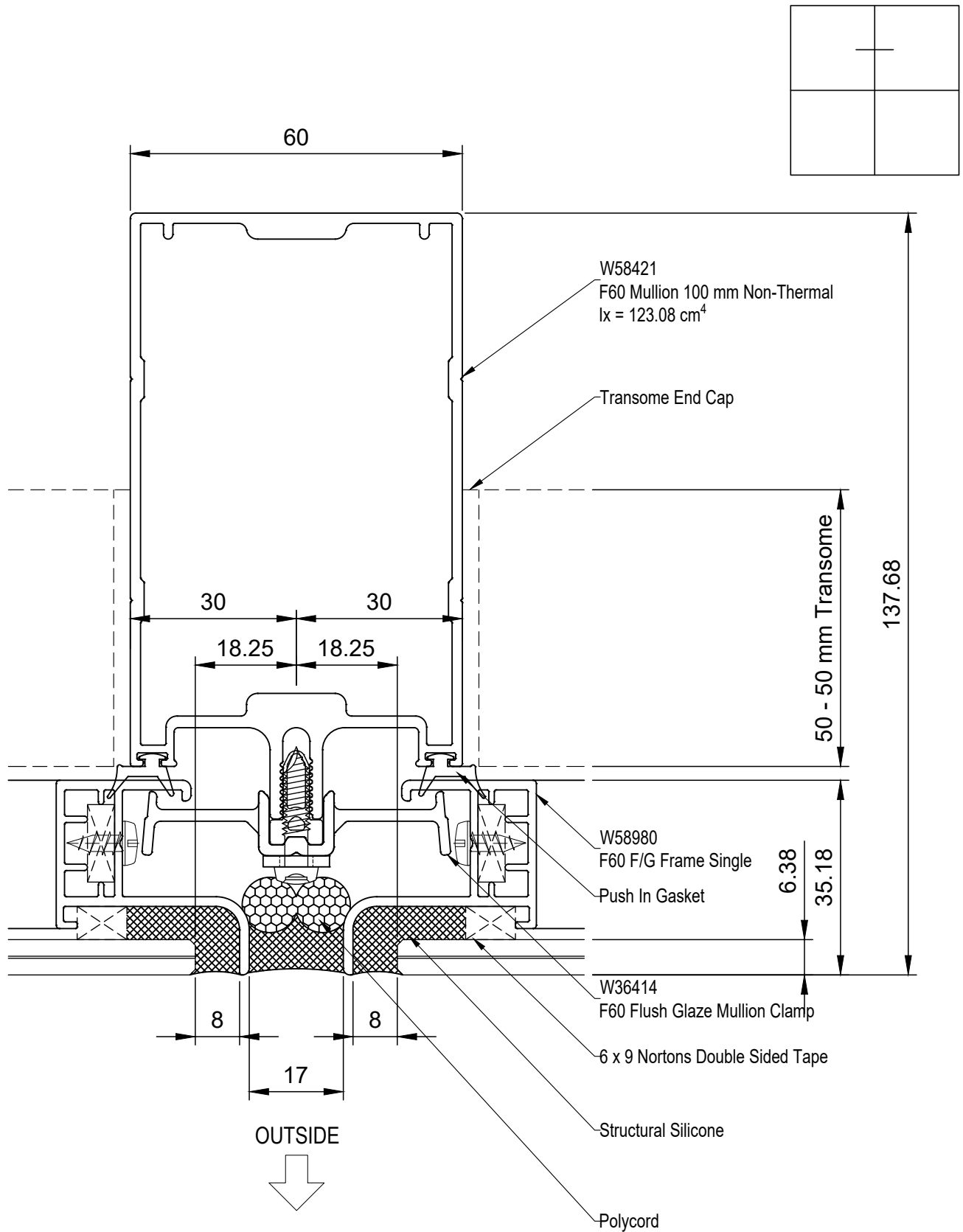
HEAD AND SILL DETAIL - SINGLE GLAZING

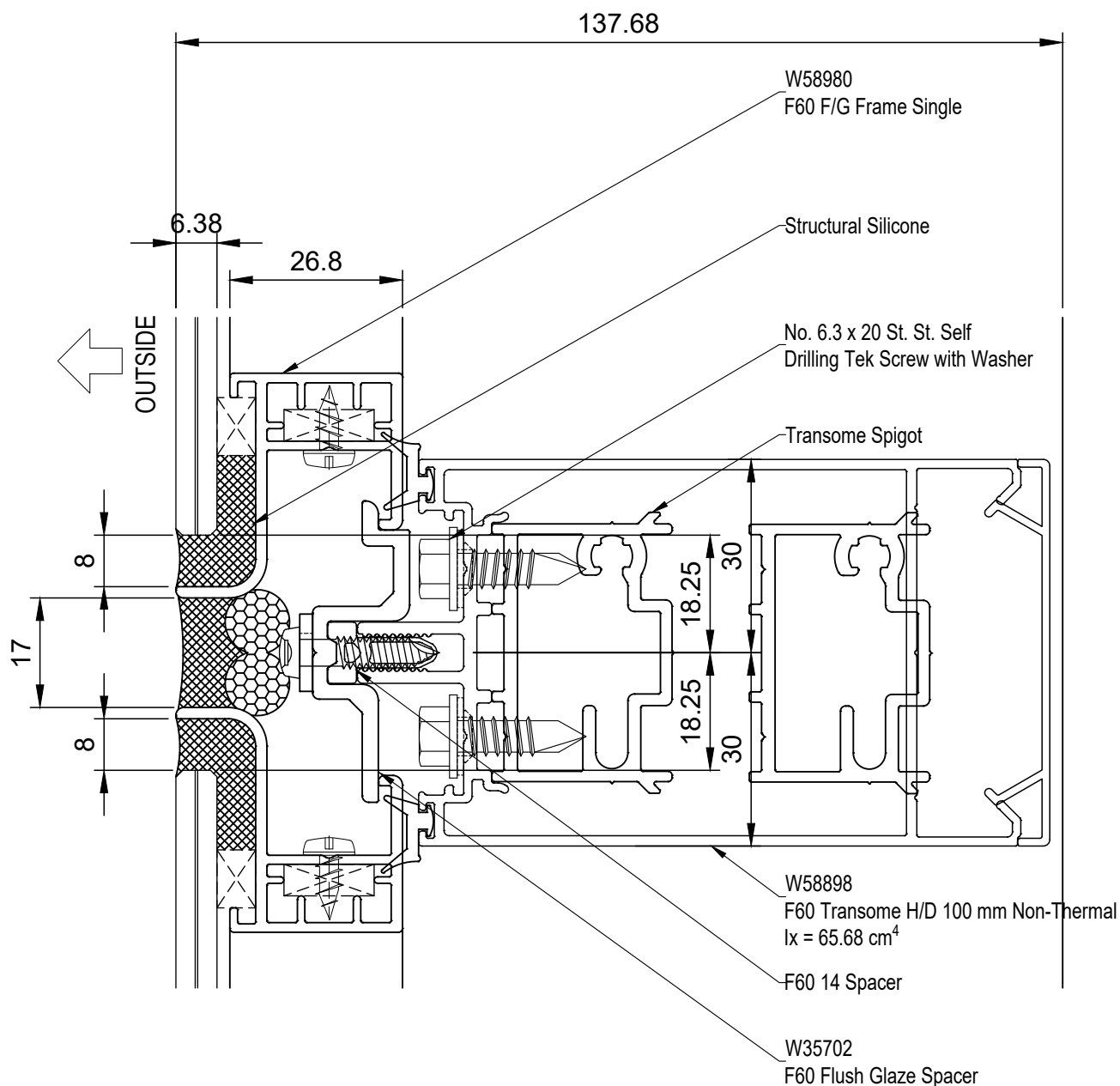
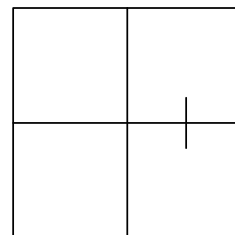


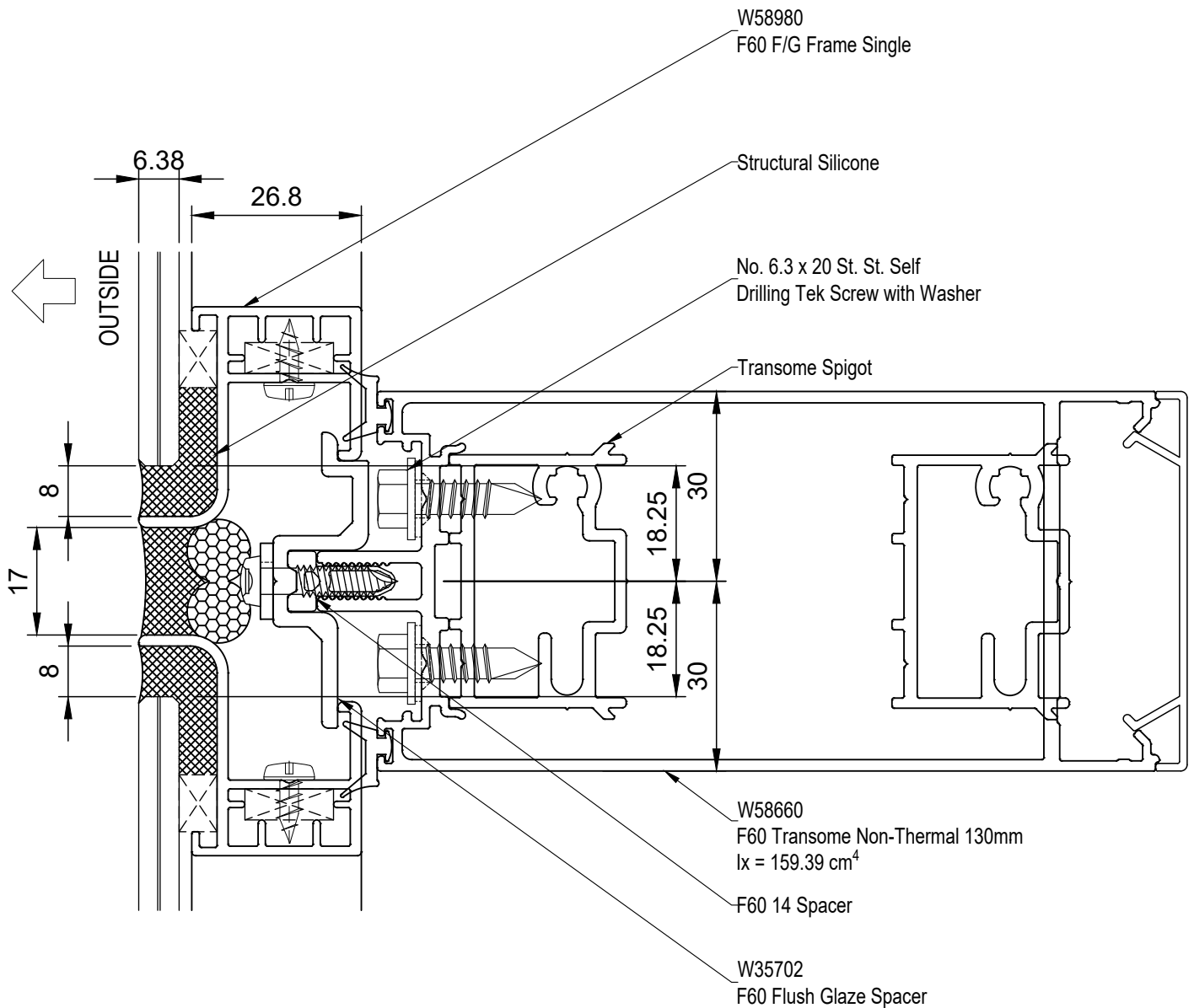
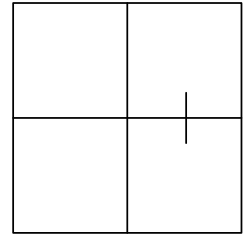
NOTE:
 Due to each project been unique, the ceiling detail will need to be considered with regards to the ceiling intergrating with the curtain wall.

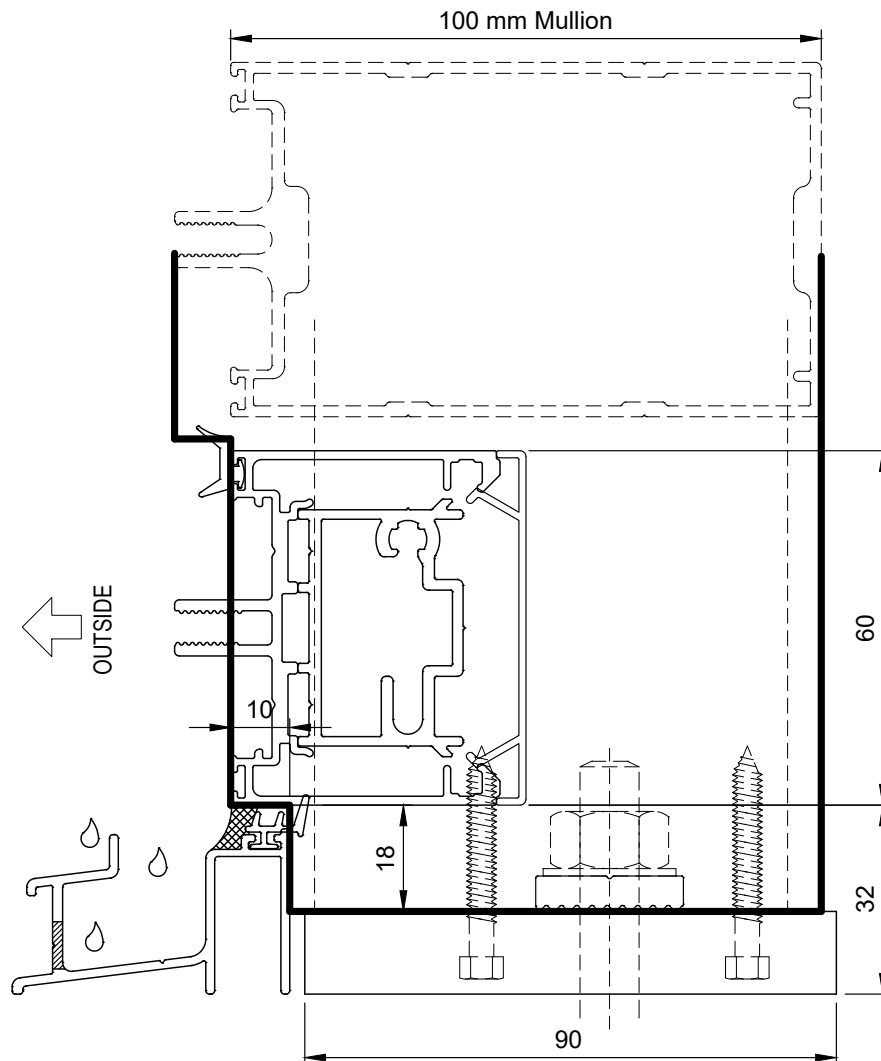
NOTE:
 Due to each project been unique, the floor detail will need to be considered with regards to the finish floor level intergrating with the curtain wall.

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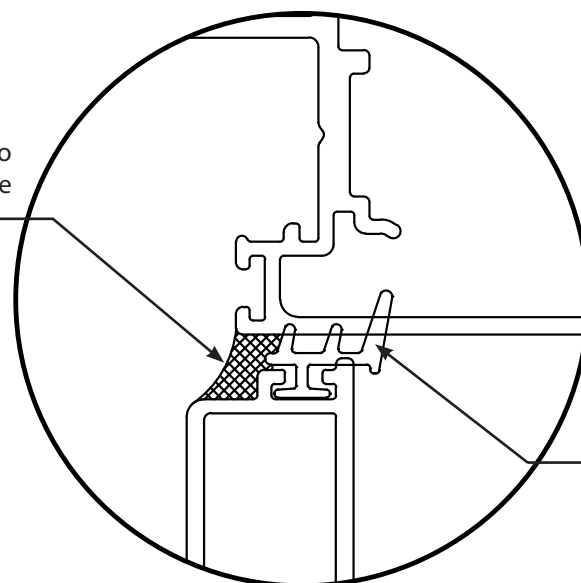


NOTE:

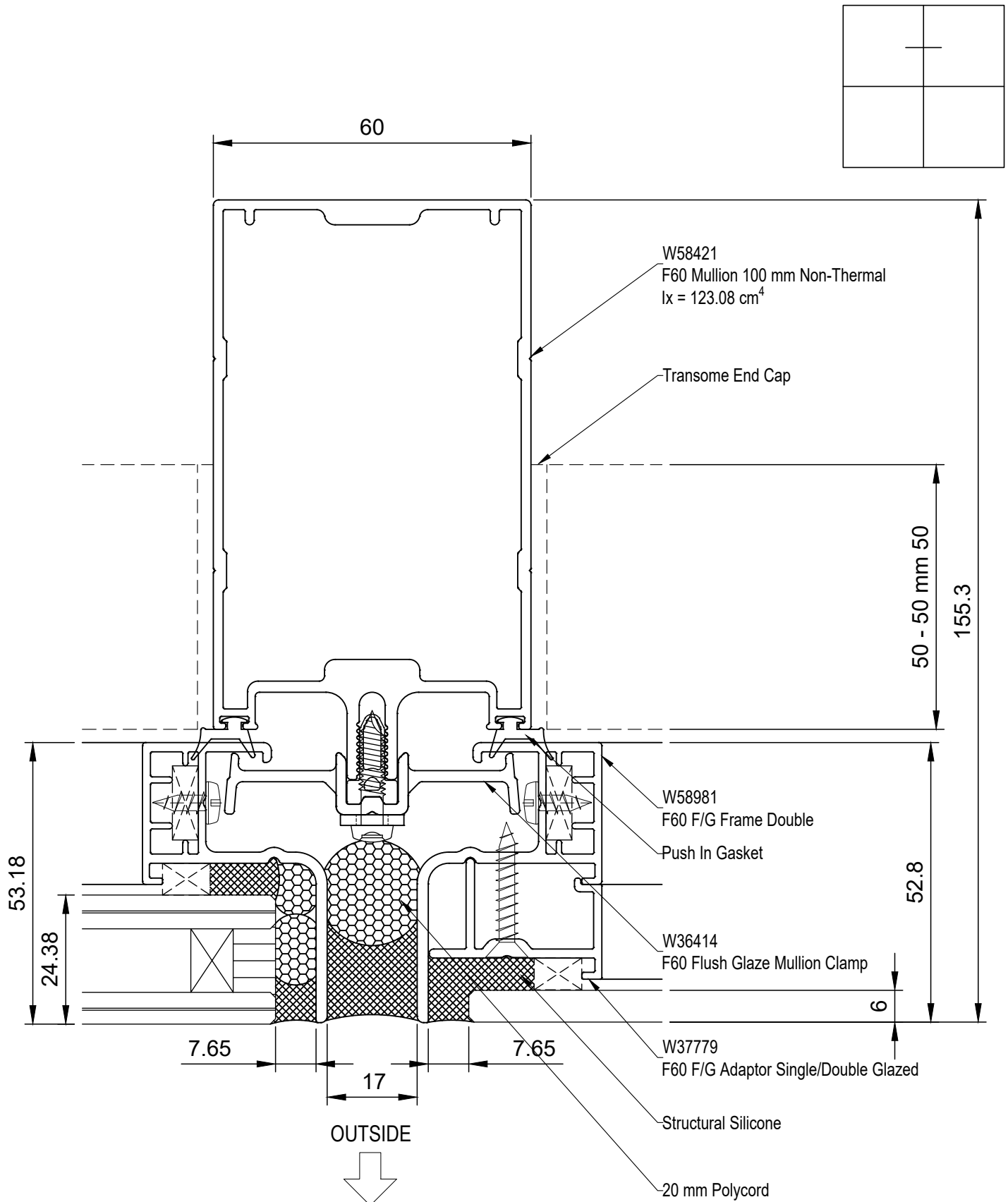
Due to each project been unique, the floor detail will need to be considered with regards to the finish floor level intergrating with the curtain wall.

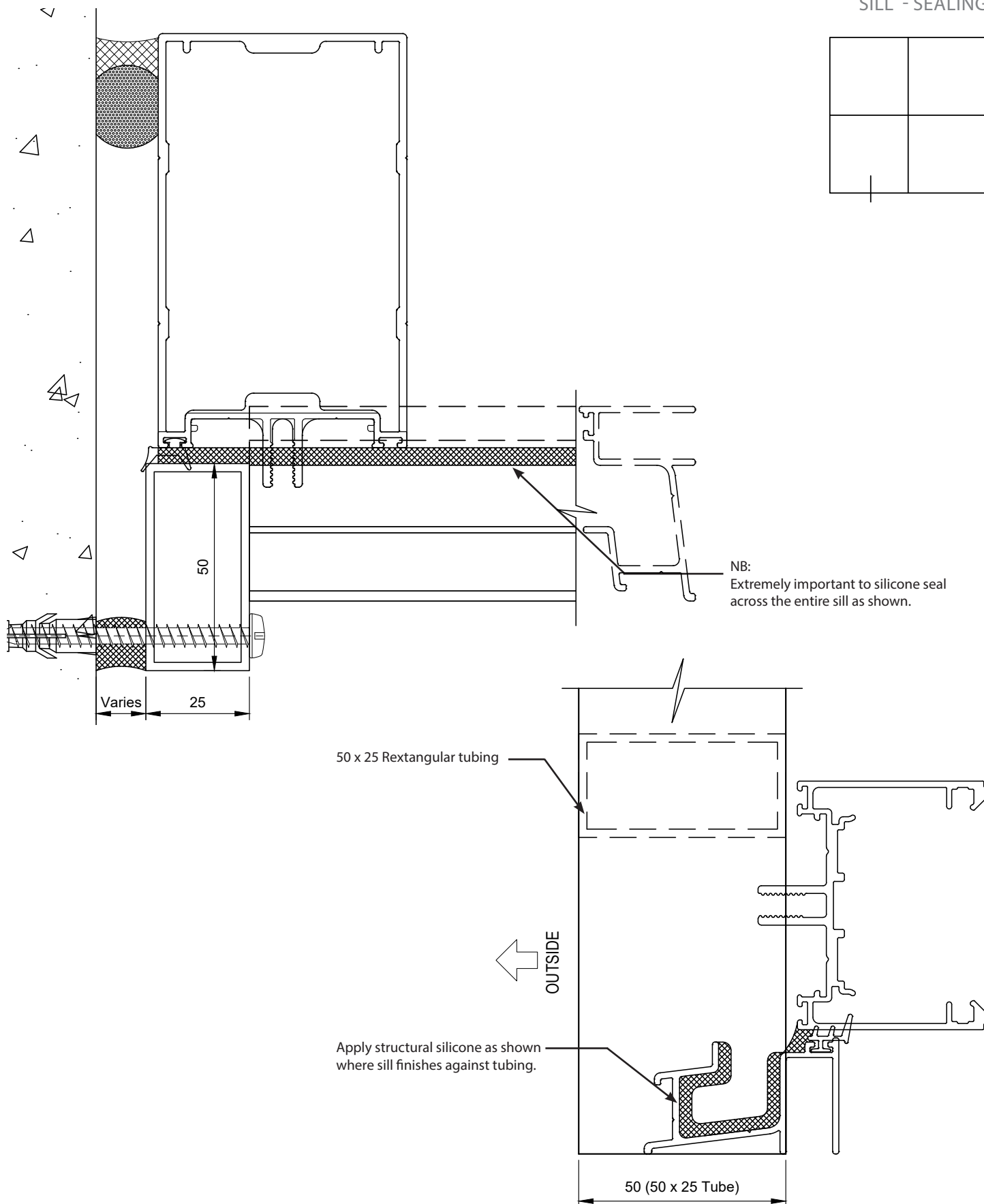
NB:

Extremely important to silicone seal across the entire sill as shown.

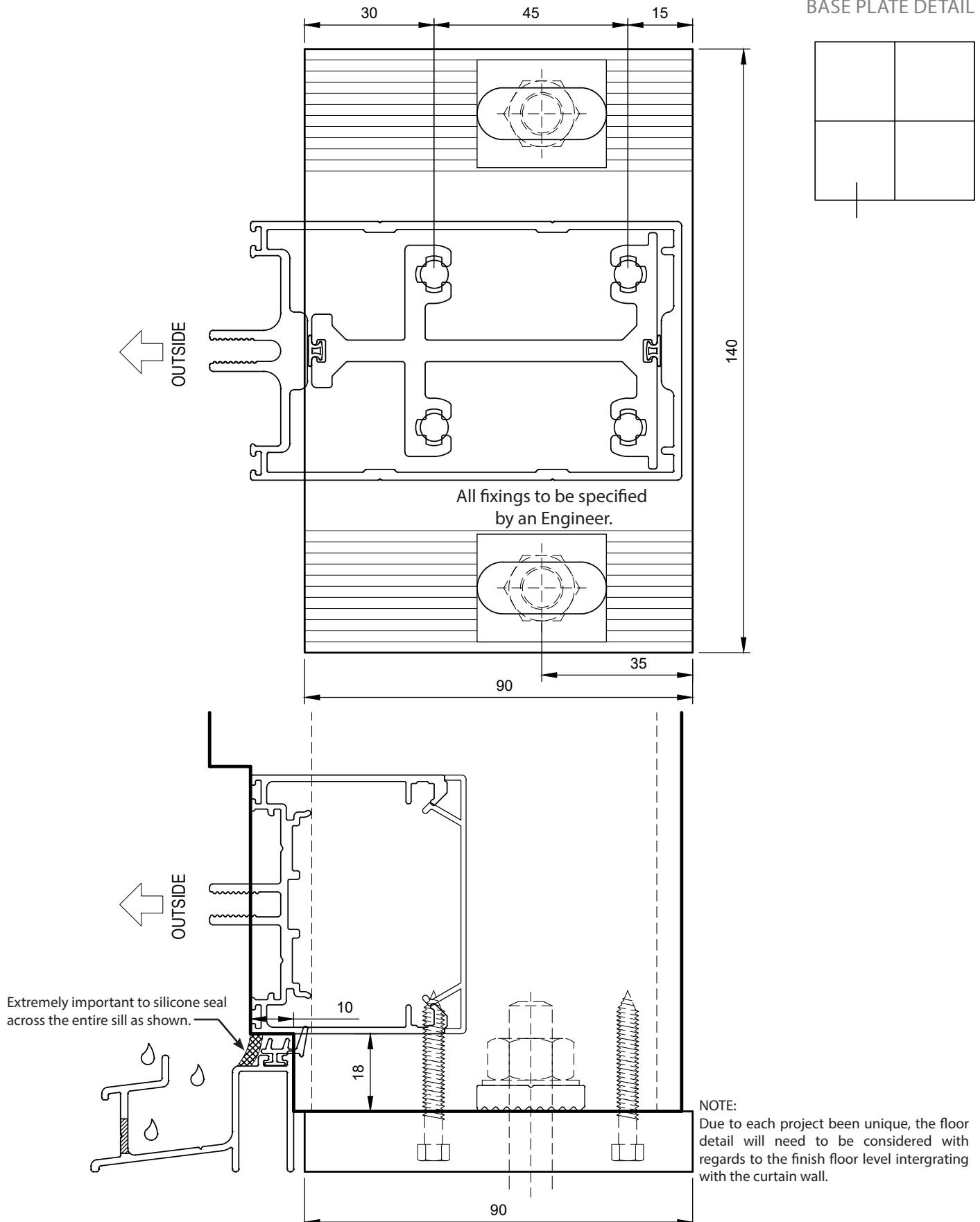


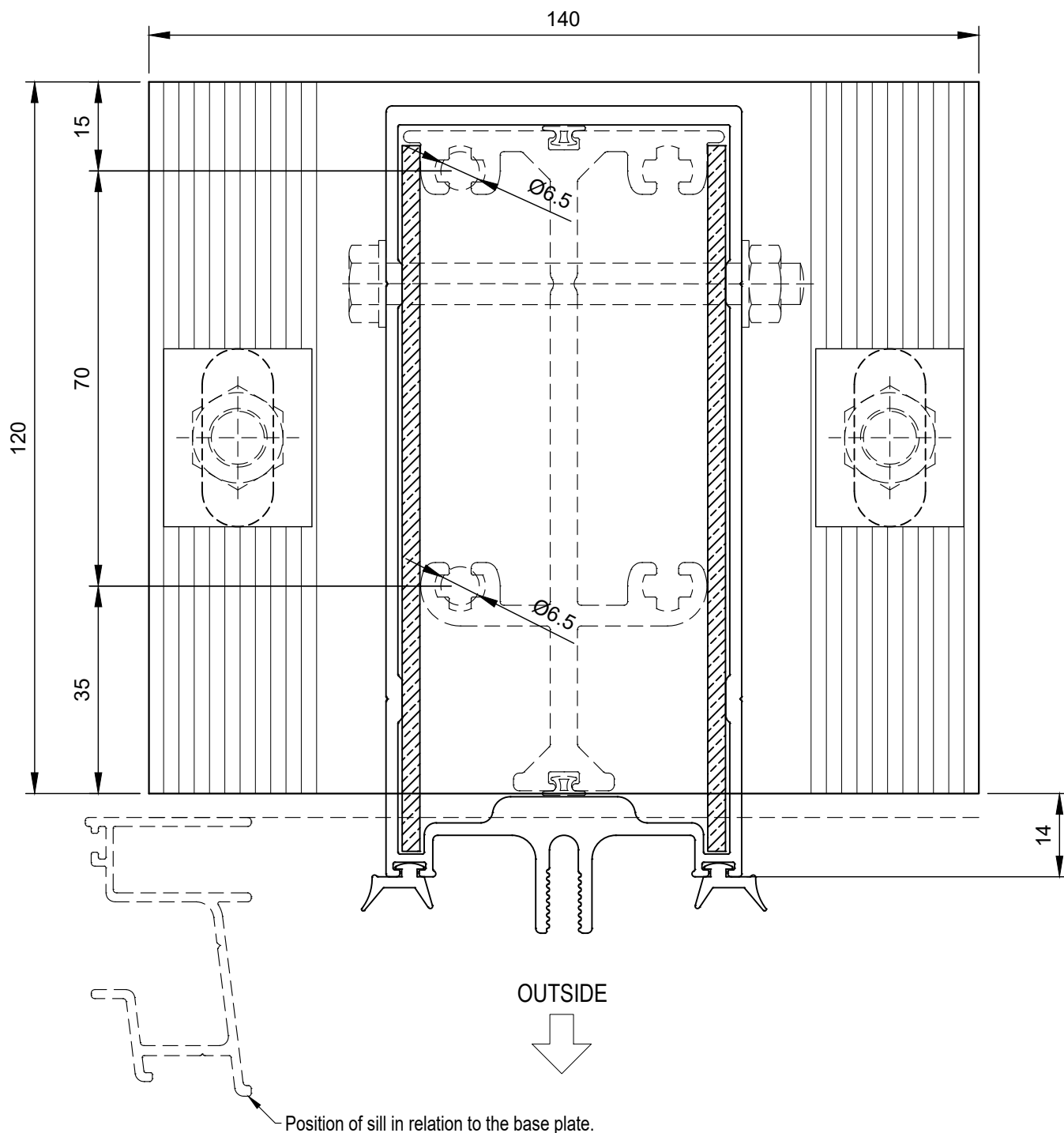
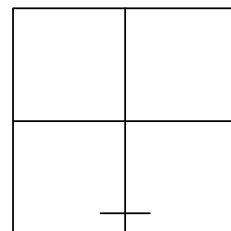
Remember to insert the Butterfly Euro Gasket before installing the sill.

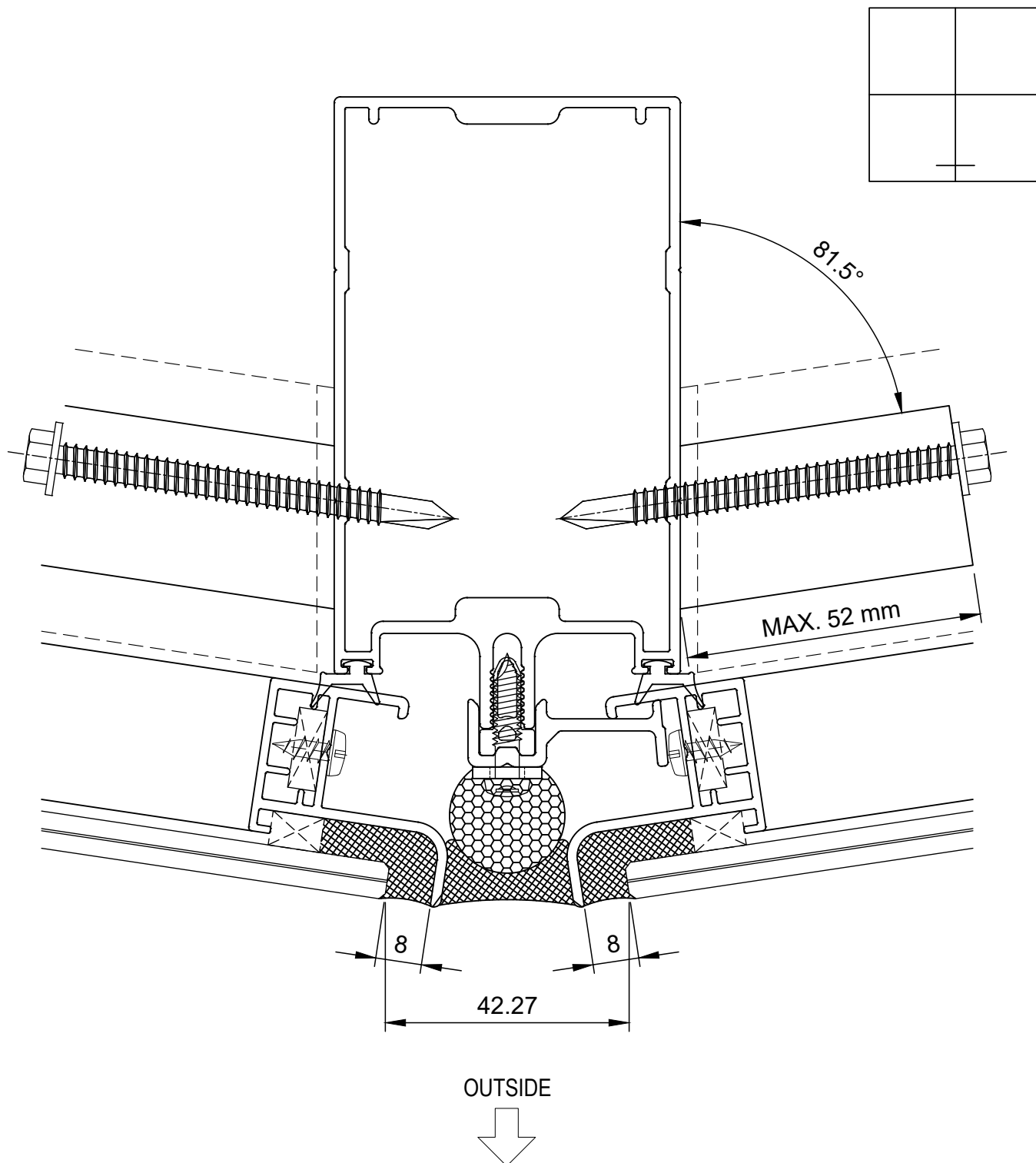




BASE PLATE DETAIL

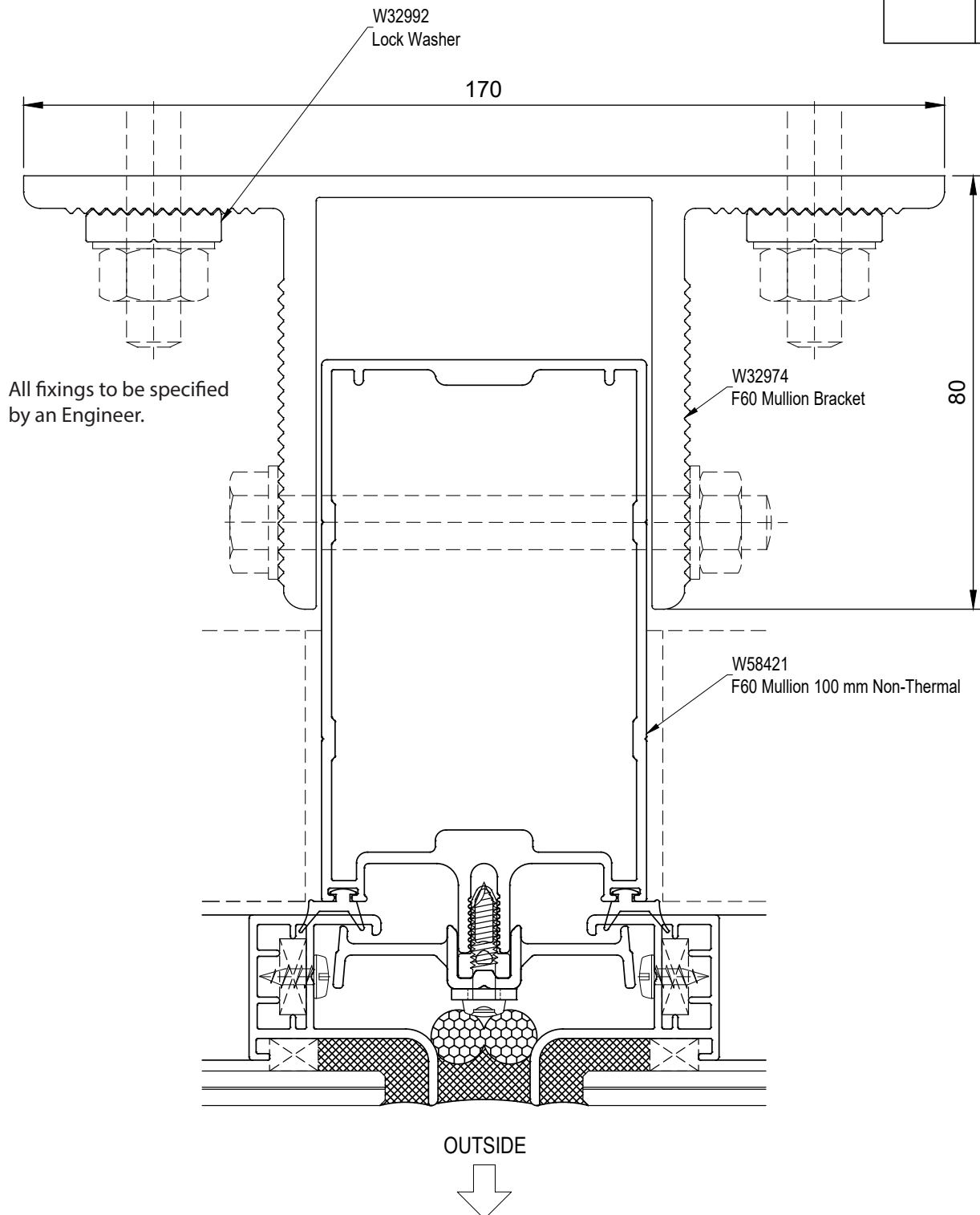
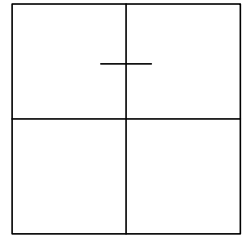






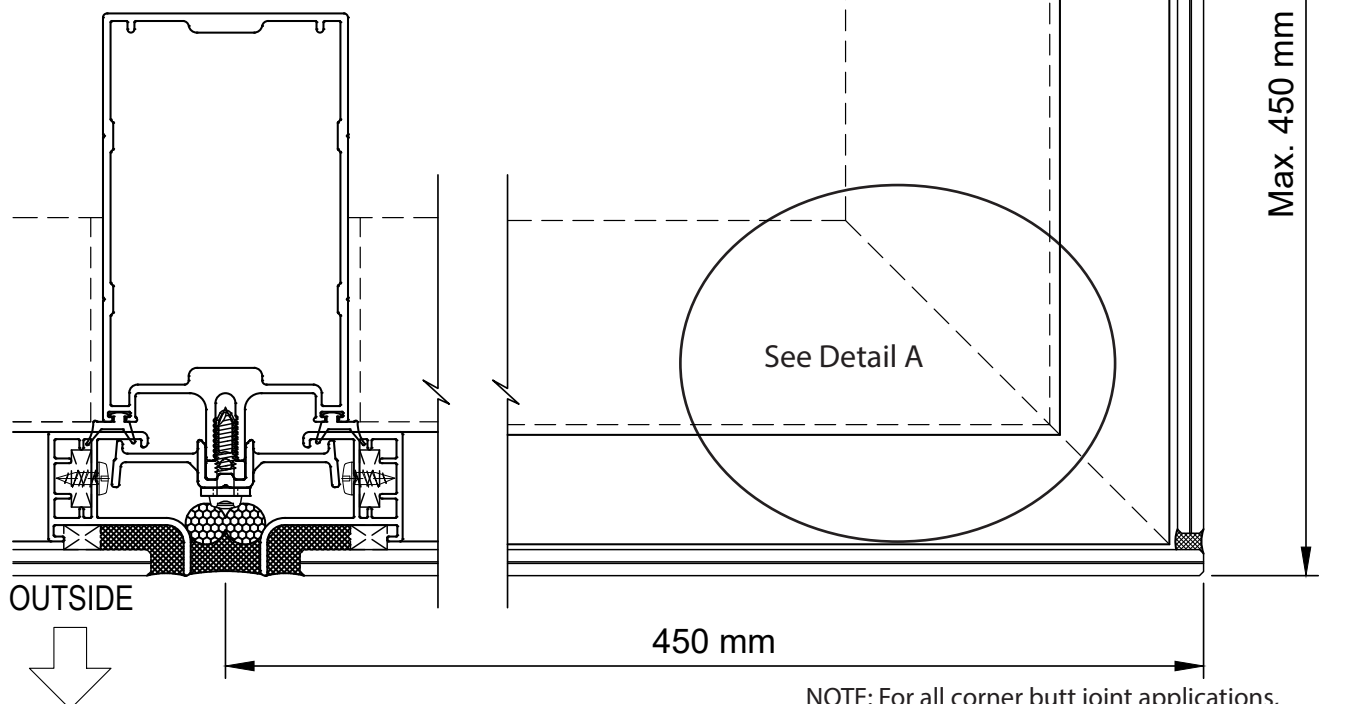
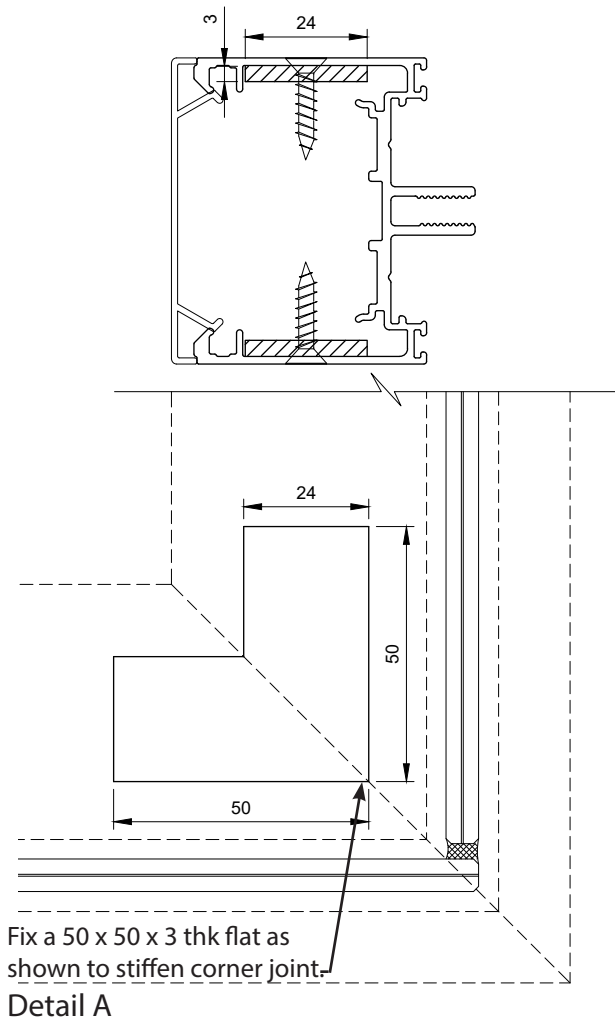
NOTE: Should curved screens be manufactured, the spigots (W57172) will need to be ordered in 3m lengths & cut longer to the relevant size & angle.

Fitting of bracket fixings to mullion must
 be min. 50 mm from top or bottom of mullion.



This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system.

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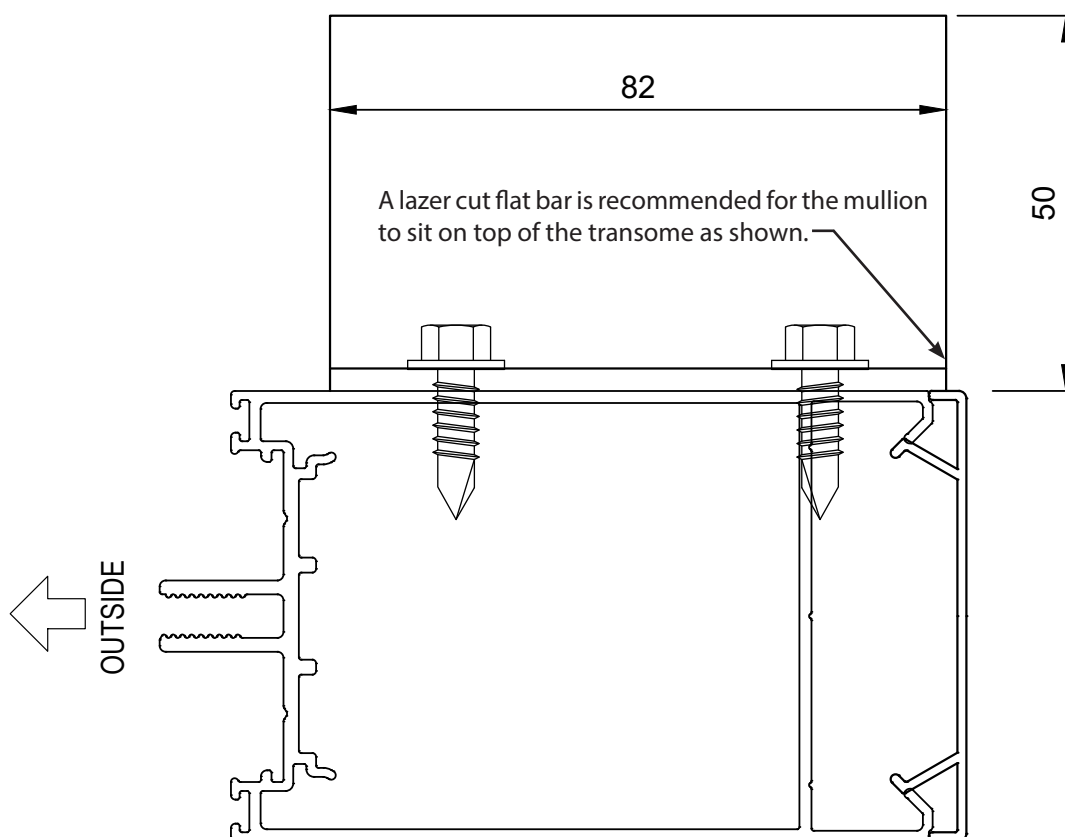
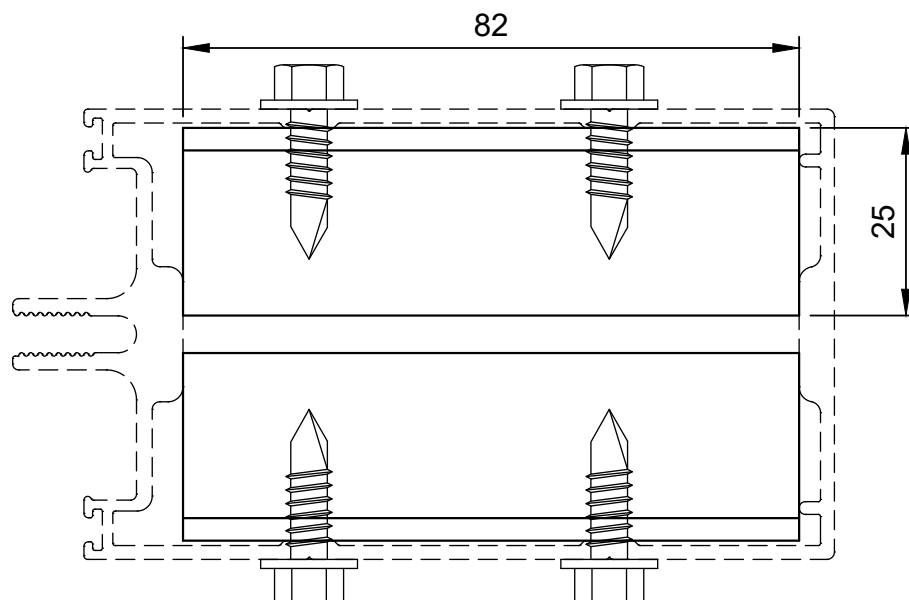
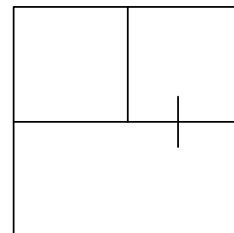


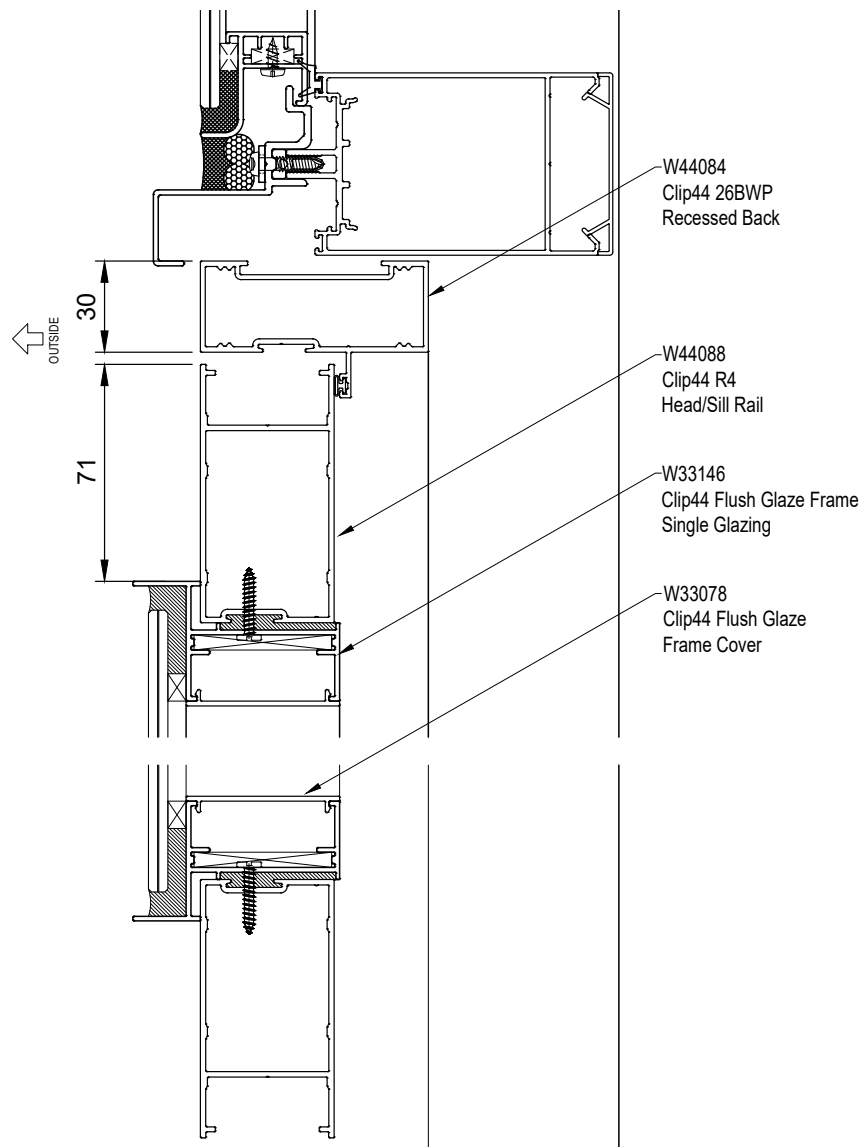
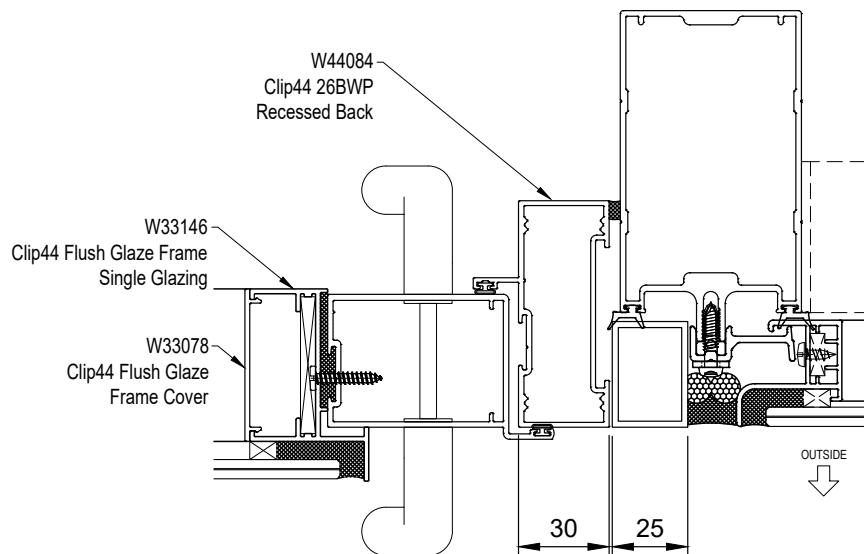
NOTE: For all corner butt joint applications, the glass needs to be polished.

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system.

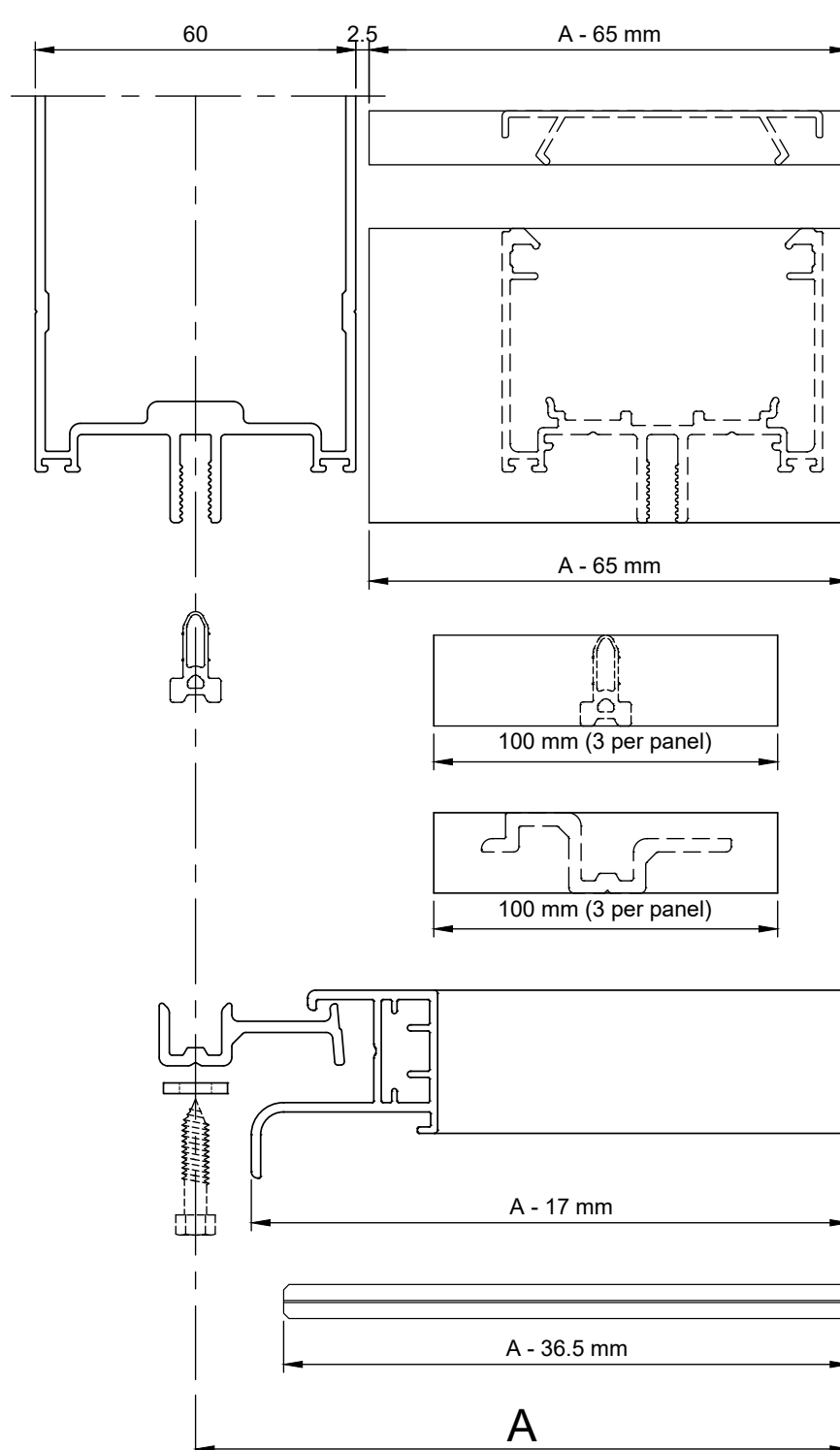
Note:

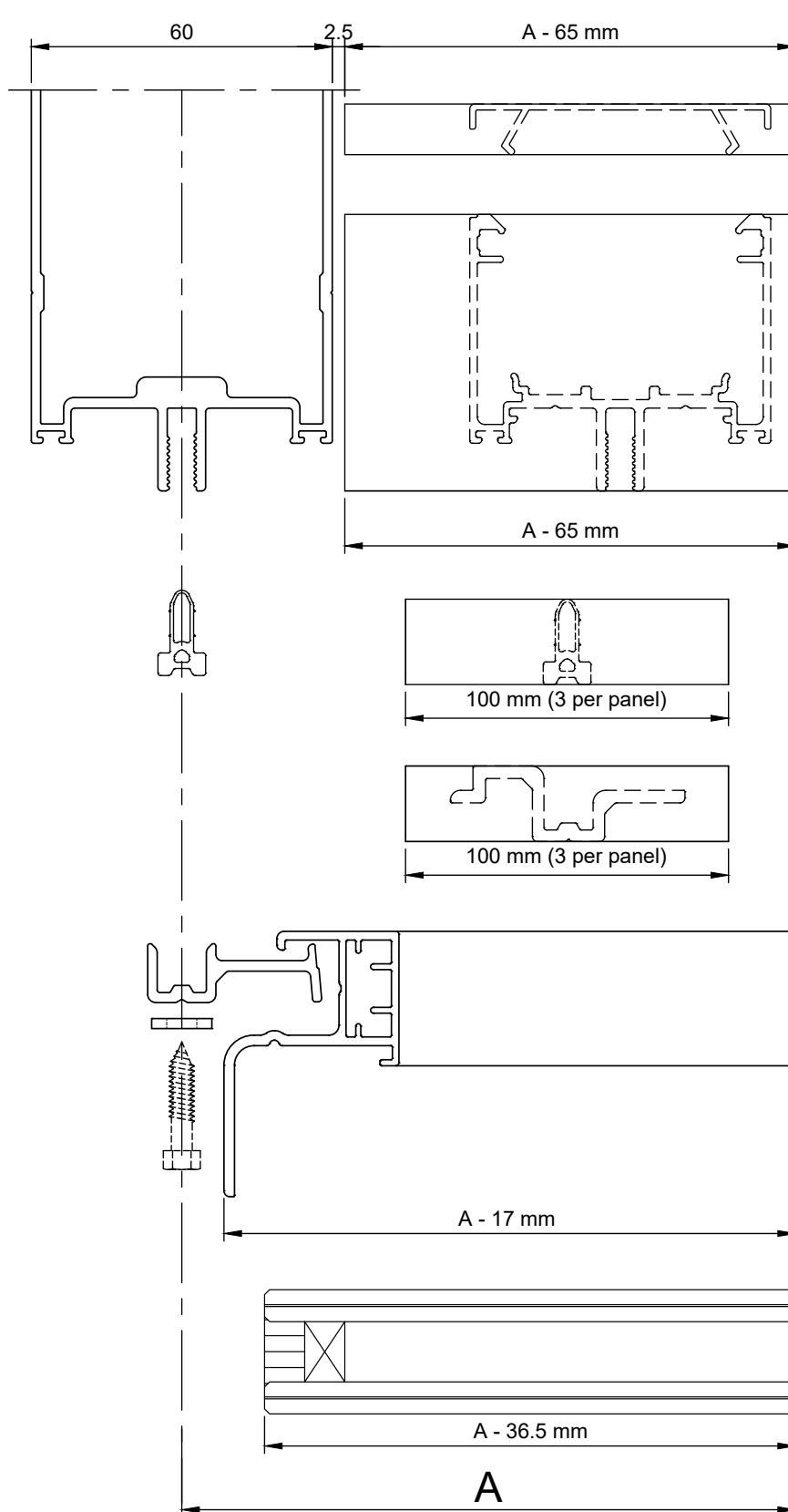
This detail is for openings with doors below. Each site is unique & will vary accordingly. An Eng. must confirm whether the transome is able to span as required as the mullion above the transome must not rest on the transome as this can effect the door below.

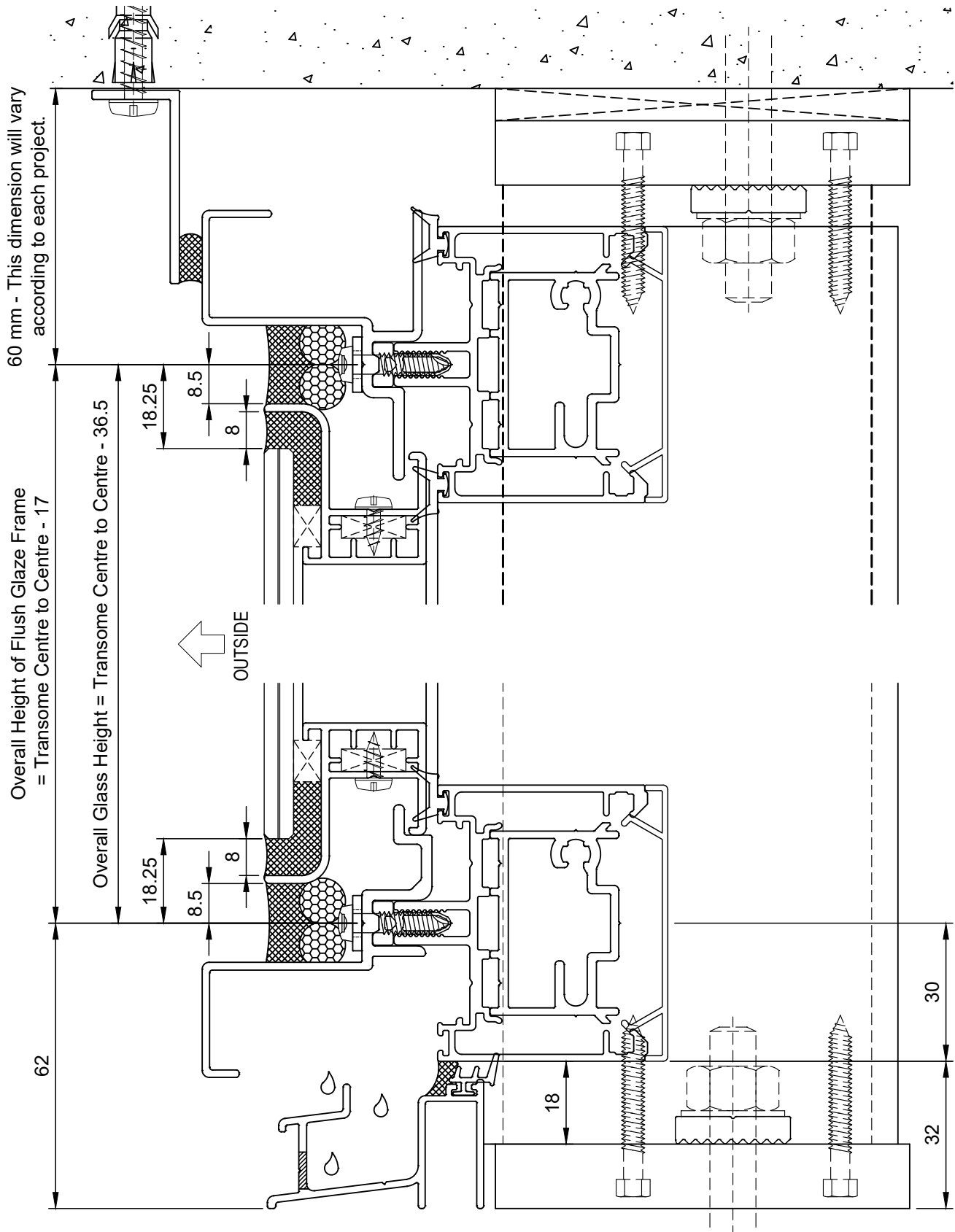




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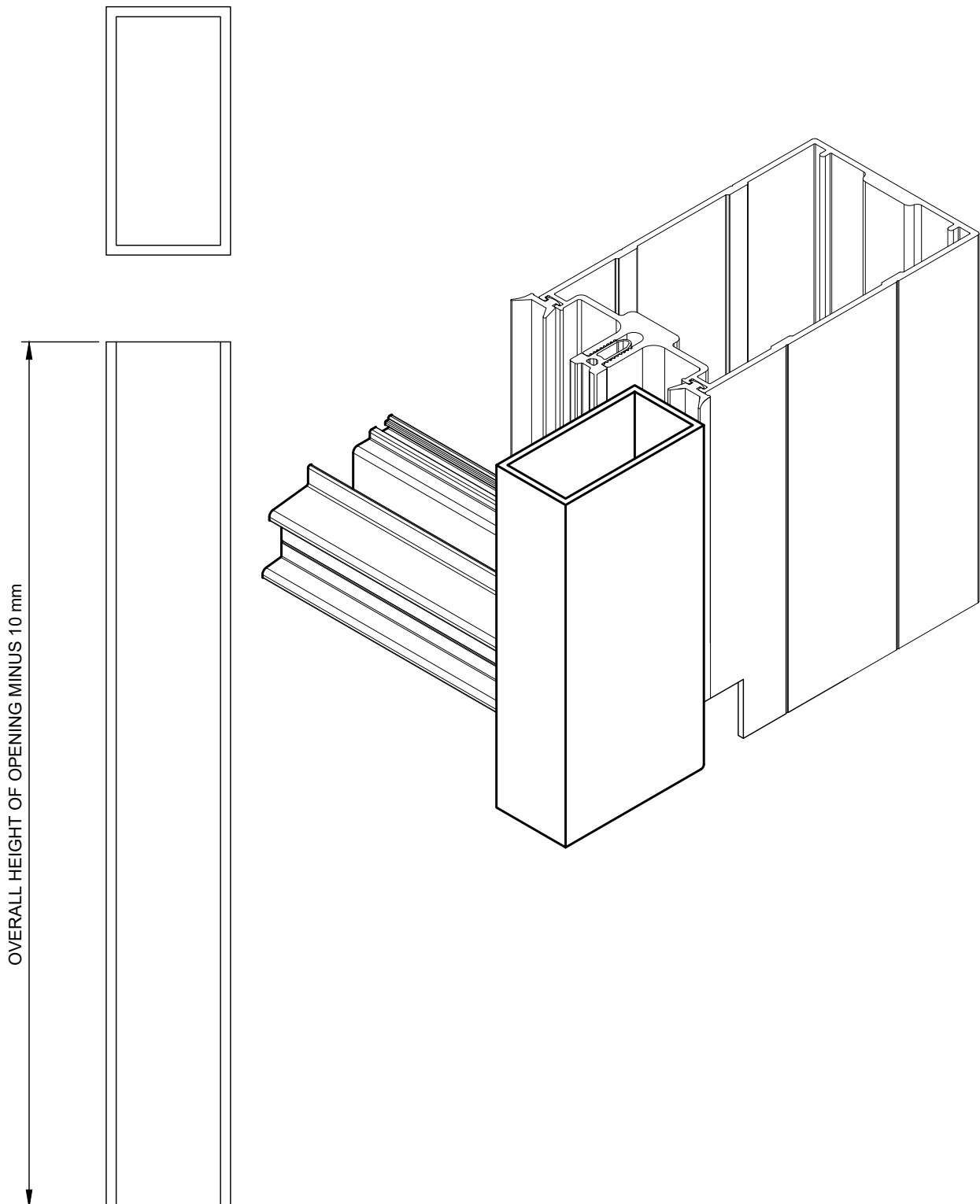




DIE No. 53111

50 X 25 Rectangular Tube

Section not to scale



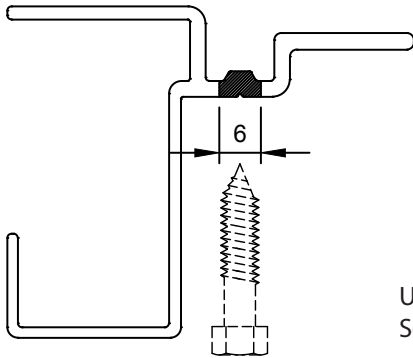
DIE No. 36015

F60 Flush Glaze Top Trim

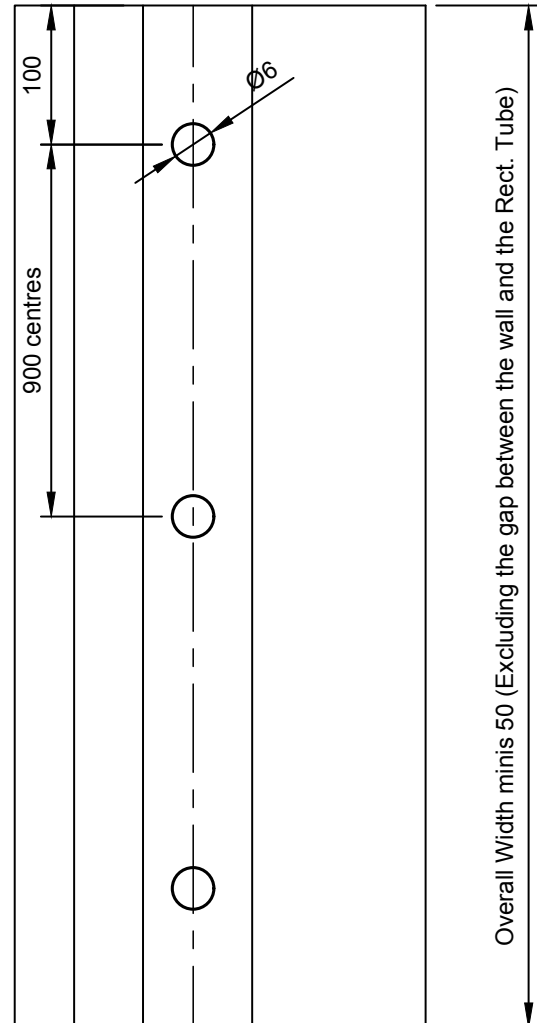
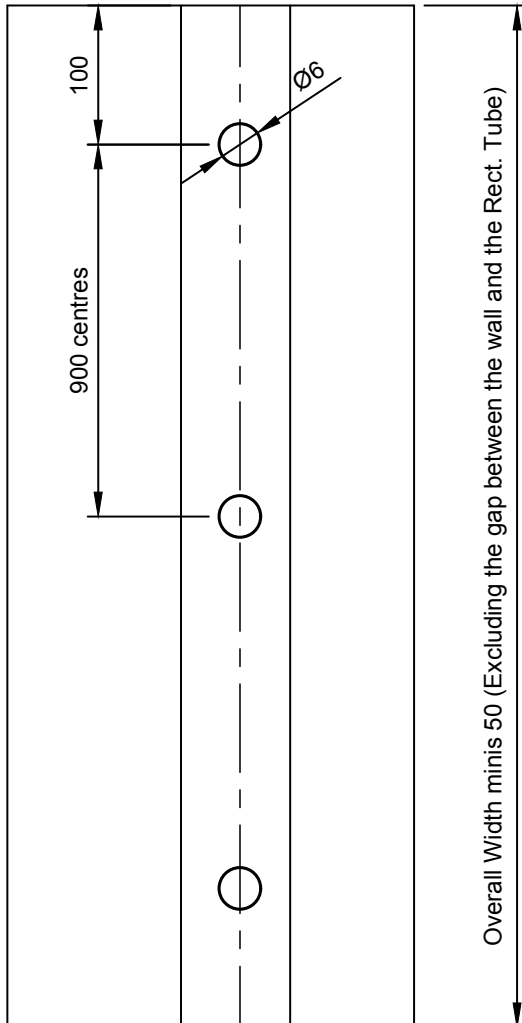
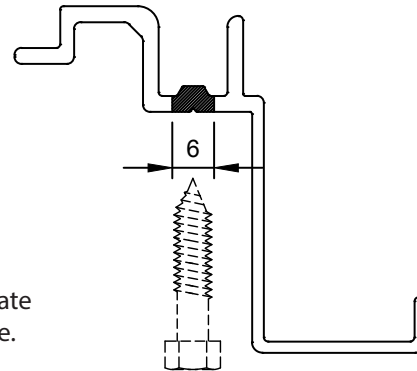
Section not to scale

DIE No. 36014

F60 Flush Glaze Bottom Trim

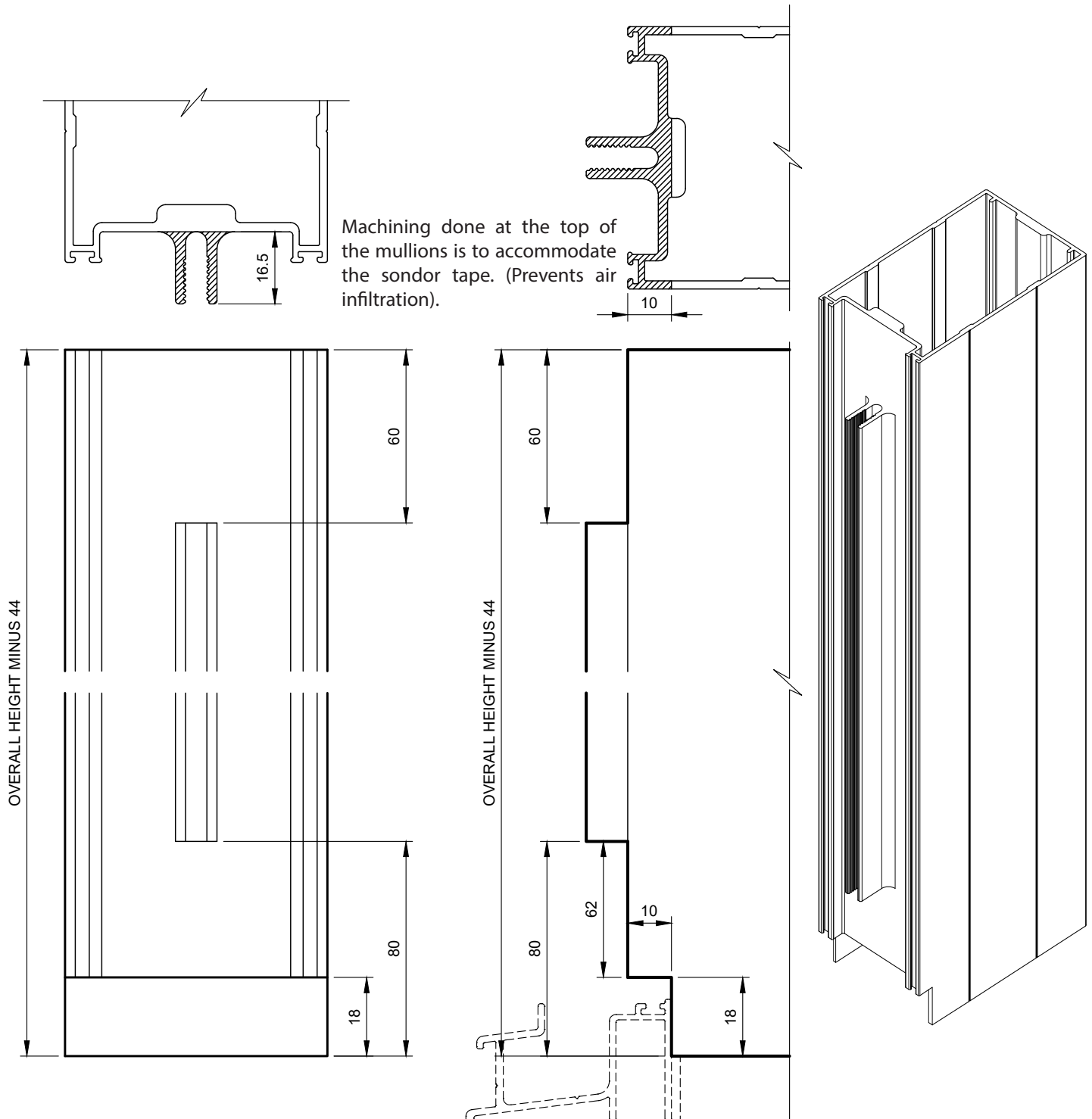


Use the 6.3 x 24 Pressure Plate
Screws to fit trims into place.



NB!!!

Due to the weight of the overall curtain wall, all the mullions need to be cut as shown below to rest on the base plates, please consult with the eng. as to what anchors are required.



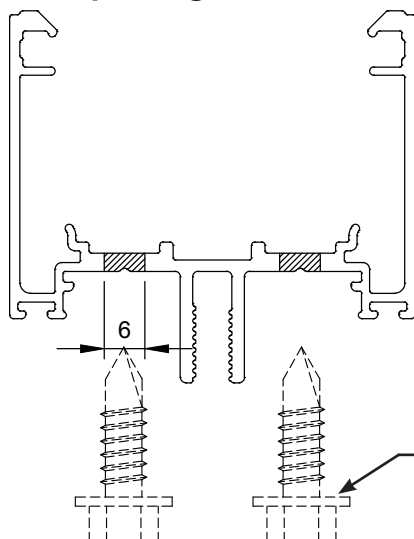
Note: The relevant gaskets, plastic spacers (14 mm) as well as the spigots can be fitted once the machining is completed before the mullions go to site for installation.

NOTE:

Due to each project been unique, the floor details will need to be considered with regards to the finished floor level intergrating with the curtain wall. Please discuss the details with the relevant parties before commencing with fabricating.

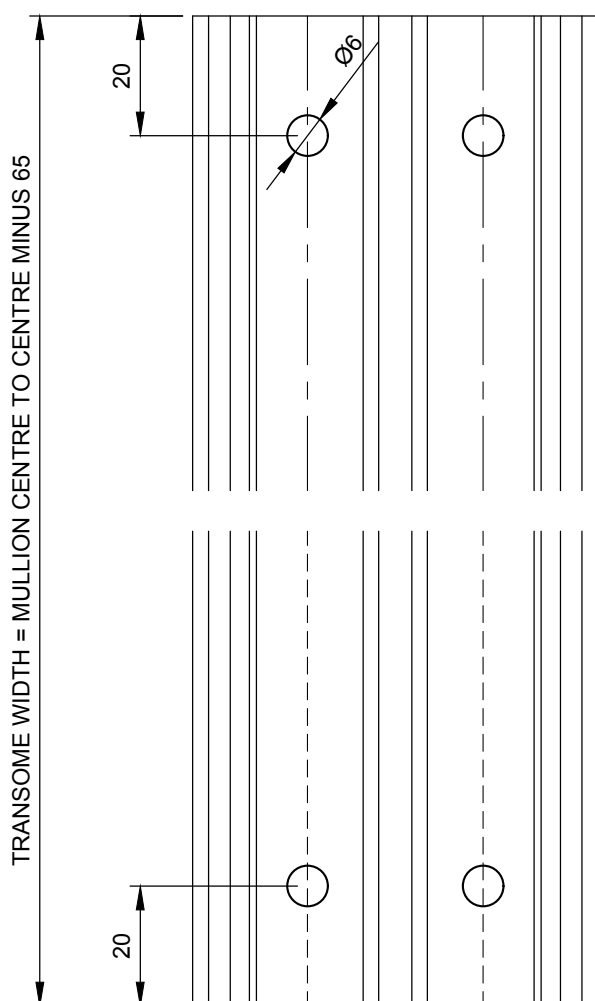
This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system.

The max. width for any transome is as per eng & wind load.

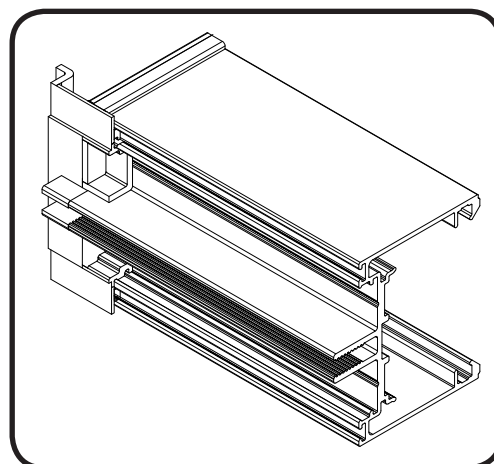


NOTE: This machining detail is applicable to all the non-thermal transomes.

Use the 6.3 x 20 St. St. Self drilling screws/ washers for fixing the transomes into place.



See relevant details further on in the manual on how to fit the gaskets & end caps.

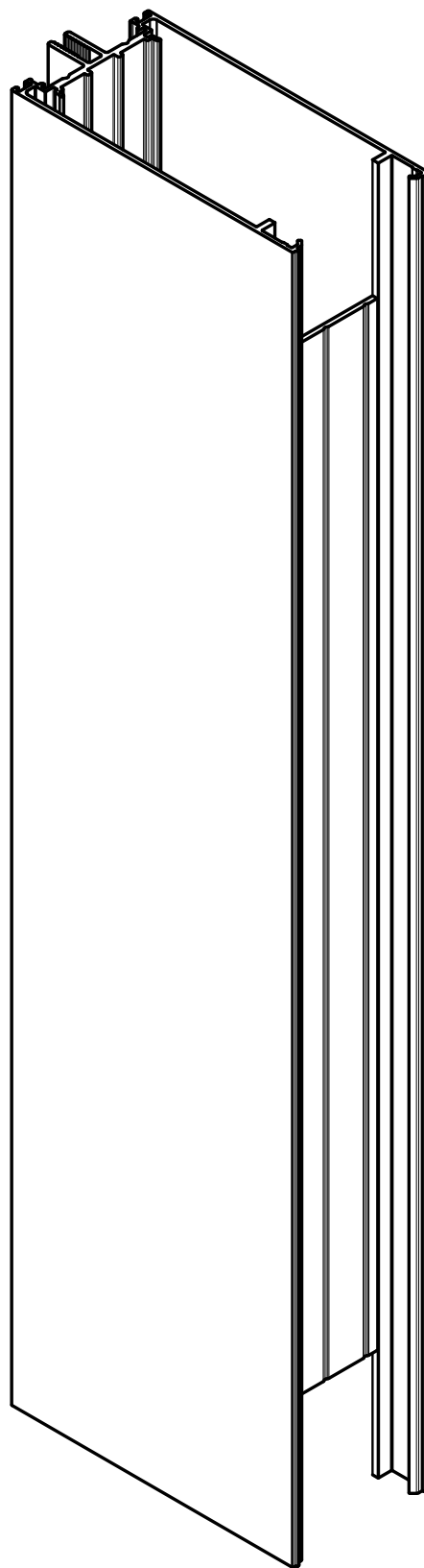
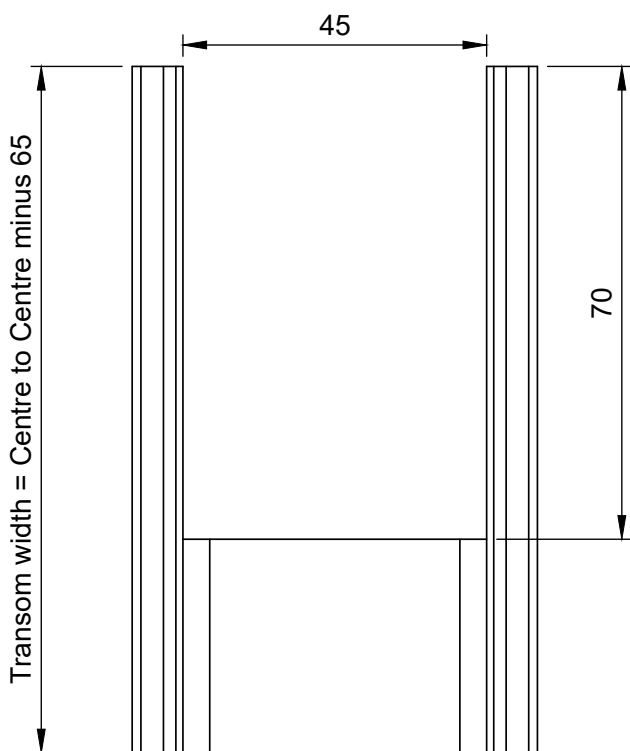
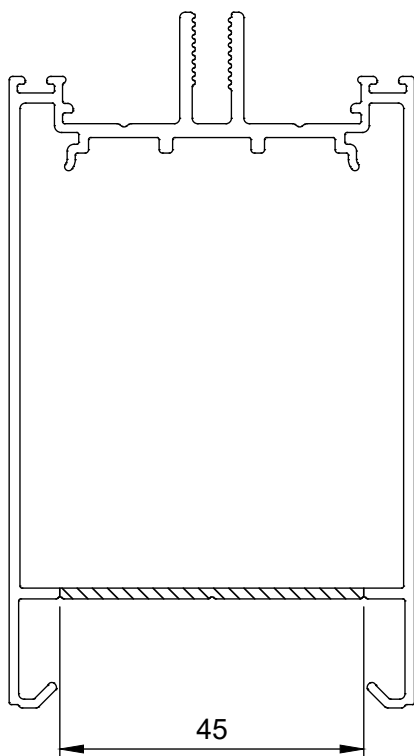


NOTE: The 2 holes on each end of the transome are for the tex screws to fix to the transome spigot.

DIE No. W58898

F60 Transome H/Duty Non-Thermal 100mm

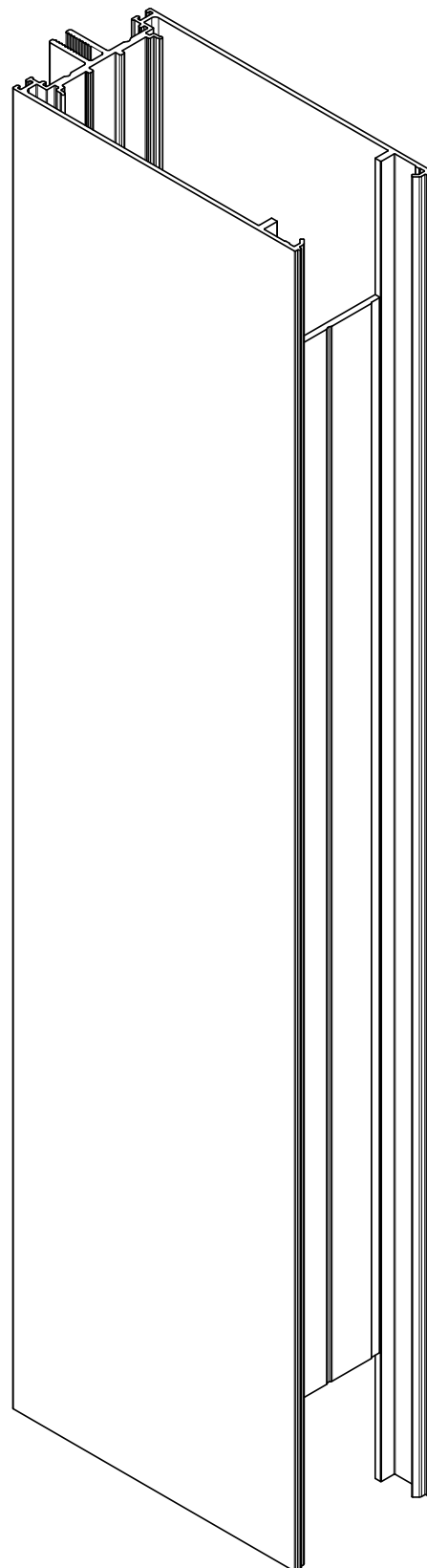
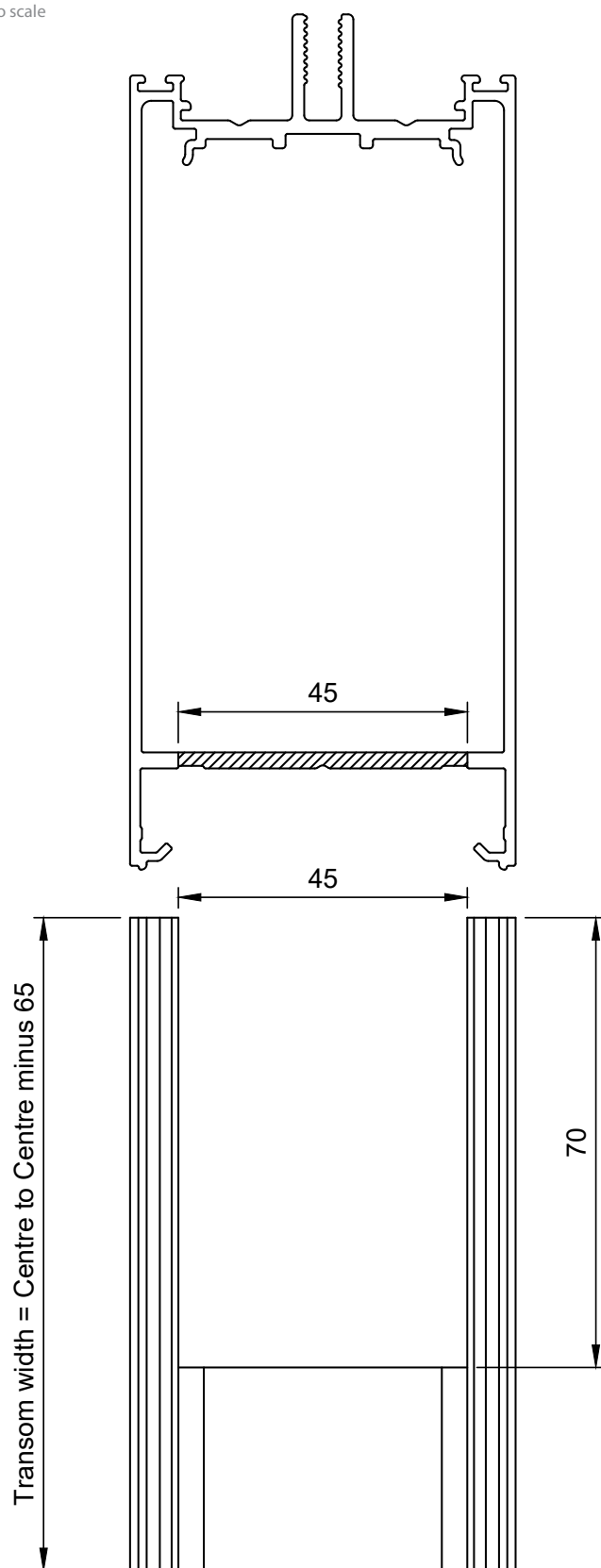
Section not to scale



DIE No. W58660

F60 Transome Non-Therm130 mm

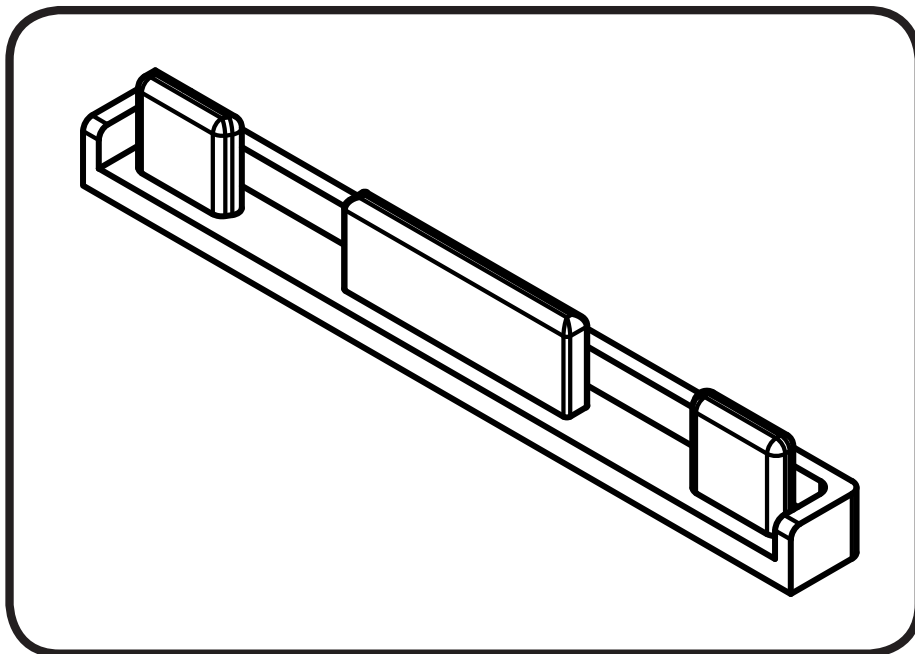
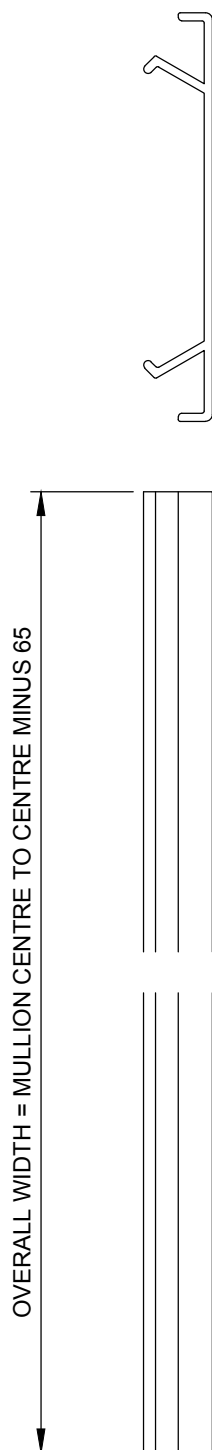
Section not to scale



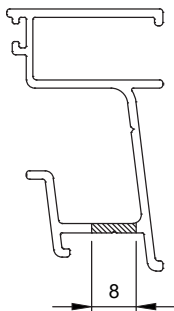
DIE No. W34911

F60 Transome Clip-On Cover

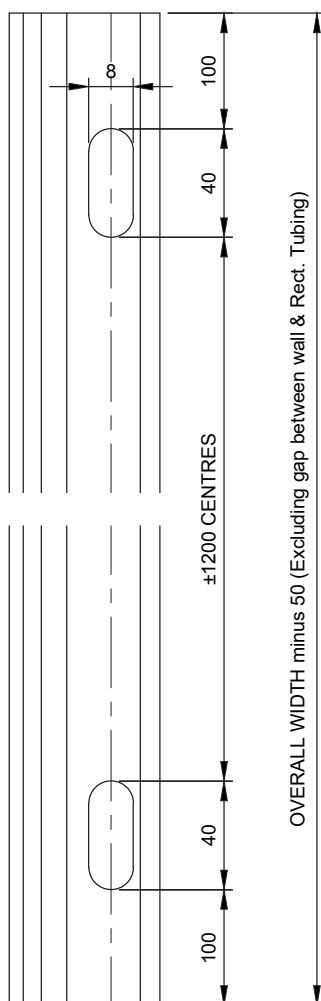
Section not to scale



Note: The transome clip-on cover end caps can be fitted (vulcanising glue) once the transome clip-on covers have been cut.



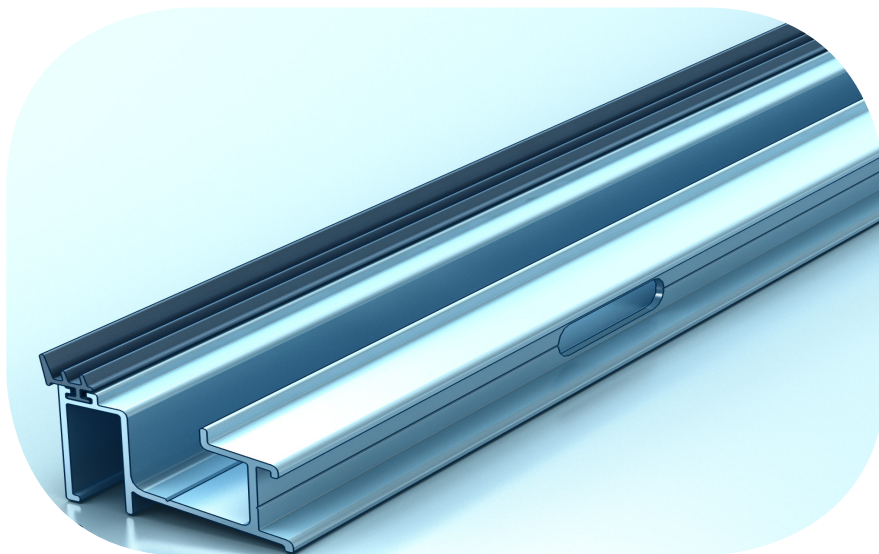
Drilling small round weeps holes will not allow the curtain wall to drain sufficiently



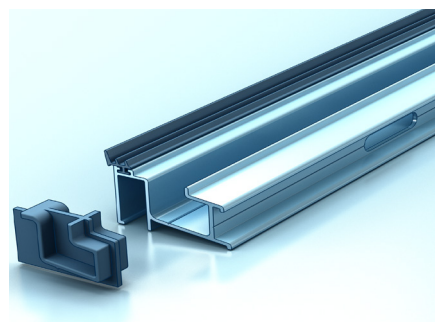
NOTE: Ensure that no drainage holes are positioned directly under the mullions.

FAÇADE 60 MACHINING

SILL MACHINING

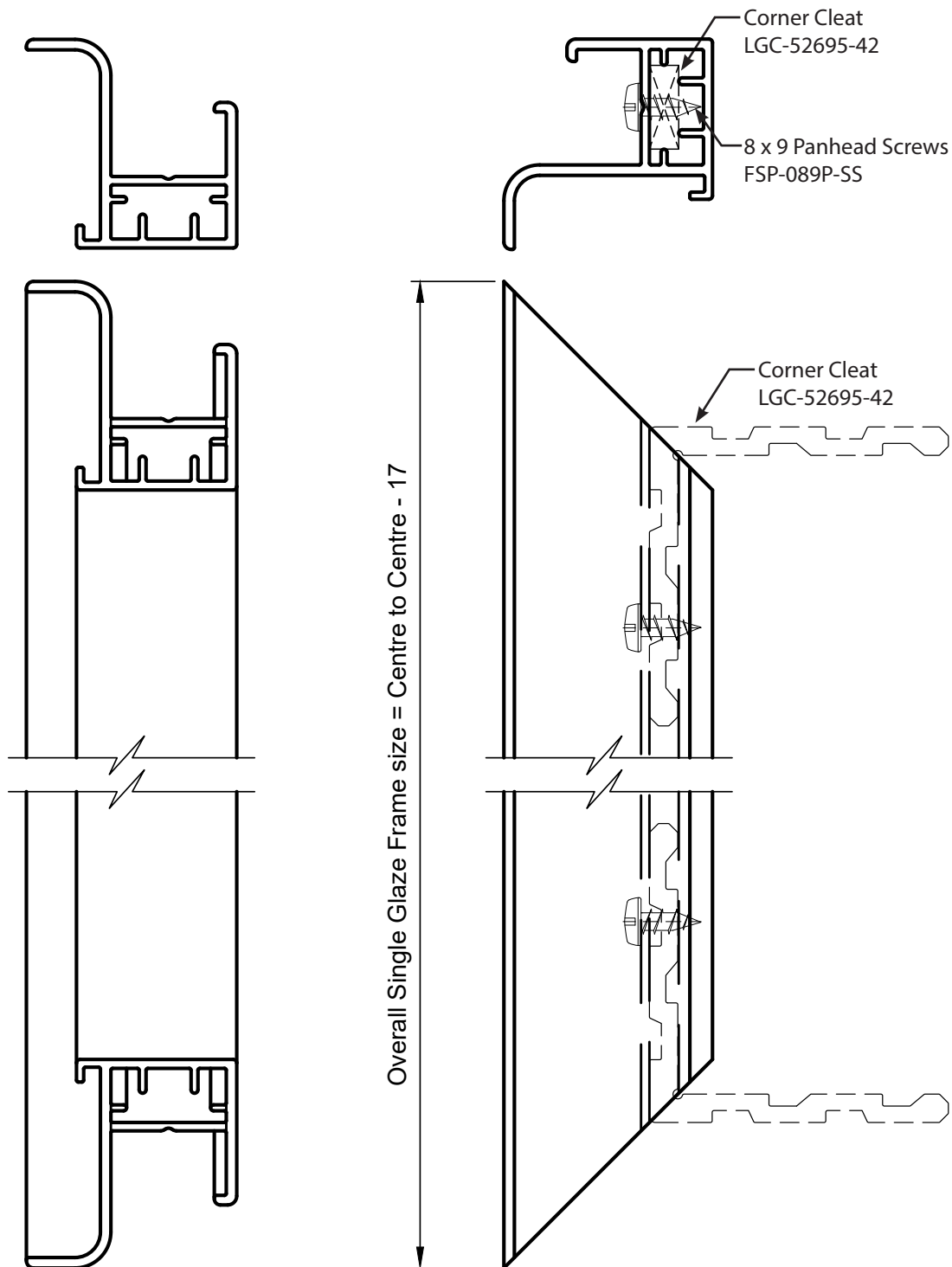


NOTE: Use structural silicone when sealing the sill into position, as well as sealing on the sides against the 50 x 25 tubing.



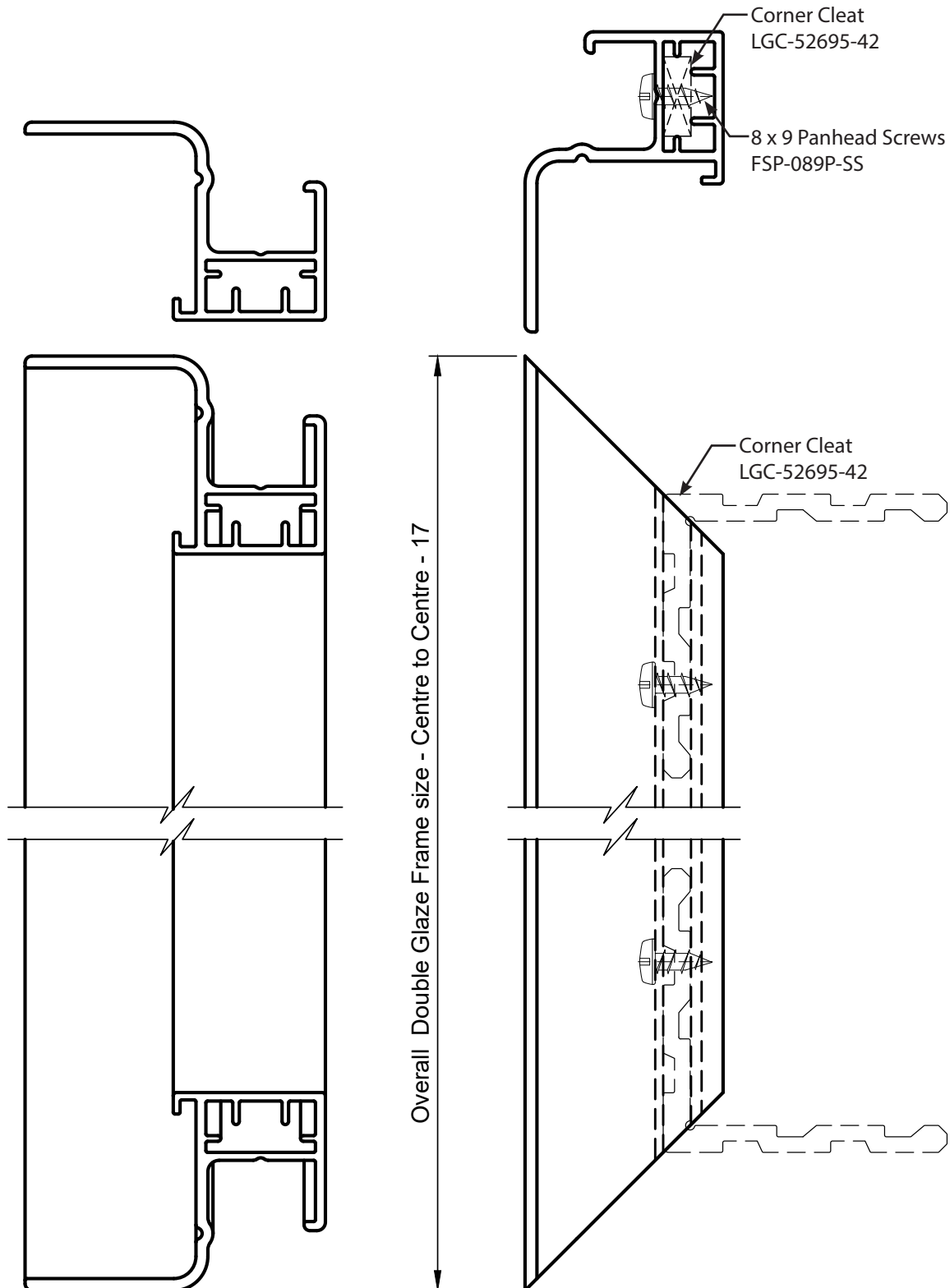
NOTE: Use the sill end caps only when 2 sills are been joined together.

**The max. width for the flush glazing panel
 is 1600 mm or as per eng & wind load.**



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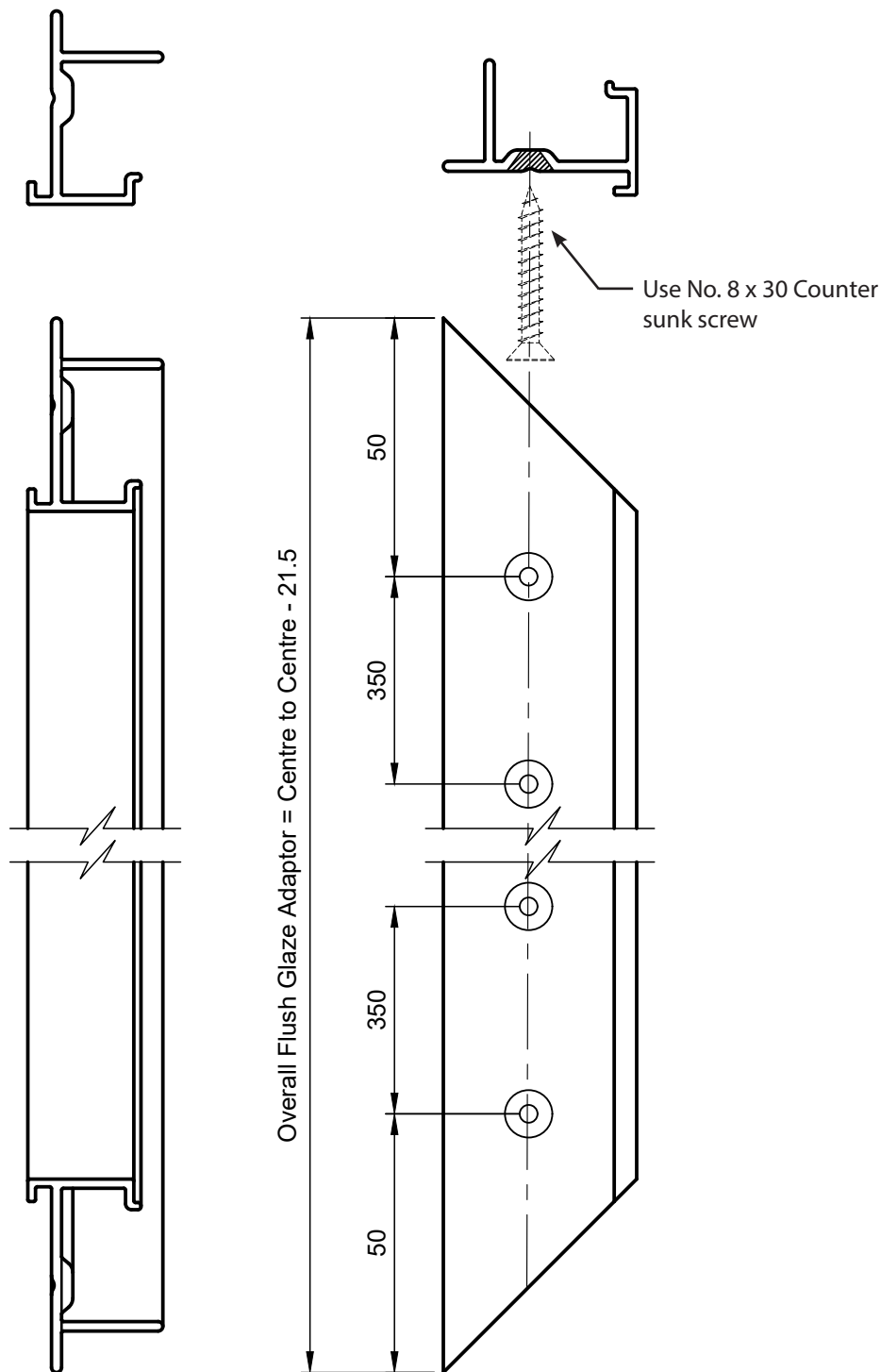
**The max. width for the flush glazing panel
 is 1600 mm or as per eng & wind load.**

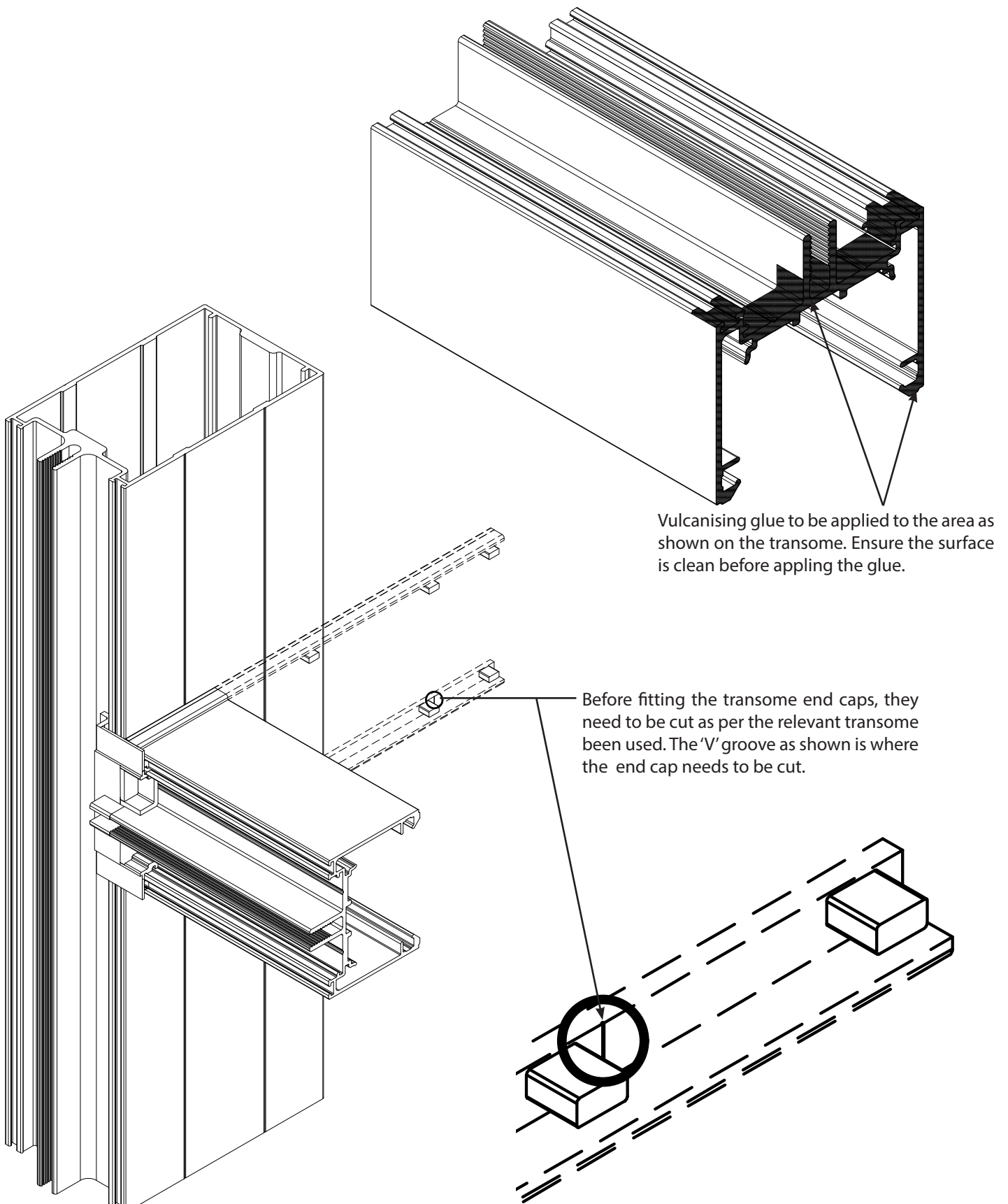


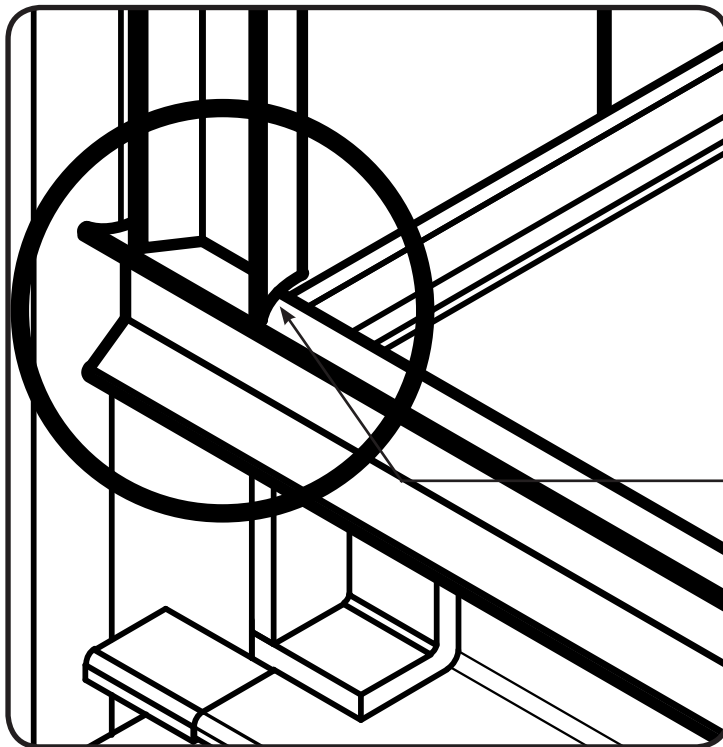
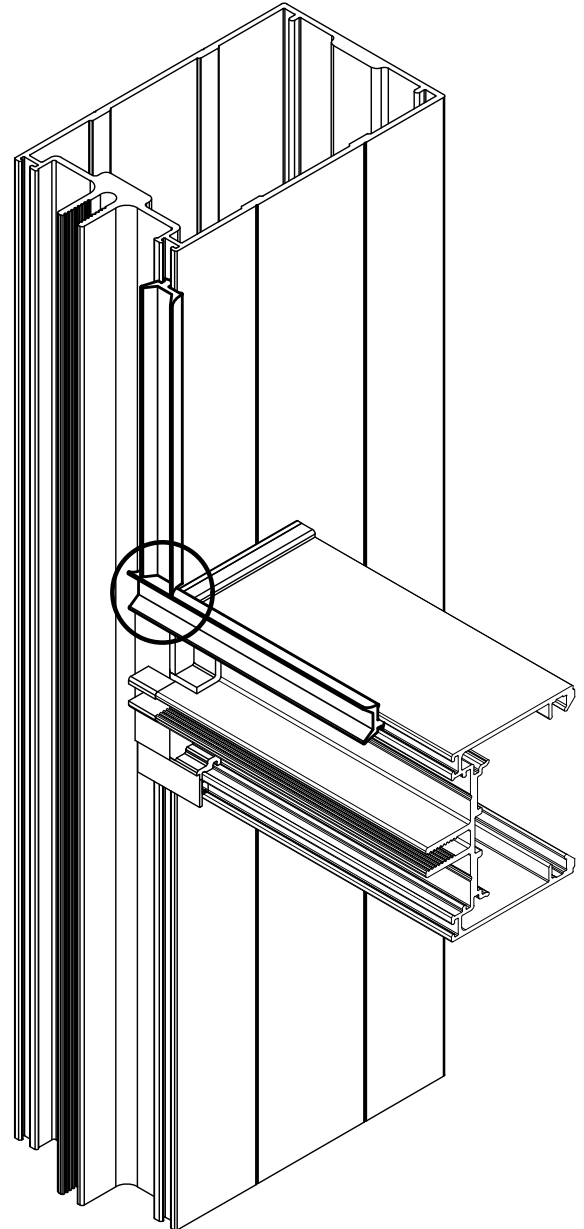
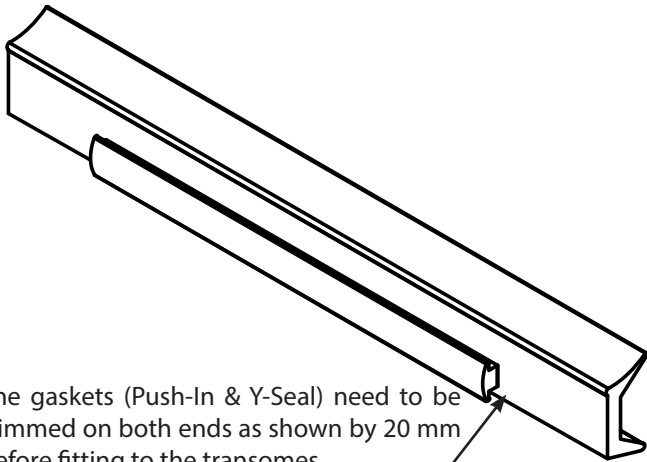
This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system.

DIE No. 37779

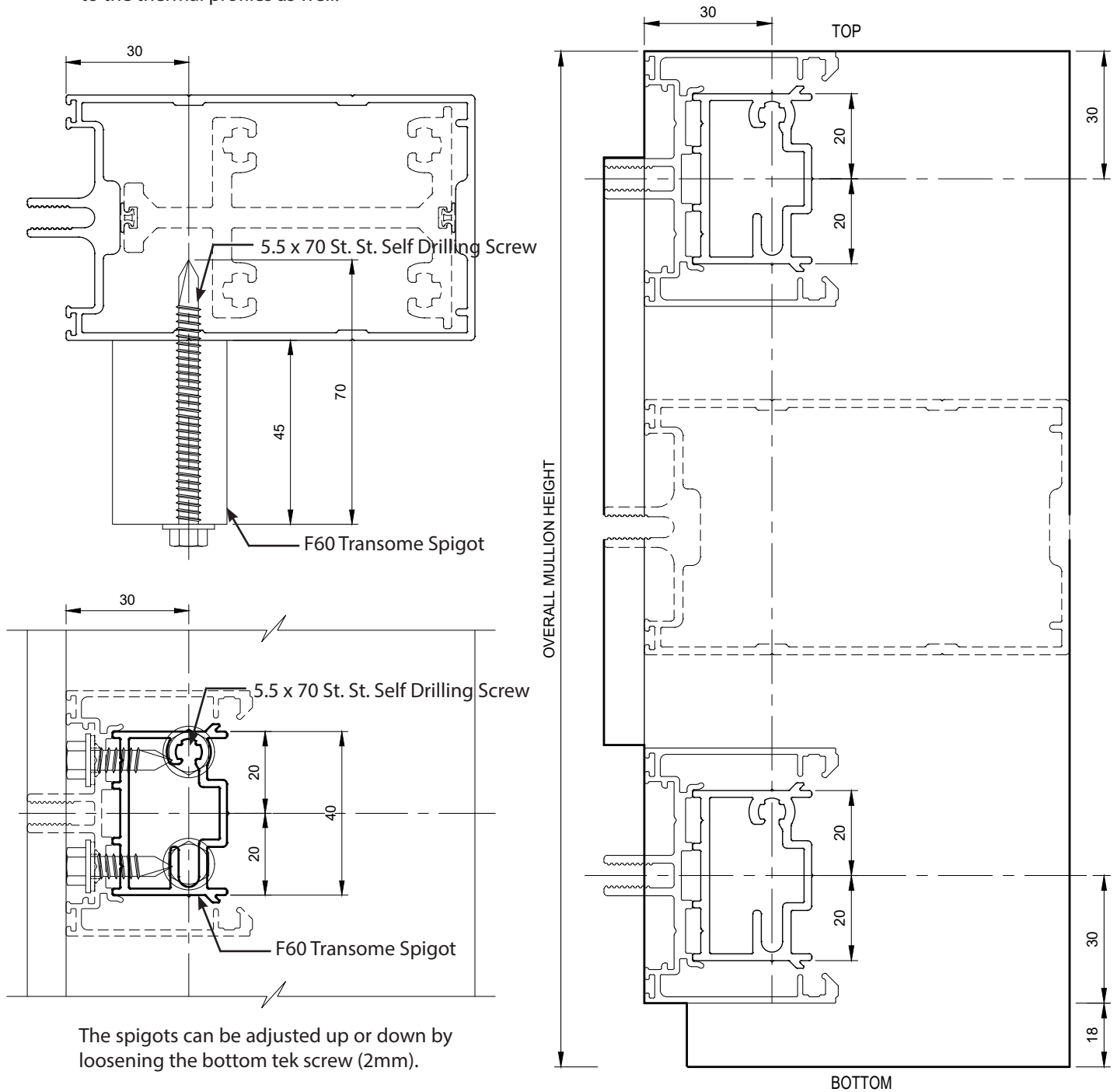
F60 F/G Adaptor Single/Double Glazed



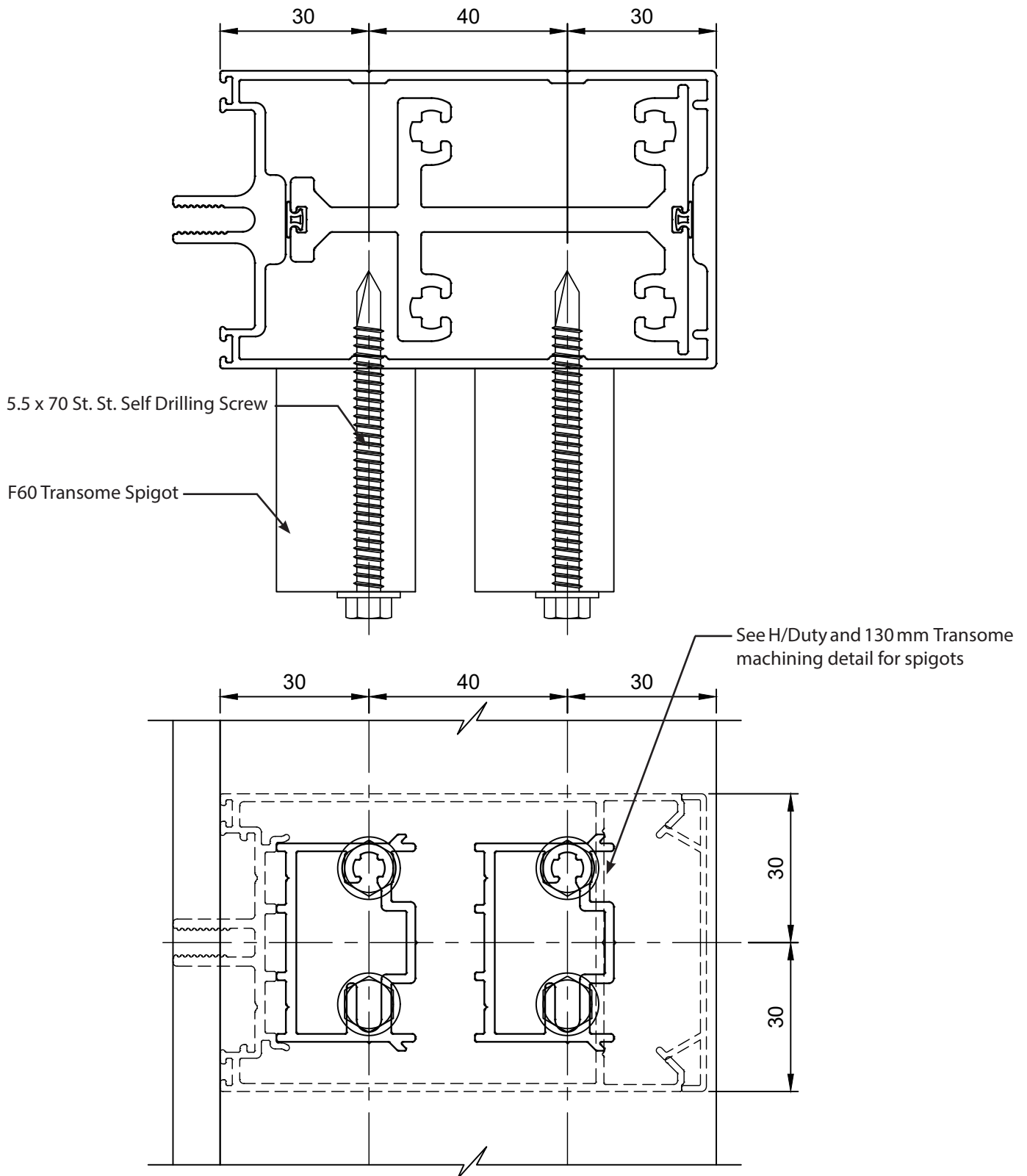


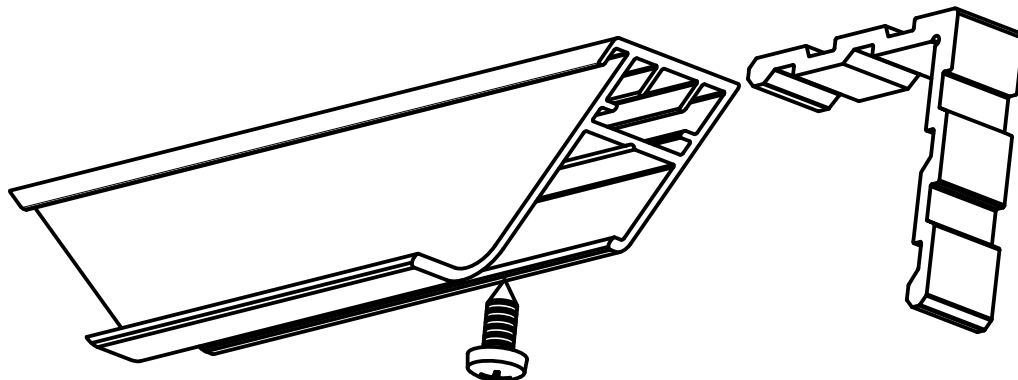


The spigot assembly details is applicable to the thermal profiles as well.

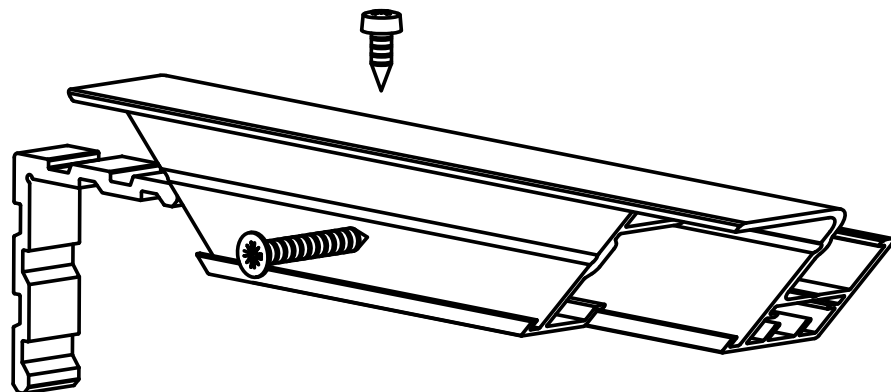


Double spigot fixing detail on the H/D and the 130 mm transome.

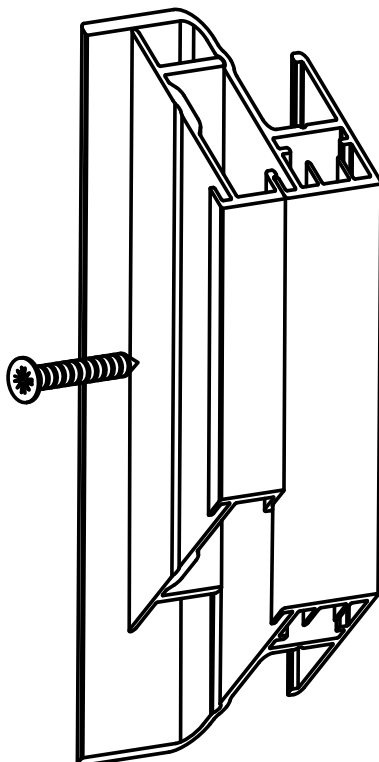




Typical detail showing Flush glaze frame with No 8 x 9 screw
fixing corner cleat into position



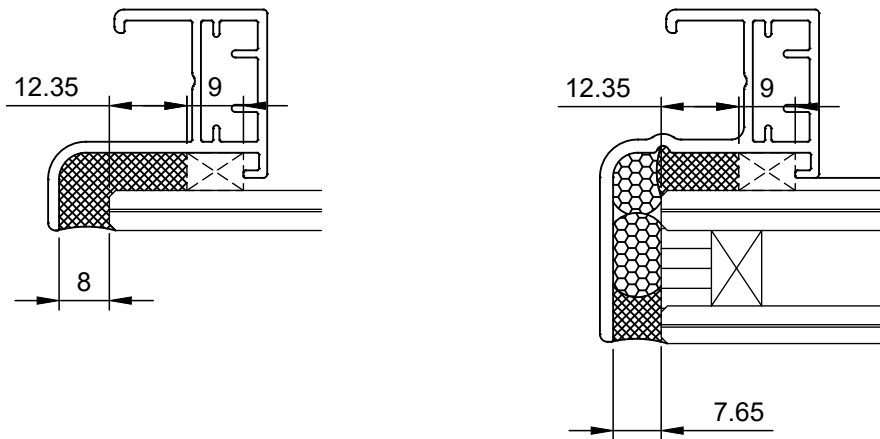
Typical detail showing Double Flush glaze frame with
Flush Glaze Single Double Adaptor fixed with No. 8 x 30 screw



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For large projects, using a 2 part structural silicone with pneumatic machinery is advisable.



NB:

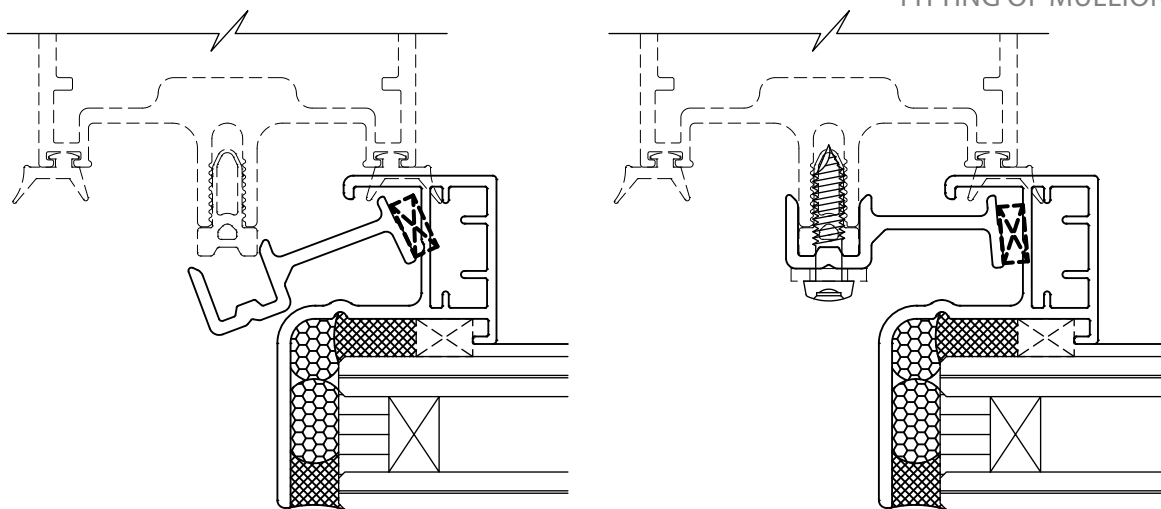
As shown, Norton's 6 x 9 double sided tape is fitted all around the flush glazing panel, thereafter the relevant glass is carefully position onto the frame, and then the structural silicone is applied as per the flush glazing frame.

Important information regarding structural silconing:

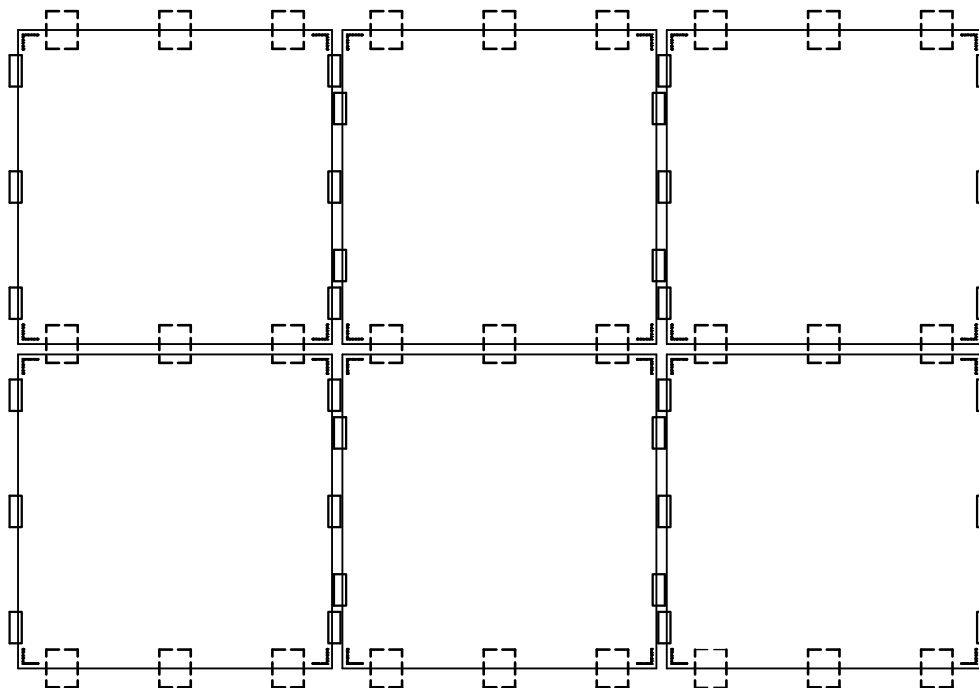
This manual is intended as a basic guideline only on the proper procedures for structural silconing & Wispeco will not be held responsible for any loss or damage whatsoever. An engineer or competent person is required for all projects over 10 m high.

1. Before starting any flush glazing project, an adhesion test **must** be carried out with a certified or reputable sealant testing laboratory. The purpose of the adhesion test is to ensure that each substrate used in the project (aluminium profiles, glass, gaskets etc) will be compatible. Upon completion of testing, a written product recommendation will be issued.(procedure can take up 6 weeks).
2. All surfaces (glass, aluminium & gaskets) must be clean, dry & dust free with no damage due to outdoor weathering. Use the correct cleaning solvents & procedures as recommended by the silicone supplier.
3. All the flush glazing glass panel edges must be polished all round. Ensure the glass panels which have special coatings are correctly placed within the frame. Be careful when handling the glass as finger prints can cause adhesion loss.
4. Once the glass is securely positioned within the frame, a continuous application of sealant is to be applied, avoiding any air entrapments. Whether a one or two part component sealant is used, the sealant must be exposed to atmospheric moisture to cure. Always ensure the sealant is within its shelf life.
5. Once the glazed panels has been structurally siliconed, the panels may not be moved until the correct curing time has been adhered to as specified.(preferable to use a 2 part silicone).
6. Always ensure correct adhesion testing is done once curing has been completed.
7. When placing orders onto your stockist for any flush glazing project, please stipulate that the profiles which are to be powdercoated is for a flush glazing project, so that the powdercoating batch number is recorded.
8. The maximum length for a flush glazing panel may not exceed 2000 mm.

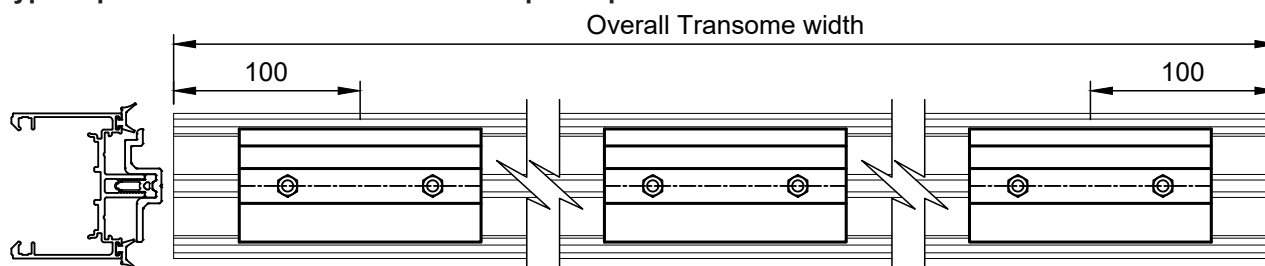
This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system.



Before fitting the Flush Glaze Mullion Clamps into the frame, fit a small piece of 6 x 9 double sided tape for holding the clamp in position & insert as shown. Once inserted, the clamps can be straightened out.

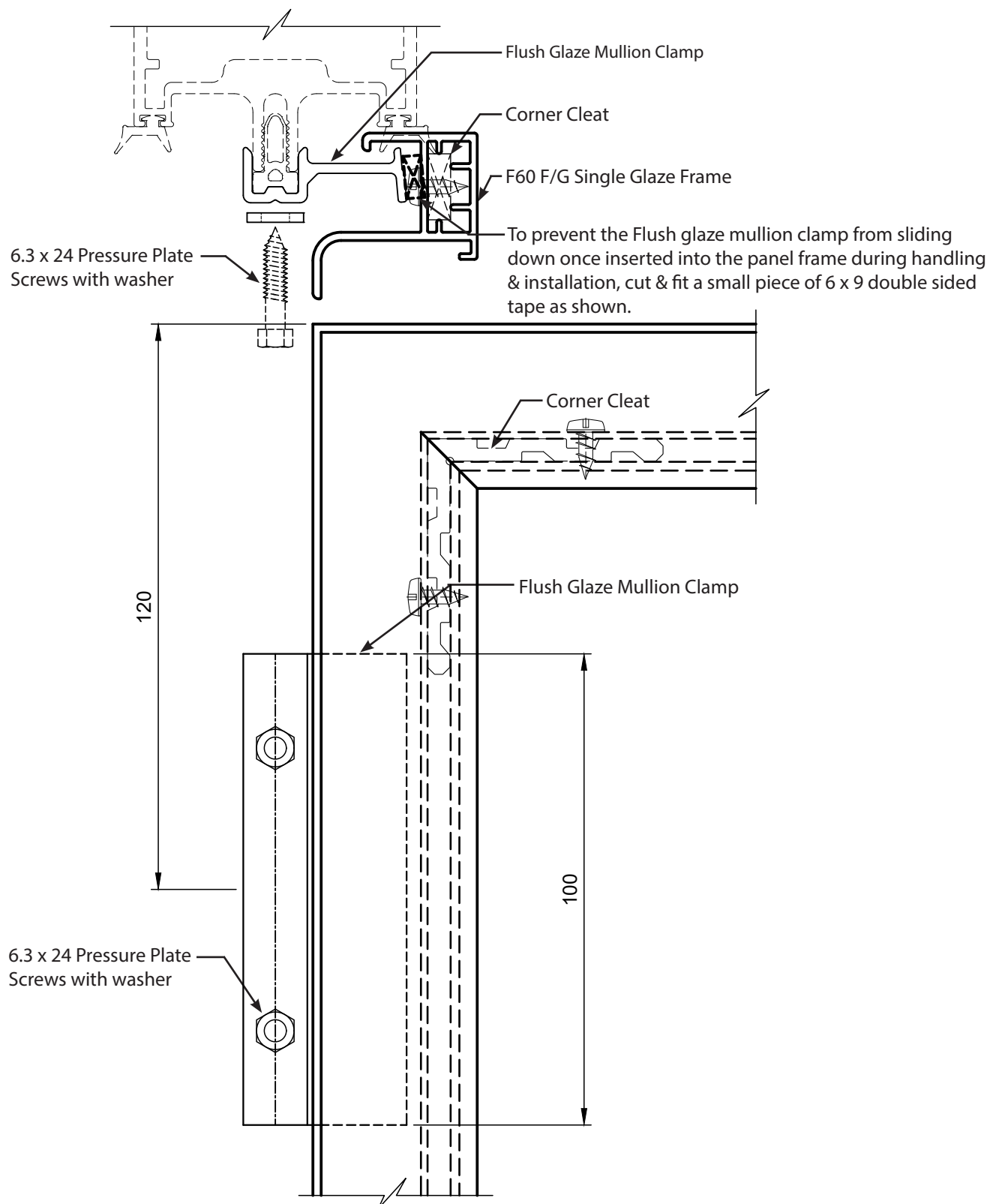


Typical positions of the Flush Glaze Clamps & Spacers.



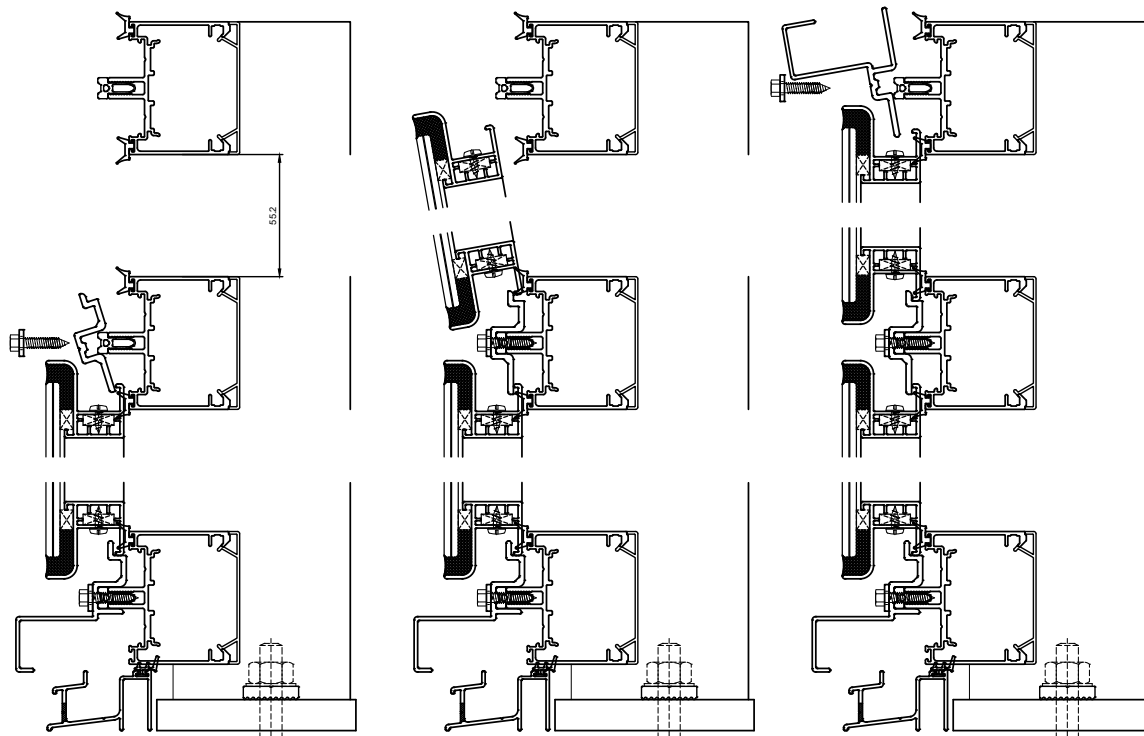
Positions of the Flush Glaze Spacer for the transomes. For transomes wider than 1800 mm, 4 x Flush Glaze Spacers need to be fitted with the F60 14 mm Spacer cut to the same length as the flush glaze spacer. Use the 6.3 x 24 Pressure Plate screws (Code: F60-PPS6.3x24)

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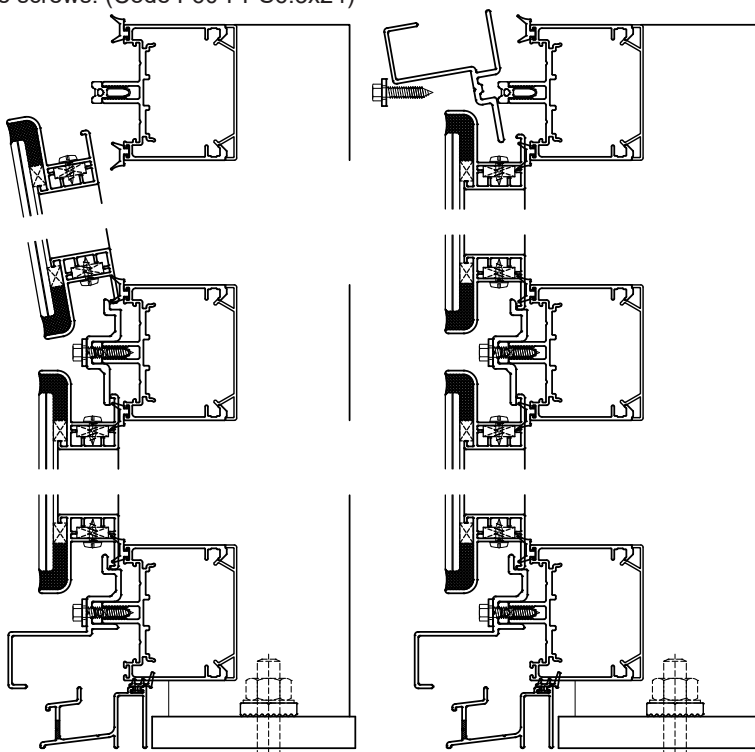
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Step 1: Fit the Flush Glaze Bottom Trim(continous) to the bottom row of transomes, as well as the 14 mm Spacer. Use the 6.3 x 24 Pressure Plate screws. (Code F60-PPS6.3x24)

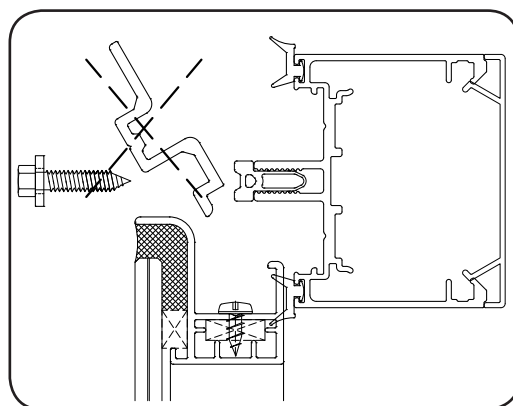
Step 2: Insert into position the bottom row of panels, which will rest on top of the Flush Glaze Bottom Trim.(running full width of the bottom of the screen).

Step 3: Fit the Flush Glaze Spacer onto the next row of transomes. The Flush Glaze Toggles which are fitted to the sides of the panels can now also be fixed to the mullions.



Step 4: Fit the next row of flush glazed panels as shown, allowing the panels to rest on the Flush Glaze Spacers.

Step 5: Once all of the top row of panels is fitted, the top Flush Glaze Channel can be fitted, and then the perimeter silicone applied.



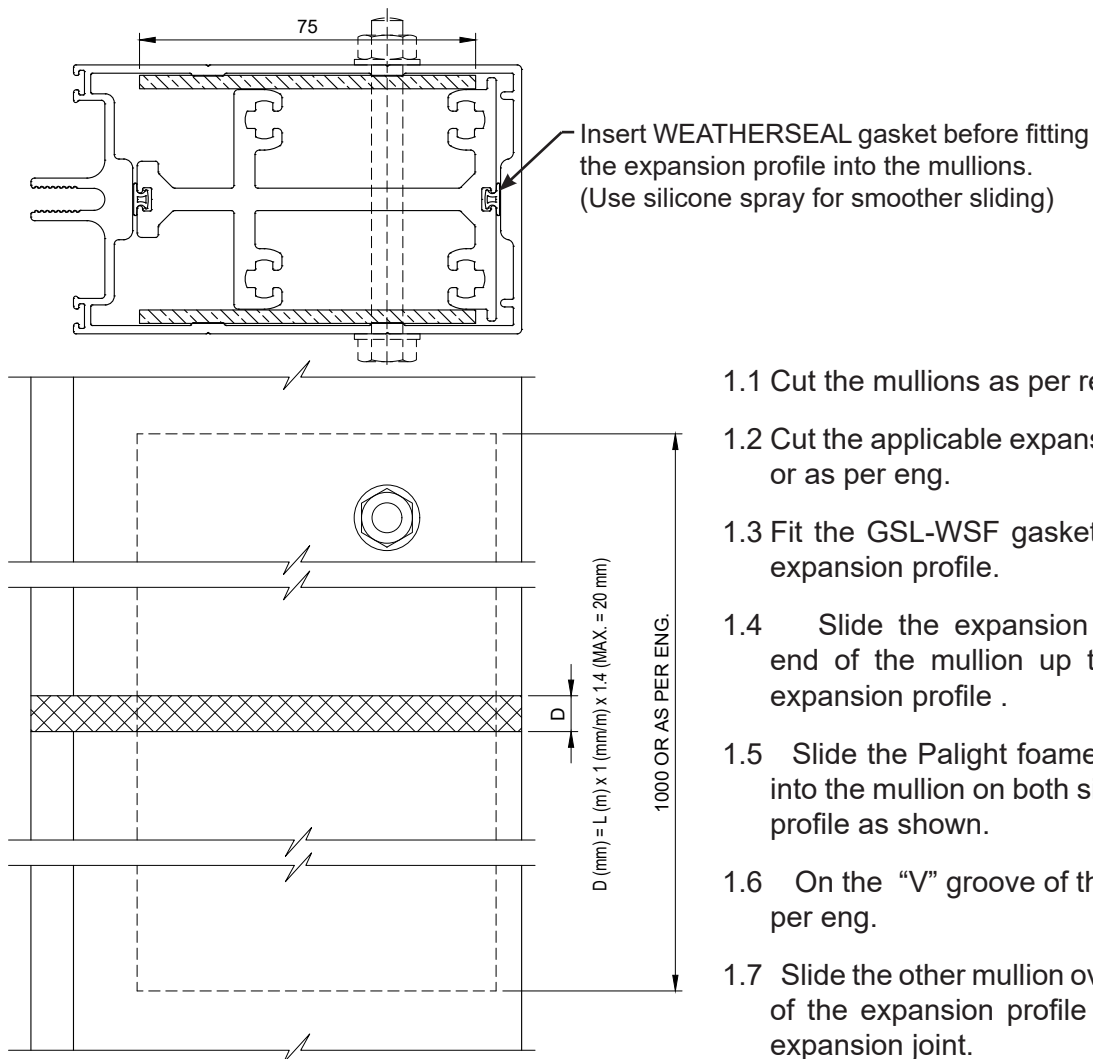
NB: The Flush Glaze Spacer cannot be fitted as shown above, as it is upside down, it will not be able to go into position.

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system.

For all Expansion Profiles

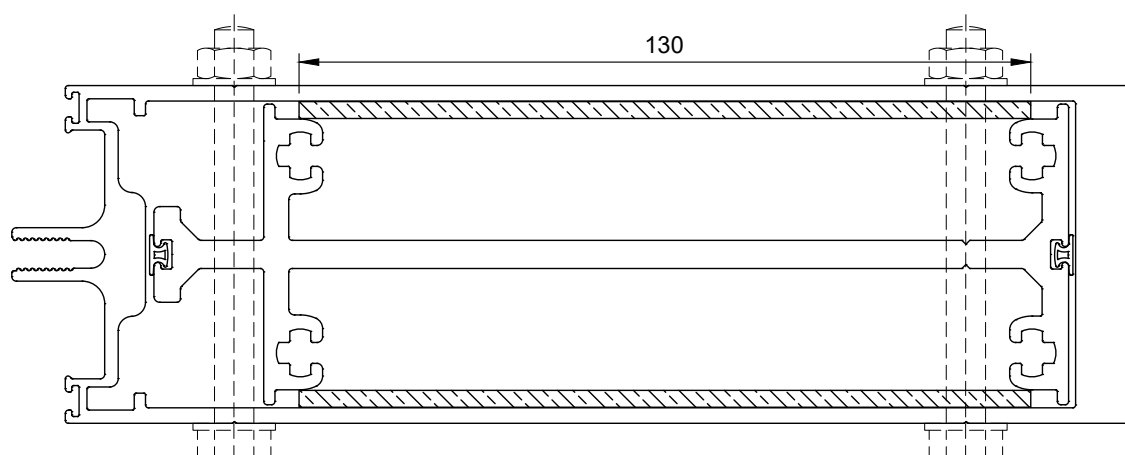
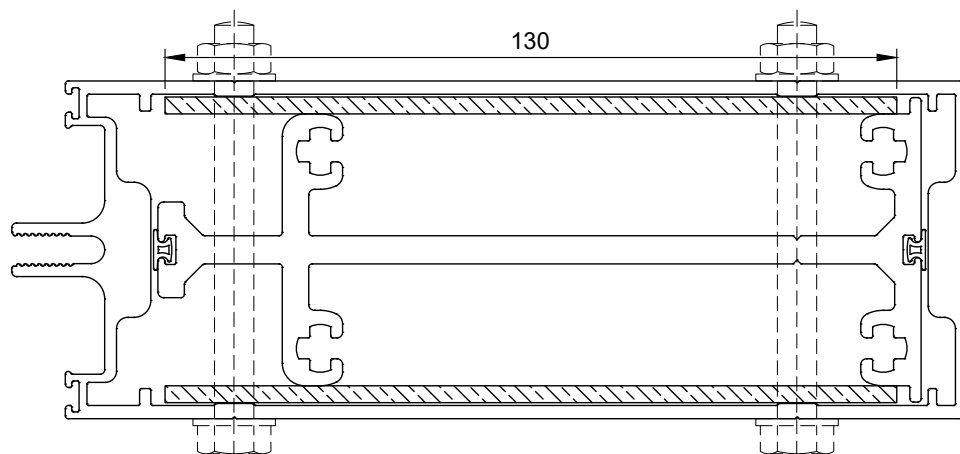
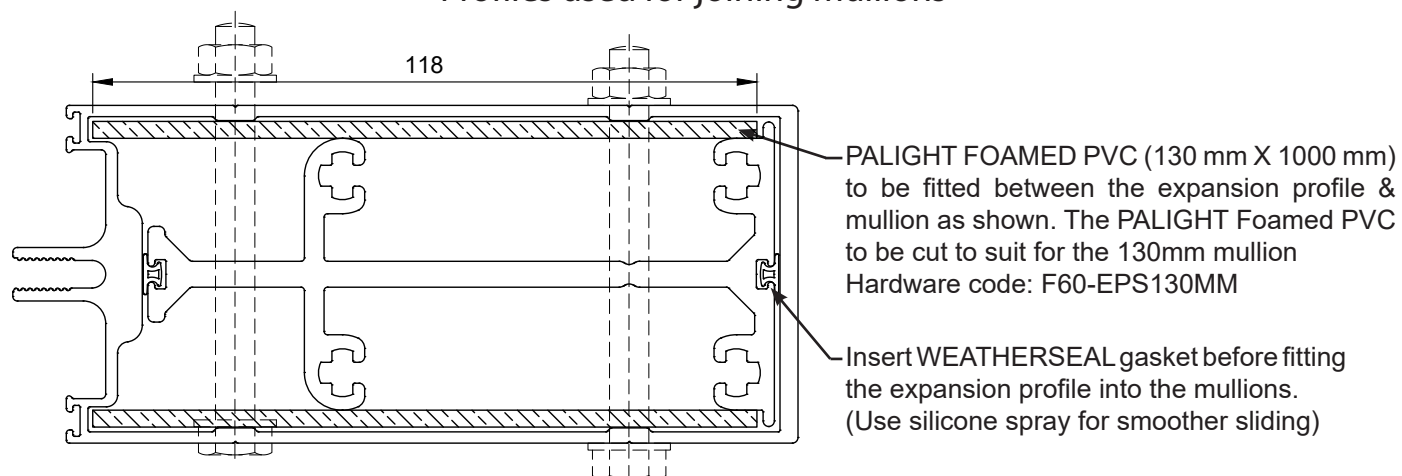
Note: An eng. must specify the correct fixing when fixing the expansion profiles to the mullions.

PALIGHT FOAMED PVC (75 mm X 500 mm) to be fitted between the expansion profile & mullion as shown. (CODE: F60-EPS75MM)



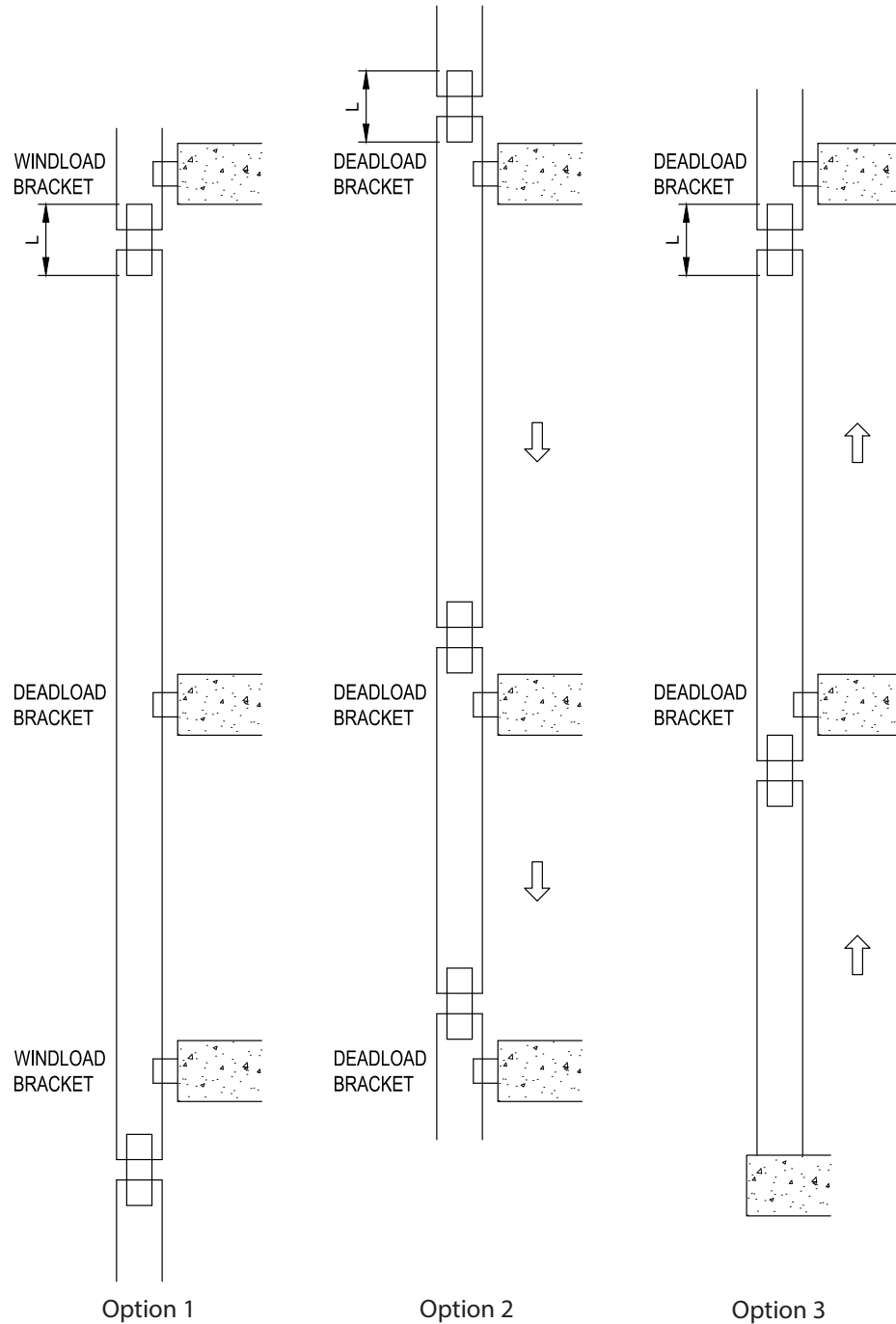
- 1.1 Cut the mullions as per required length.
- 1.2 Cut the applicable expansion profiles 1000mm or as per eng.
- 1.3 Fit the GSL-WSF gasket to both ends of the expansion profile.
- 1.4 Slide the expansion profile into the one end of the mullion up to centre line of the expansion profile .
- 1.5 Slide the Palight foamed pvc up to half way into the mullion on both sides of the expansion profile as shown.
- 1.6 On the “V” groove of the mullion, fix bolt as per eng.
- 1.7 Slide the other mullion over the remaining part of the expansion profile leaving the required expansion joint.
- 1.8 Silicone the joint, especially the inside of the mullion where the glass is located as water is designed to drain down the inner wet chamber.
- 1.9 Ensure the correct fixing is used as per an eng. for the fixing of the expansion profile to the mullion.

**130mm, 160mm & 190mm Expansion
 Profiles used for joining mullions**



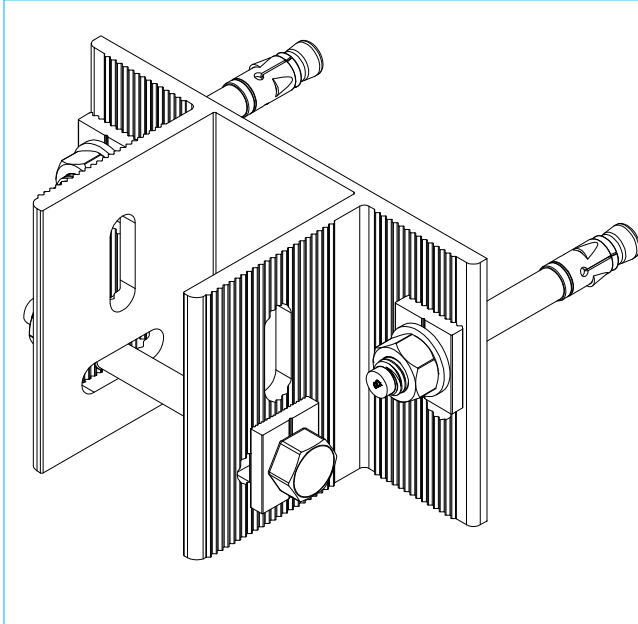
Note: An eng. must specify the correct fixing when fixing the expansion profiles to the mullions.

These fixing variations to be confirmed by an eng. as to what is suitable for each project

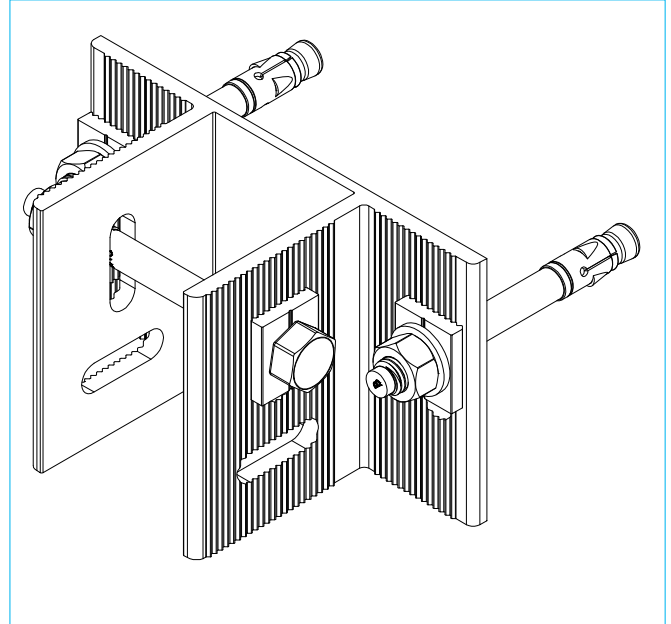


L (Expansion profile) = 1000 mm or as per eng.

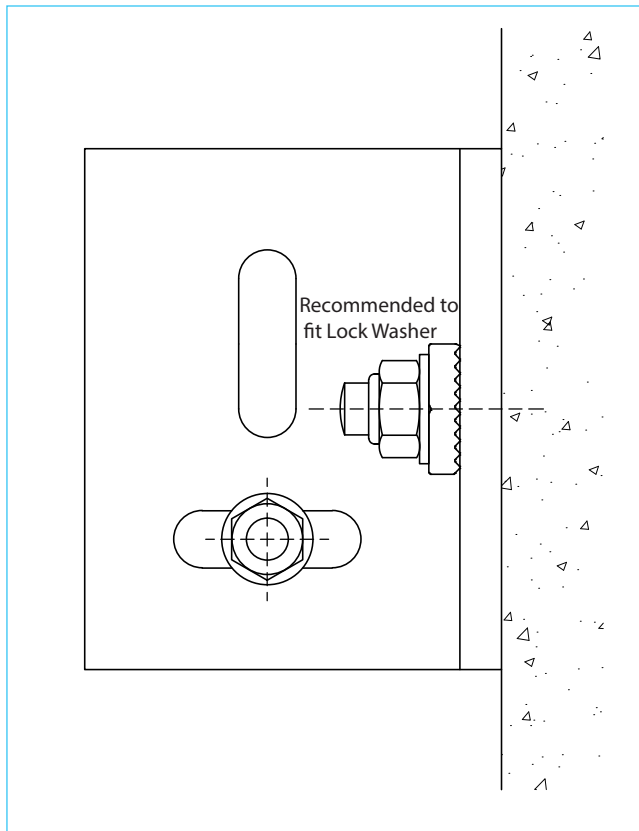
Deadload Bracket



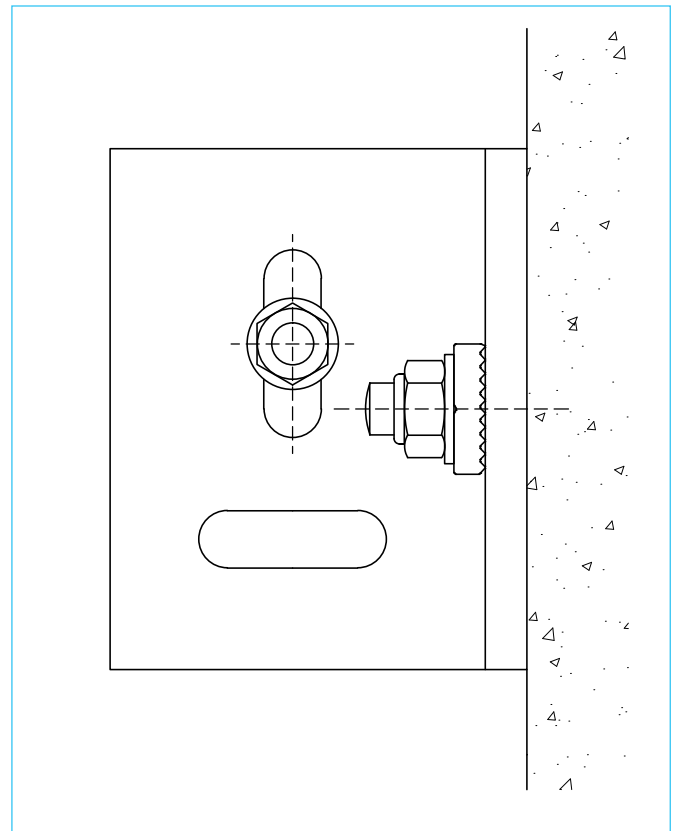
Windload Bracket



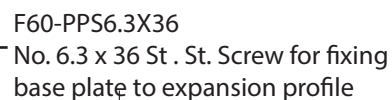
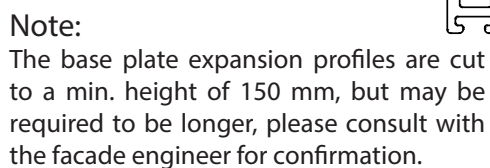
NOTE: All fixings to be specified by an engineer for intermediate anchors
 (Depicted anchors are for illustrative purposes only)

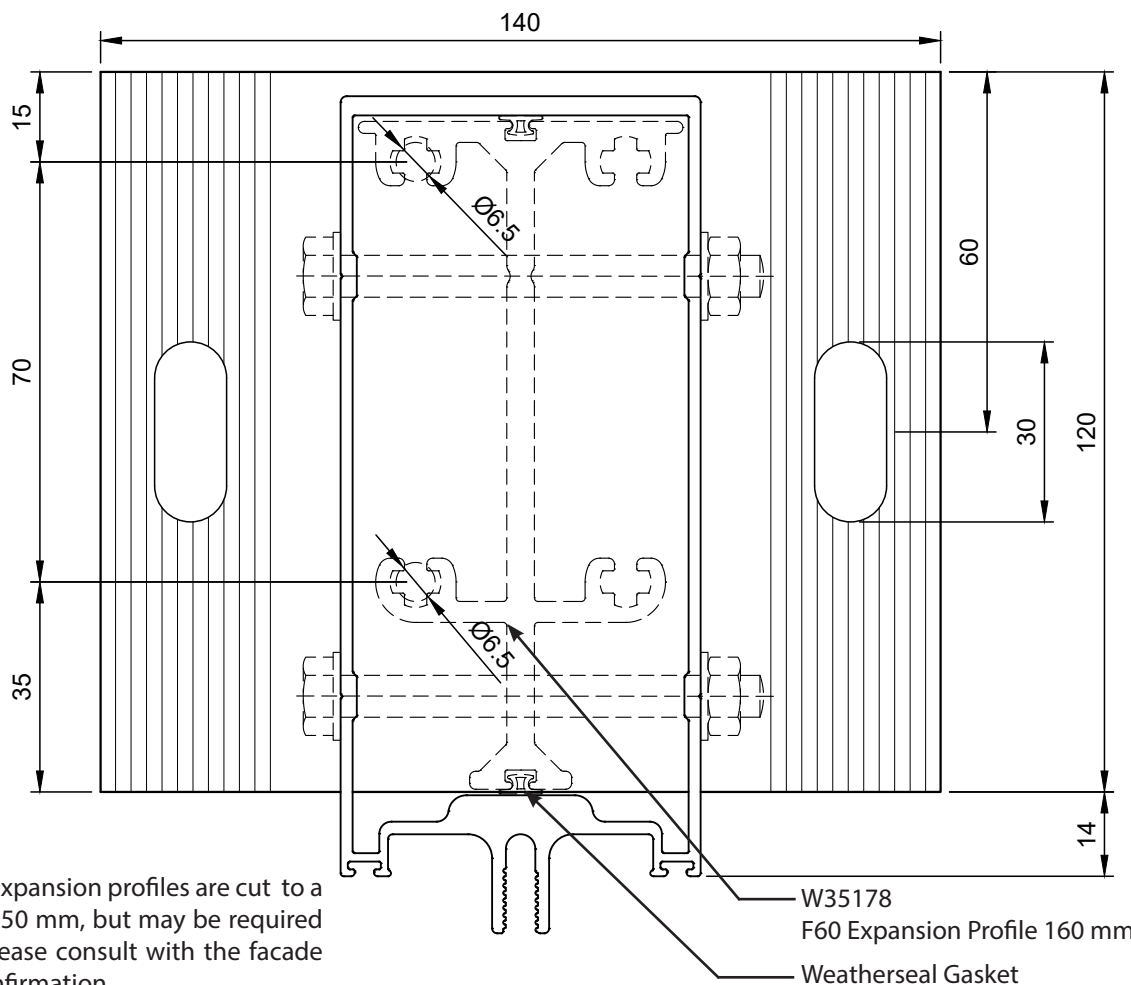


Slotted holes to be machined to suit the fixings. Drawing shows fixed intermediate anchor (deadload)



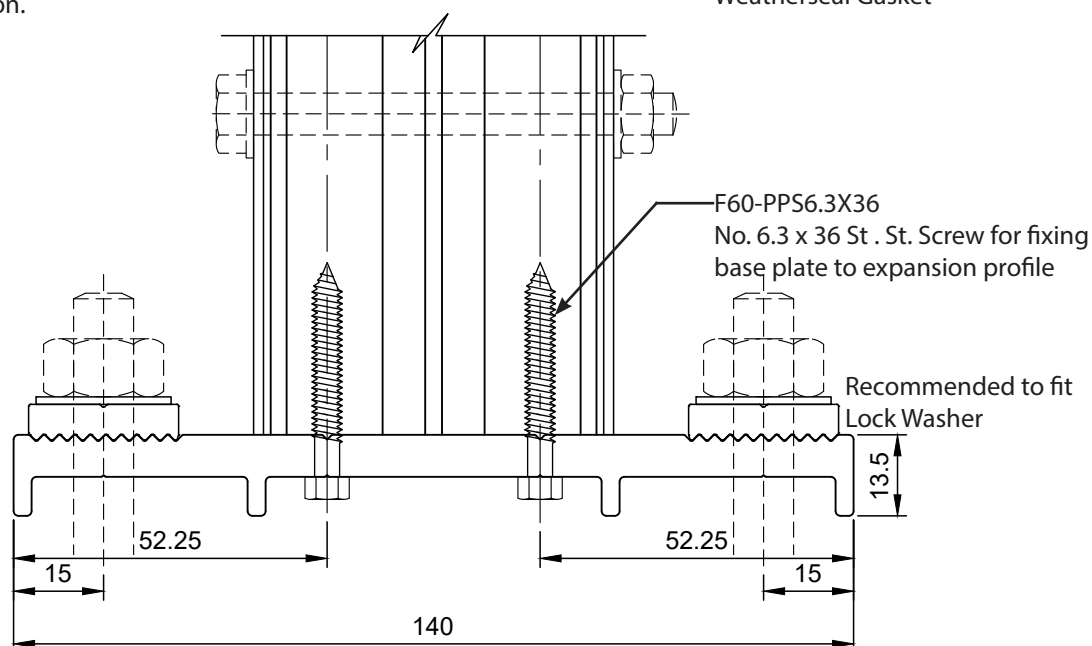
Slotted holes to be machined to suit the fixings. Drawing shows loose intermediate anchor (windload)

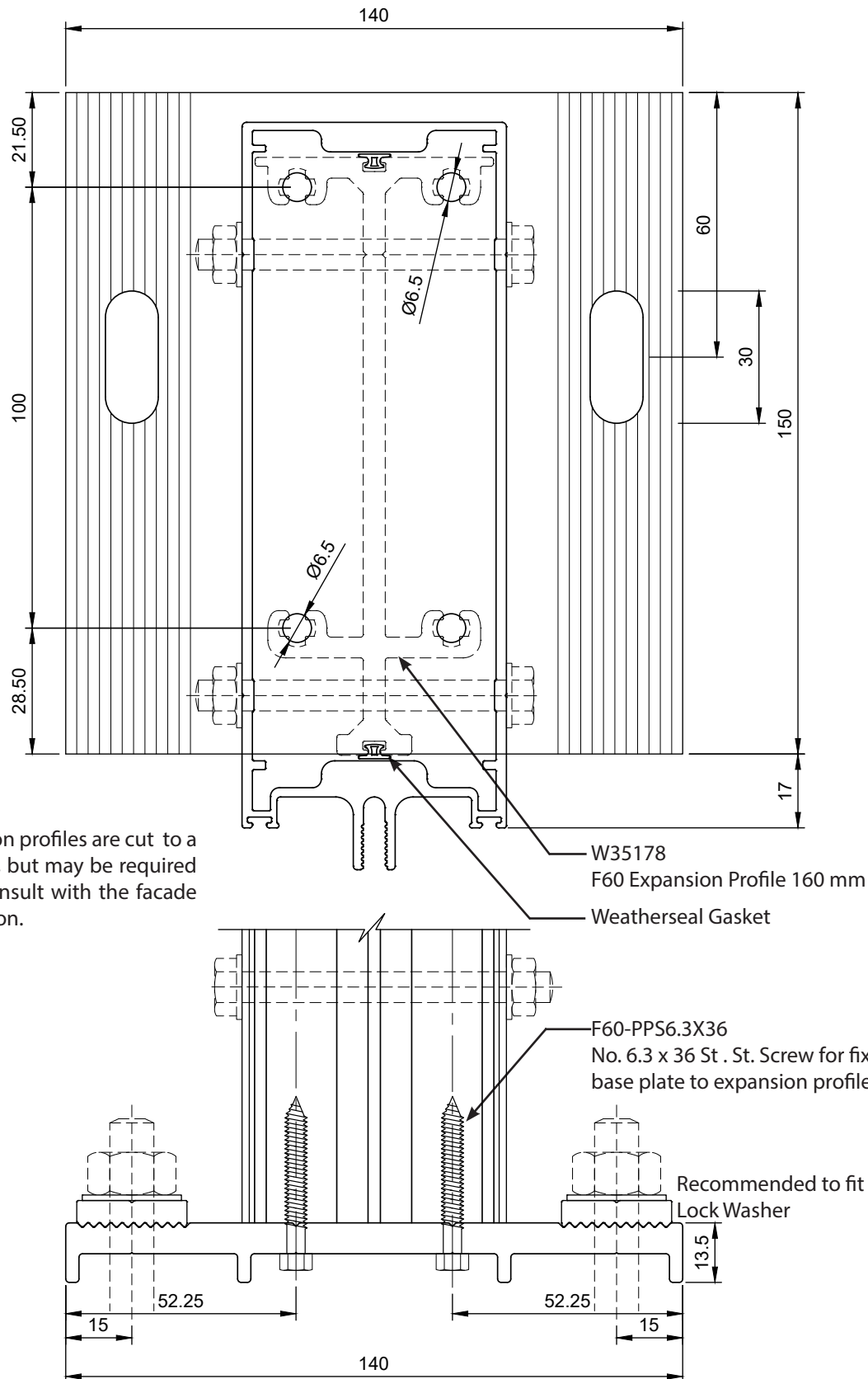




Note:

The base plate expansion profiles are cut to a min. height of 150 mm, but may be required to be longer, please consult with the facade engineer for confirmation.

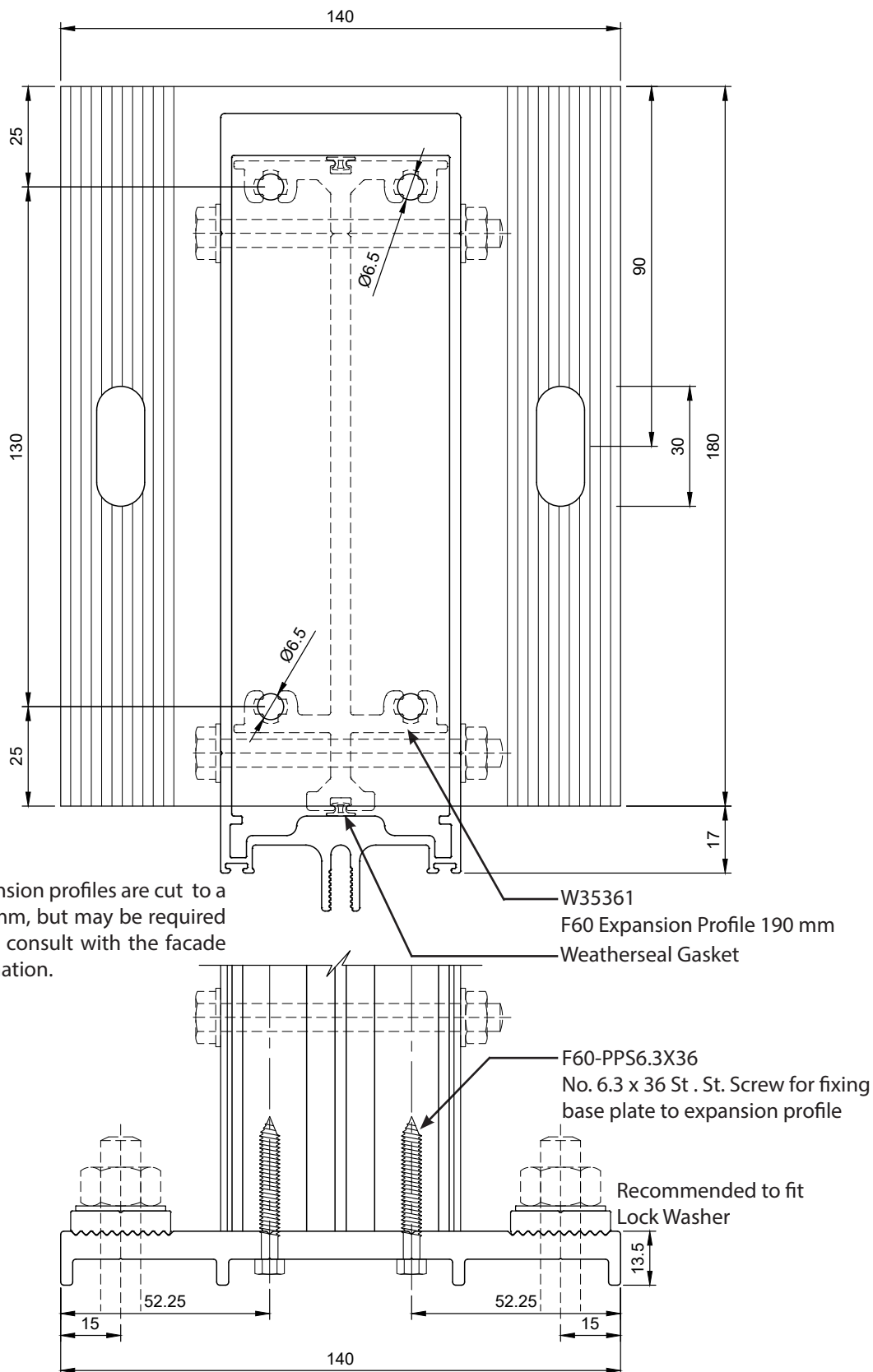




Note:
 The base plate expansion profiles are cut to a min. height of 150 mm, but may be required to be longer, please consult with the facade engineer for confirmation.

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Use this calculator to work out the required silicone as the silicone is not included in the quote from Wispeco.

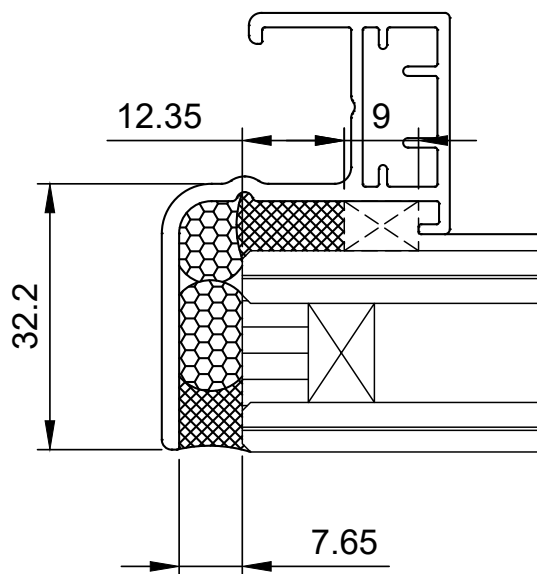
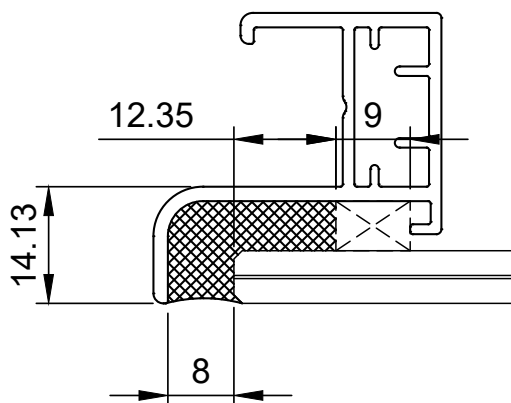
SEALANTS USAGE CALCULATOR

RUNNING METER PER 300ML CARTRIDGE

	WIDTH (mm)												
DEPTH (mm)	2	3	4	5	8	10	12	15	20	25	30	40	50
2	75.0	50.0	37.5	30.0	18.8	15.0	12.5	10.0	7.5	6.0	5.0	3.8	3.0
3	50.0	33.3	25.0	20.0	12.5	10.0	8.3	6.7	5.0	4.0	3.3	2.5	2.0
4	37.5	25.0	18.8	15.0	9.4	7.5	6.3	5.0	3.8	3.0	2.5	1.9	1.5
5	30.0	20.0	15.0	12.0	7.5	6.0	5.0	4.0	3.0	2.4	2.0	1.5	1.2
6	25.0	16.7	12.5	10.0	6.3	5.0	4.2	3.3	2.5	2.0	1.7	1.3	1.0
8	18.8	12.5	9.4	7.5	4.7	3.8	3.1	2.5	1.9	1.5	1.3	0.9	0.8
10	15.0	10.0	7.5	6.0	3.8	3.0	2.5	2.0	1.5	1.2	1.0	0.8	0.6
15	10.0	6.7	5.0	4.0	2.5	2.0	1.7	1.3	1.0	0.8	0.7	0.5	0.4
20	7.5	5.0	3.8	3.0	1.9	1.5	1.3	1.0	0.8	0.6	0.5	0.4	0.3

RUNNING FEET PER 300ML CARTRIDGE

	WIDTH (mm)												
DEPTH (mm)	2	3	4	5	8	10	12	15	20	25	30	40	50
2	246.1	164.0	123.0	98.4	61.5	49.2	41.0	32.8	24.6	19.7	16.4	12.3	9.8
3	164.0	109.4	82.0	65.6	41.0	32.8	27.3	21.9	16.4	13.1	10.9	8.2	6.6
4	123.0	82.0	61.5	49.2	30.8	24.6	20.5	16.4	12.3	9.8	8.2	6.2	4.9
5	98.4	65.6	49.2	39.4	24.6	19.7	16.4	13.1	9.8	7.9	6.6	4.9	3.9
6	82.0	54.7	41.0	32.8	20.5	16.4	13.7	10.9	8.2	6.6	5.5	4.1	3.3
8	61.5	41.0	30.8	24.6	15.4	12.3	10.3	8.2	6.2	4.9	4.1	3.1	2.5
10	49.2	32.8	24.6	19.7	12.3	9.8	8.2	6.6	4.9	3.9	3.3	2.5	2.0
15	32.8	21.9	16.4	13.1	8.2	6.6	5.5	4.4	3.3	2.6	2.2	1.6	1.3
20	24.6	16.4	12.3	9.8	6.2	4.9	4.1	3.3	2.5	2.0	1.6	1.2	1.0



N.B.

FG Trading or Dow Corning can assist with the requirements for structural silicone (including the adhesion test) & polycord.

Ködiglaze S Structural Silicone

January 2015

Sealants, Adhesive and Tapes



Product Description

Ködiglaze S is a two-component silicone adhesive system that is approved for structural glazing and direct glazing applications and complies with the requirements of EN 1279 part 2 & 3 and ETAG 002.

The product is ideal for structural silicone repair glazing on site as it has a much faster curing rate in comparison with a one-component structural silicone.

Key Features and Benefits

- Flexible bonding and sealing of different materials such as glass, aluminium, anodized aluminium, stainless and galvanized steel
- Easy application as a result of innovative new packaging
- Excellent UV, weather and temperature resistance
- Extremely low creep behaviour
- No odour, improving working conditions
- An extended shelf life of up to 12 months

Packaging

Ködiglaze S is now supplied in a brand new side-by-side cartridge of 490ml which has a separate outlet for each component. The patented cartridge interface prevents unnecessary cross-contamination and ensures that the outlets are kept clean at all times while the static mixer with bayonet lock guarantees a leak-free application.

Application

The product can be applied with 10:1 manual, pneumatic or battery-powered sealant guns. We stock manual and pneumatic sealant guns designed for the application of this specific type of side-by-side cartridge.

For more information about these sealant guns contact us.

Fraser Global Trading Pty Ltd

Website: www.fgtrading.co.za

Information: info@fgtrading.co.za

Orders: sales@fgtrading.co.za

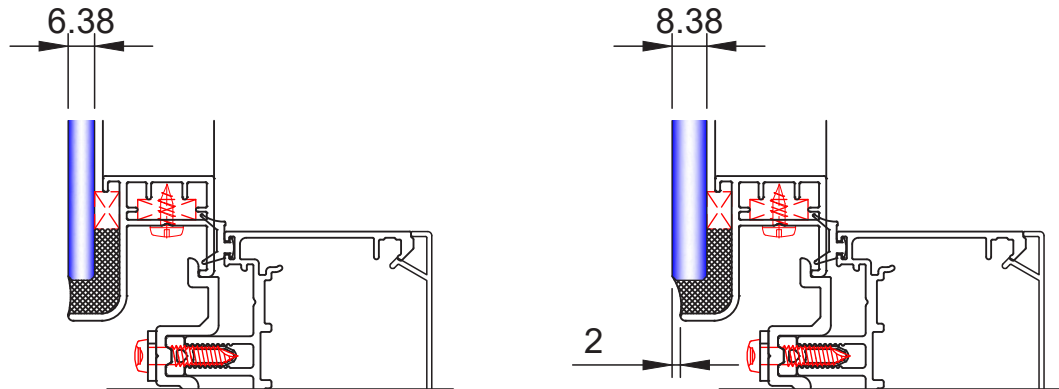
JHB Tel: 011 450 0263

Fax: 011 450 0306

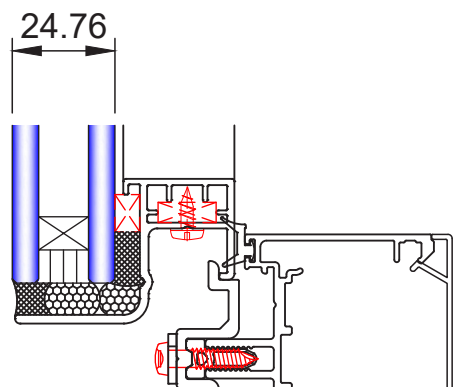
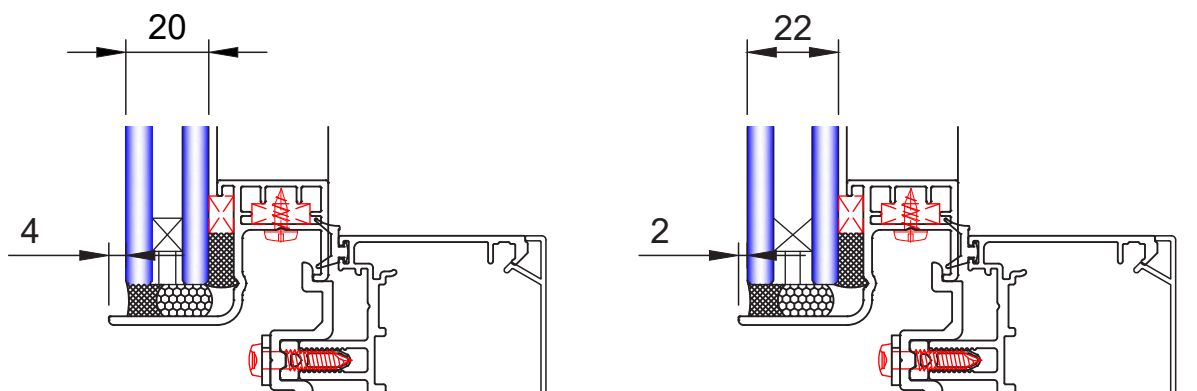
DBN Tel: 031 564 8692

Fax: 031 564 8691

Single Glazing

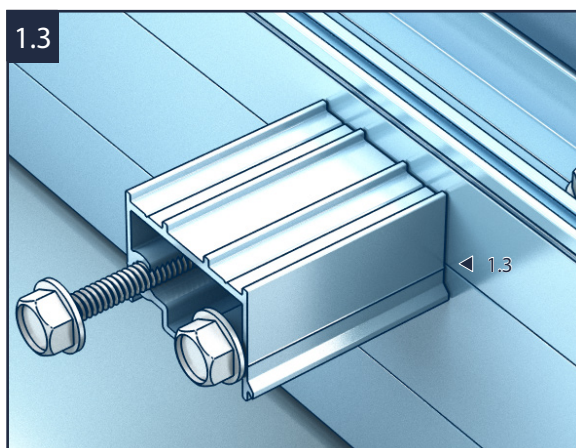
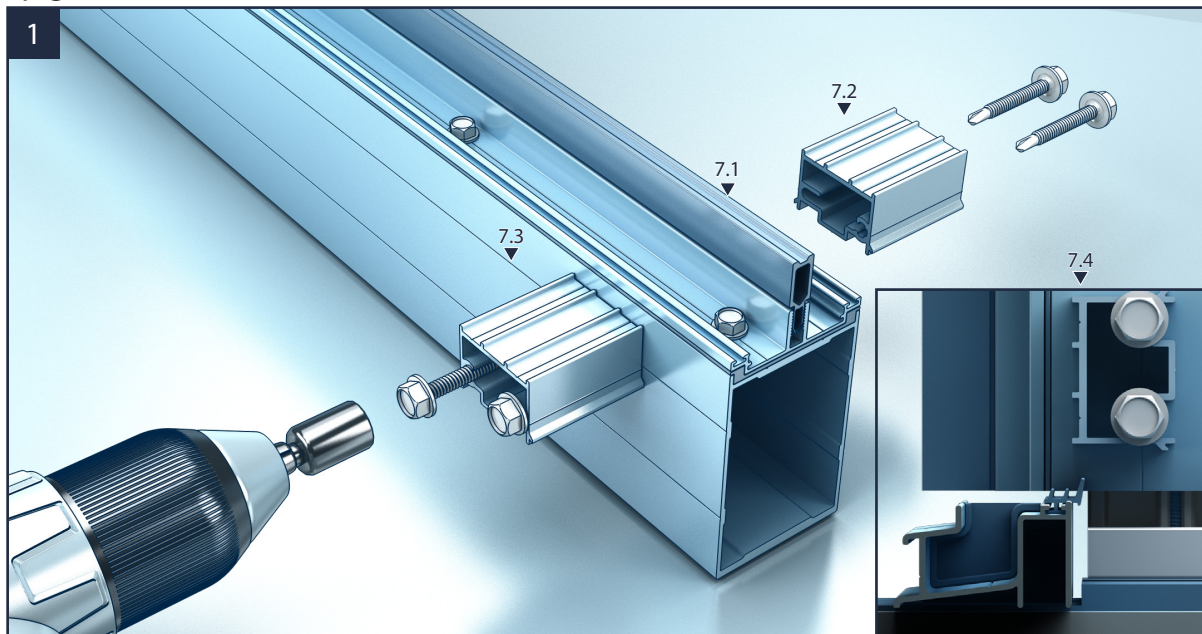


Double Glazing



This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system.

Spigots



- 1.1 Establish transome centres, see relevant page for correct positioning of spigots.
- 1.2 Fit pre-cut spigots using 5.5 x 70 St. St. Tek screws.
- 1.3 Ensure spigots are correctly positioned on the V-groove of the mullion.
- 1.4 Ensure correct orientation of the spigot & check that the spigot sits flush on the profile after fixing with the tek screws.

Note: Fasten the spigot to the mullion using the open port as this will allow minor adjustments to be made before complete fixation using the closed port.

- 2.1 Fit the appropriate gaskets into the transomes. See the glazing chart.
 - 2.2 Use the vulcanising glue to glue the gasket ends to the transome end caps.
- NB: Always make sure the gaskets are cut an extra 6 mm to 8 mm longer, so as to bond firmly against the end cap.

