PRODUCT MANUAL February 2020





A product of

LEGAL DISCLAIMER

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.

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 www.crealco.co.za.or.from StarFront

All drawings in the Wispeco Documentation are 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.

For the coastal regions and any other high corrosion areas, the following is advised: to minimize phylliform corrosion use SurTec650 RTU spray during the manufacturing of aluminium profile systems. This should be applied, before assembly, on all pre-work aluminium where the powder coating covering has been removed thereby exposing the raw aluminium base.

The use of non-specified hardware or incorrect mechanical fasteners can adversly 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 AAMSA specifications. When profiles are screwed together the screw centres 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.

**For Cleaning and Maintenance of this system please download the Wispeco Installation, Cleaning and Maintenance Procedures from the Crealco website (<u>www.crealco.co.za</u>).

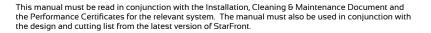
By continuing to use this documentation you acknowledge that you understand and accept the legal disclaimer.



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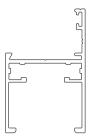


SWIFTTM 30.5 WINDOW (30.5 mm)

PRODUCT MANUAL

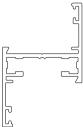
Profile Identification

Swift 30.5 Window Profiles



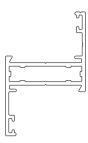
DIE No. W32028

Swift 30.5 Frame 30mm Equal Leg



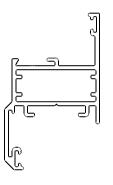
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Swift 30.5 Frame 30mm Unequal Leg



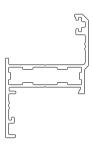
DIE No. W55684

Swift 30.5 Sash Tubular



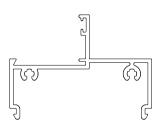
DIE No. W57602

Swift 30.5 Sash Multi Locking



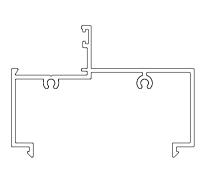
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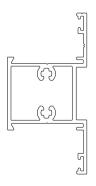
DIE No. W28481

Swift 30.5



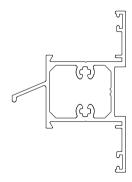
DIE No. W70968

Swift 30.5 Frame 70mm Sidelight



DIE No. W55685

Swift 30.5 Mullion



DIE No. W53630

Swift 30.5 Mullion 30mm Weather Bar

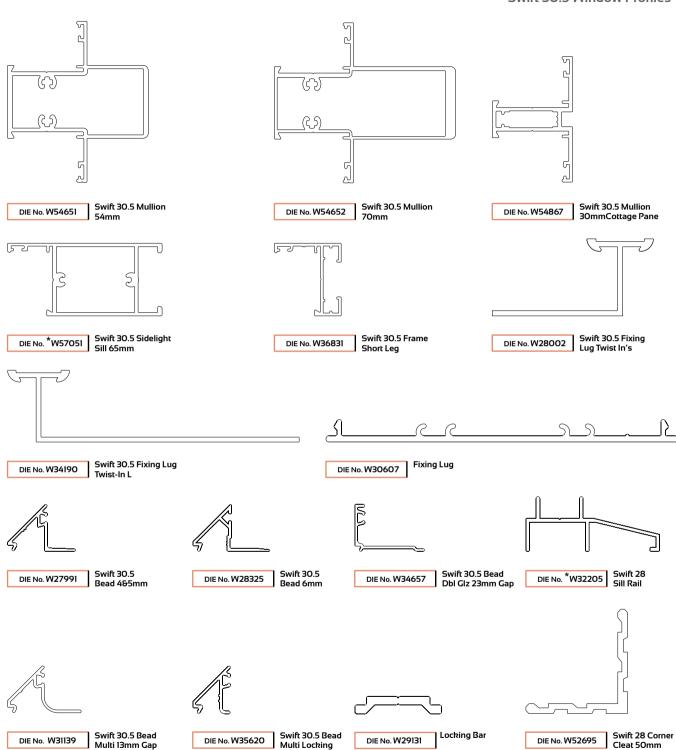


SWIFTTM 30.5 WINDOW (30.5 mm)

PRODUCT MANUAL

Profile Identification

Swift 30.5 Window Profiles



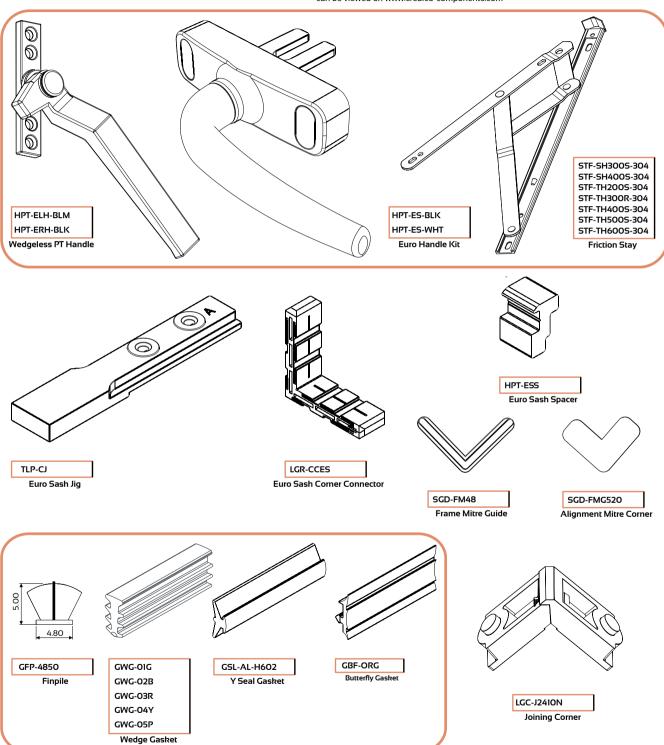
* - Non-Stock Item (only available from the mill)



Hardware Components

RECOMMENDED SWIFT 30.5 COMPONENTS

All hardware is available through our Stockists as well as through Crealco Components, and can be viewed on www.crealco-components.com

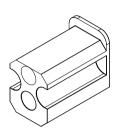




Hardware Components

RECOMMENDED SWIFT 30.5 COMPONENTS

All hardware is available through our Stockists as well as through Crealco Components, and can be viewed on www.crealco-components.com $\,$



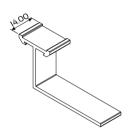
LGR-CC305B

30.5 Cross Connector PVC (Black)

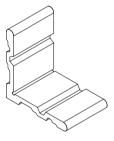


LGR-MP305B

Swift 30.5 Glazing Bar Packer (Black)

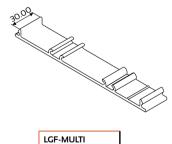


LGF-TL305-28002 Swift 30.5 Twist Lug 14mm

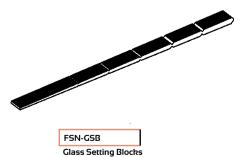


LGC-52695-305; LGC-305-PVC

Cleat Corner Alu Swift 30.5; Cleat Corner PVC 30.5



Multi Fixing Lug





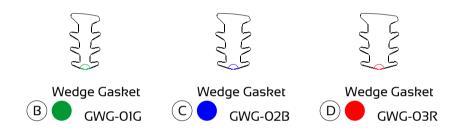


SWIFTTM 30.5 WINDOW (30.5 mm)

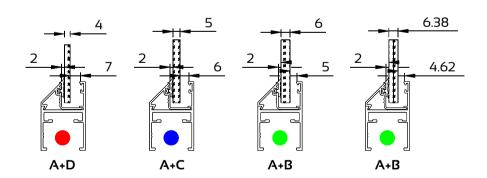
PRODUCT MANUAL

Butterfly Gasket & Wedge Codes



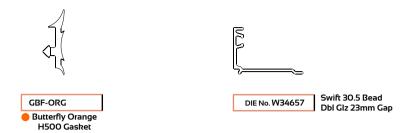


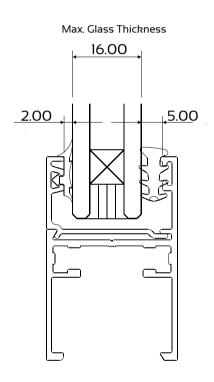
WEDGES





Double Glazing Bead





Wedge Gasket Chart

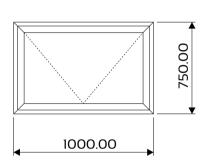
| Code | Description | Wedge Gap To Fit | |
|---------------------------------|-------------------------------------|------------------|--|
| GWG-01G | Wedge 01 Green 6mm & 6.38mm Glass | 4.10mm To 5.50mm | |
| GWG-02B Wedge 02 Blue 5mm Glass | | 5.60mm To 6.70mm | |
| GWG-03R | Wedge O3 Red 4mm Glass | 6.80mm To 7.50mm | |
| GWG-05P | Wedge 01 Purple 20mm Double Glazing | 7.60mm To 8.80mm | |

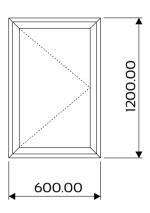


Sash Limitation Guide

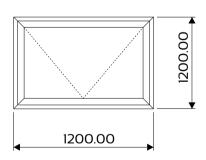
The sash limitations of the system are strictly calculated in accordance to AAMSA guidelines and take into account the aluminium specifications as well as the glass used. Please ensure that these are adhered to as any product produced outside of these limitations will not adhere to AAMSA regulations.

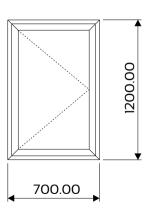
| | | Maximum Vent Width | Maximum Vent Height in mm | |
|---------------|--------|-----------------------|---------------------------------|--|
| STANDARD SASH | | in mm | | |
| Top Hung | W55684 | 1000 | 750 | |
| Side Hung | W55064 | 600 | 1200 | |





| | | Maximum Vent Width | Maximum Vent Height | |
|-----------------|---------|-----------------------|------------------------|--|
| MULTI LOCK SASH | | in mm | in mm | |
| Top Hung | W57602 | 1200 | 1200 | |
| Side Hung | VV3/0U2 | 700 | 1200 | |







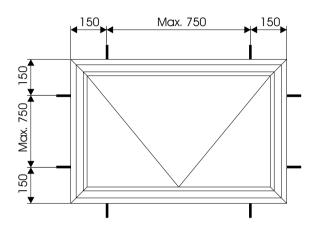
Typical Fastening Positions

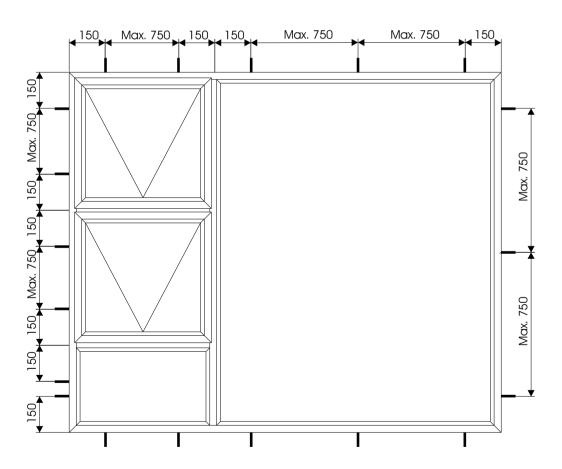
IMPORTANT:

As there are many different methods of fixing the window to the structure, the illustration below is a general fixation detail. The illustration defines the general method and hole fixing. Before installation or machining of the holes, please ensure that you have checked the required fixing method with the appropriated building engineer and that your chosen methods meets their specifications

Failure to fix the window to correct building or engineer specifications will result in the door not meeting the required specifications.

DISCLAIMER: Please note that fixation of the frame to the structure is an element which MUST be specified and certified by an appropriate engineer and is not the responsibility of Wispeco.





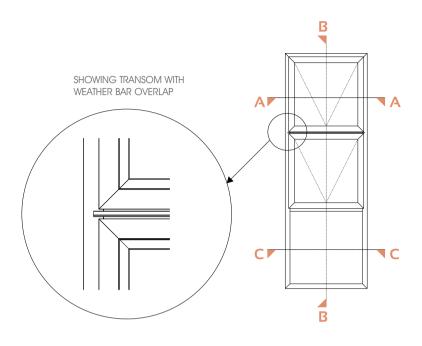


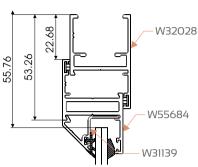
Typical Cross-sectional Details

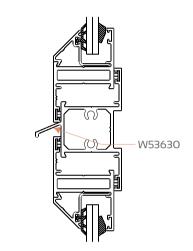
Double Top Hung Over Fixed

SECTION B-B

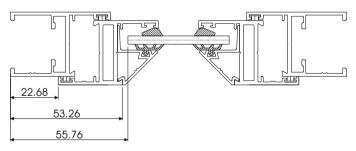
Section not to scale



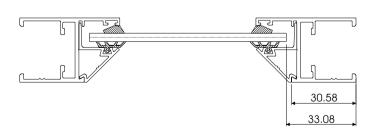


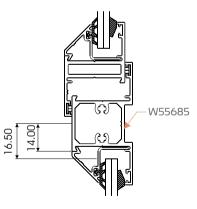


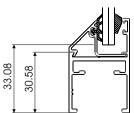
SECTION A - ASection not to scale



SECTION C-CSection not to scale







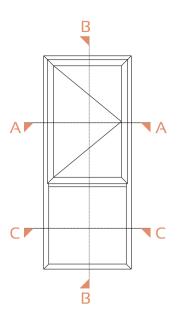


SWIFTTM 30.5 WINDOW (30.5 mm)

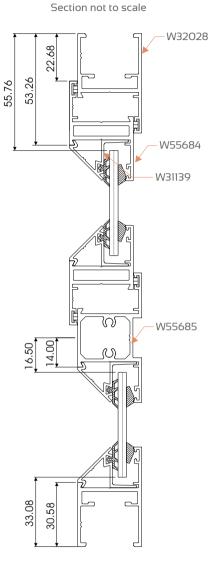
PRODUCT MANUAL

Typical Cross-sectional Details

Side Hung Over Fixed

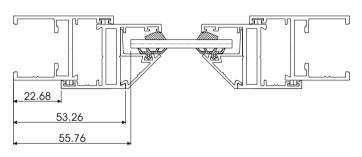


SECTION B-B



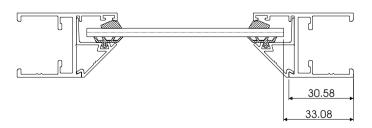
SECTION A - A

Section not to scale



SECTION C-C

Section not to scale



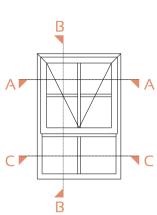


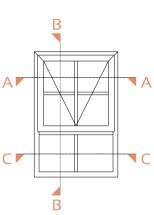
Typical Cross-sectional Details

Cottage Pane 2x2 Top Hung Over 2x1 Fixed Panel

SECTION B-B

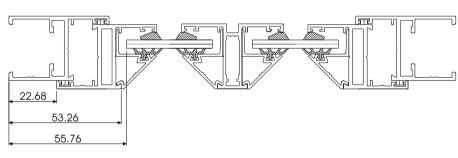
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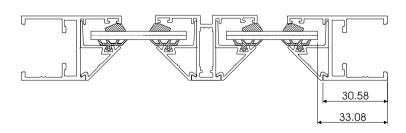
SECTION A - A

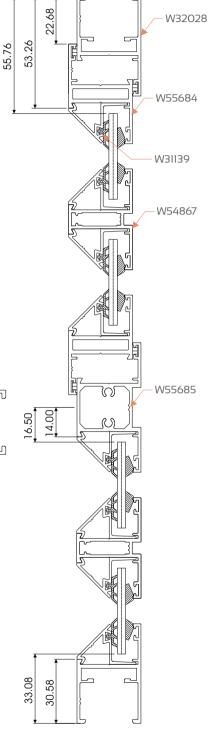
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SECTION C-C

Section not to scale

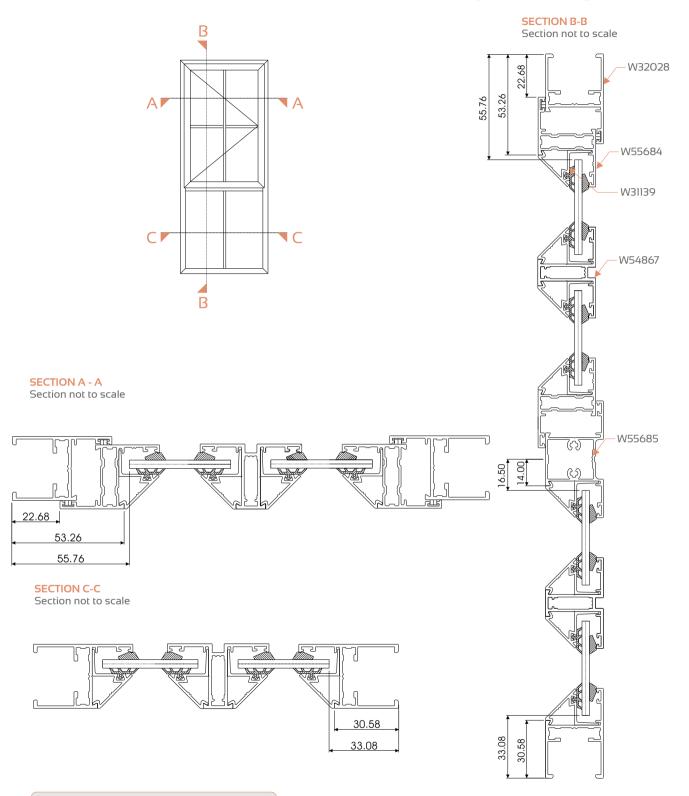






Typical Cross-sectional Details

Cottage Pane Side Hung Over Fixed Panel



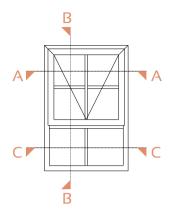


SWIFTTM 30.5 WINDOW (30.5 mm)

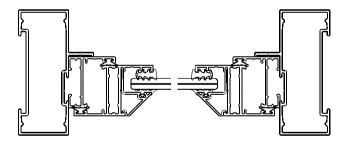
PRODUCT MANUAL

Typical Cross-sectional Details

Cottage Pane 2x2 Top Hung Over 2x1 Fixed Panel

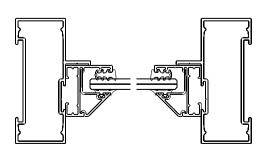


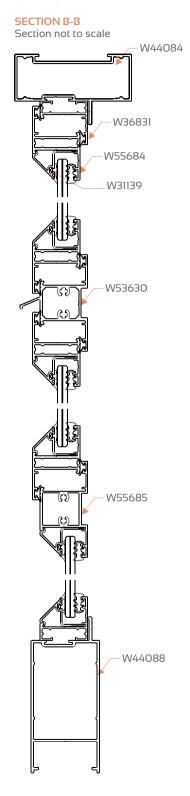
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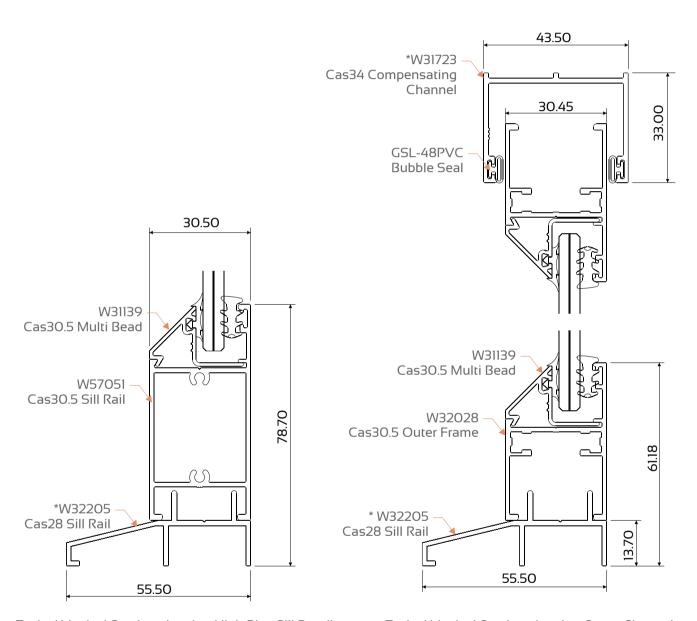
SECTION C-C

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Typical Vertical Section showing High Rise Sill Detail

Typical Vertical Section showing Comp Channel & Sill Detail

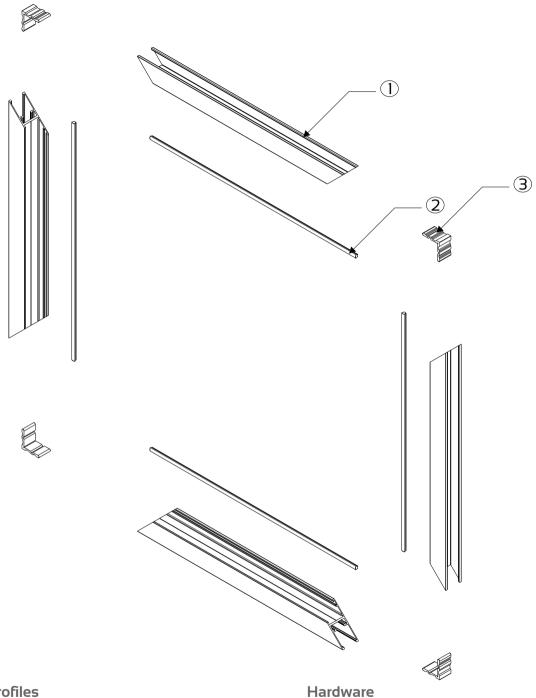
* - Non-Stock Dies



SWIFTTM 30.5 WINDOW (30.5 mm)

PRODUCT MANUAL

Typical Outer Frame Construction



System Profiles

| ITEM | QTY | DIE No. | DESCRIPTION |
|------|-----|---------|-------------------------------|
| 1 | 4 | W32028 | Frame 30mm Equal Leg Standard |

| ITEM | QTY | COMPONENT | DESCRIPTION |
|------|-----|-----------|-------------|
| 2 | 4 | Finpile | Finpile |

Corner Cleat



This manual must be read in conjunction with the Installation, Cleaning θ Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

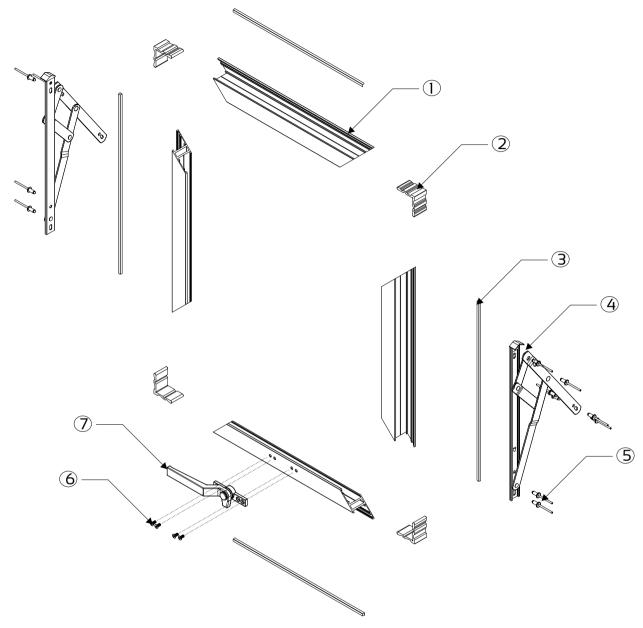
Swift 30.5 Corner Cleat

40mm

SWIFTTM 30.5 WINDOW (30.5 mm)

PRODUCT MANUAL

Typical Sash Frame Construction



System Profiles

Hardware

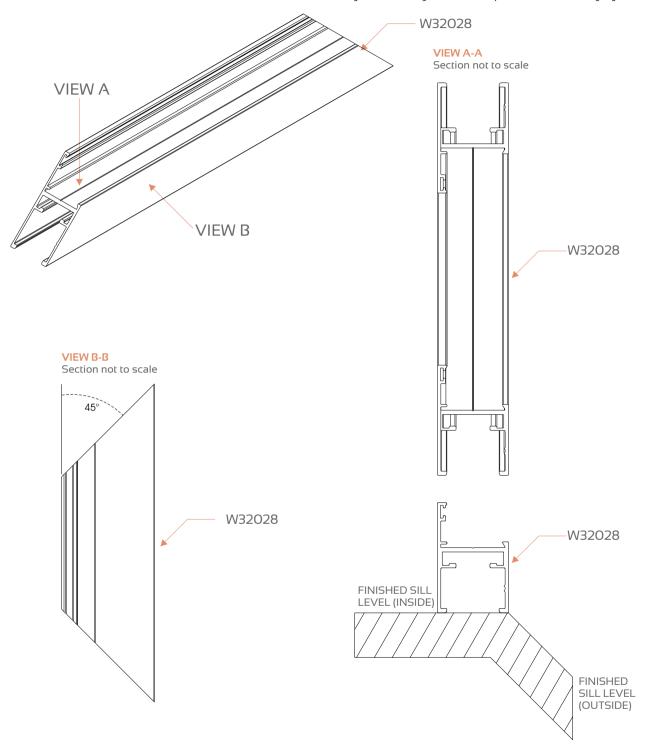
| ITEM | QTY | DIE No. | DESCRIPTION | ITEM | QTY | COMPONENT | DESCRIPTION |
|------|-----|---------|-----------------------|------|-----|---------------|------------------------------|
| 1 | 4 | W55684 | Sash Tubular Standard | 2 | 4 | Corner Cleat | Swift 30.5 Corner Cleat 40mm |
| | | | | 3 | 4 | Finpile | Finpile |
| | | | | 4 | 2 | Friction Stay | Friction Stay |
| | | | | 5 | 12 | Pop Rivet | C/Sunk/Dome Rivet |
| | | | | 6 | 4 | Screw | Handle Screw Blunt Point |
| | | | | 7 | 1 | Handle | Euroline PT Handle |



Typical Outer Frame Machining Details

Equal Le

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.

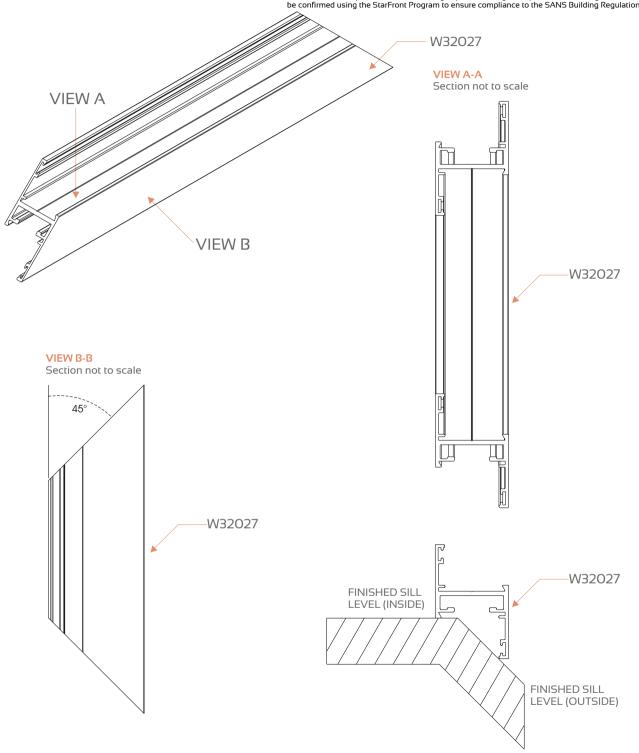




Typical Outer Frame Machining Details

Unequal Leg

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.

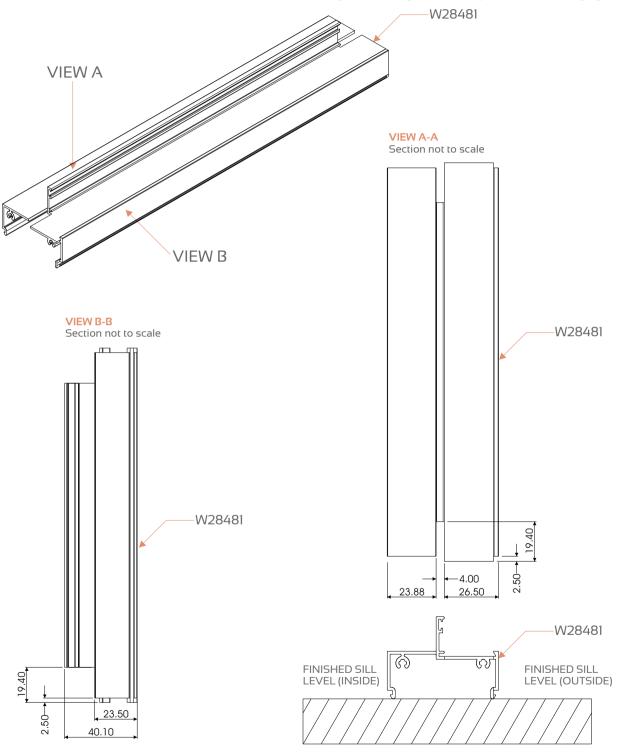




Typical Outer Frame Machining Details

54mm

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.

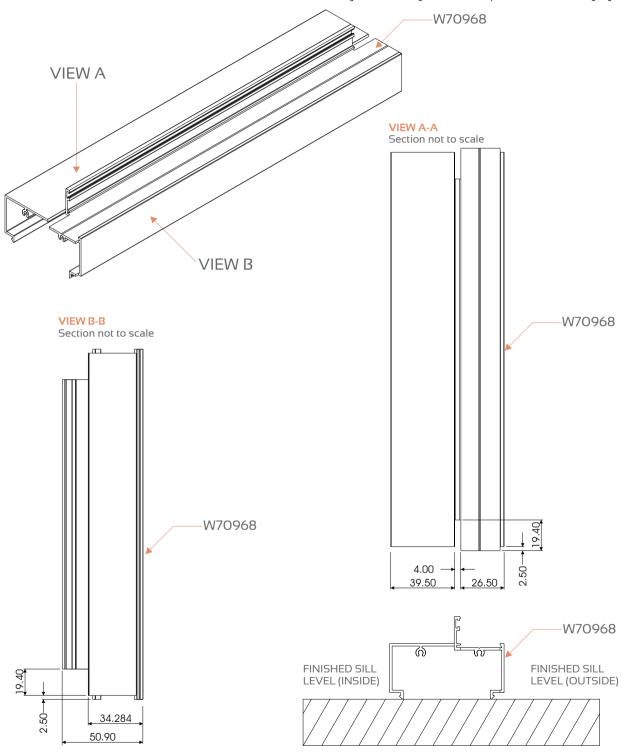




Typical Outer Frame Machining Details

70mm

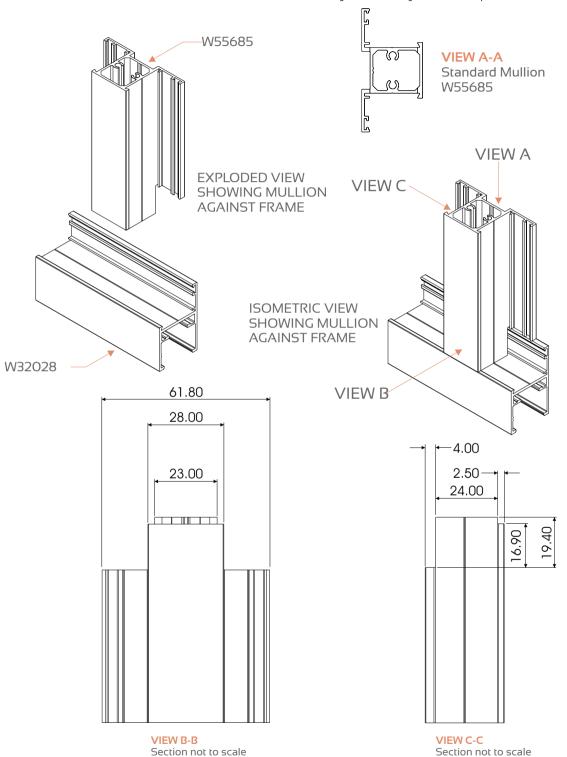
Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





Standard Machining Detail for End Milling on Equal Leg Outer Frame

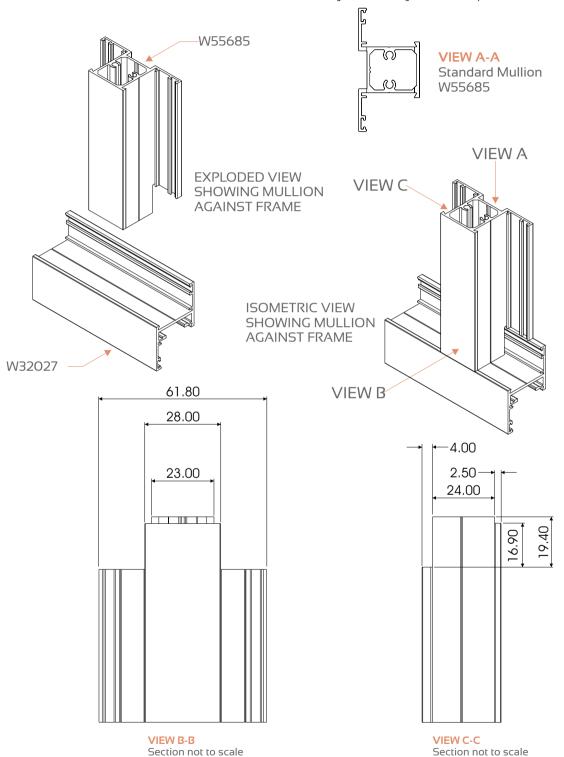
Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





Standard Machining Detail for End Milling on Unequal Leg Outer Frame

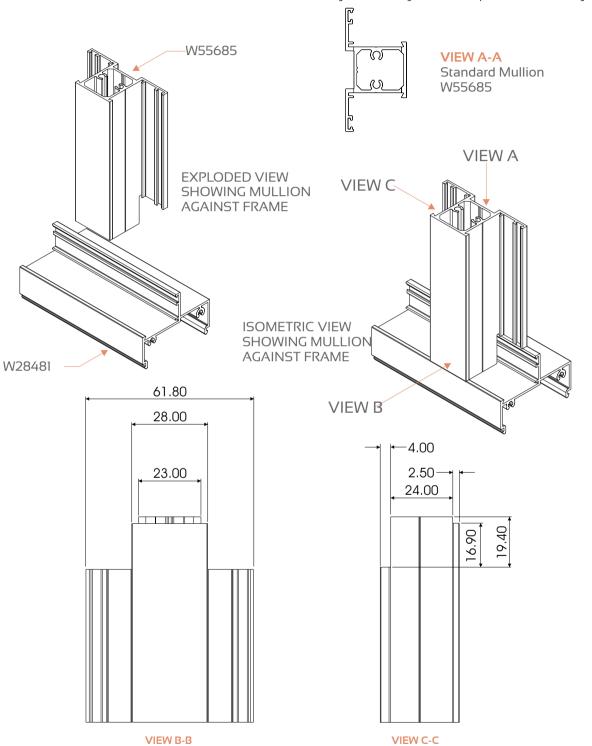
Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





Standard Machining Detail for End Milling on 54mm Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





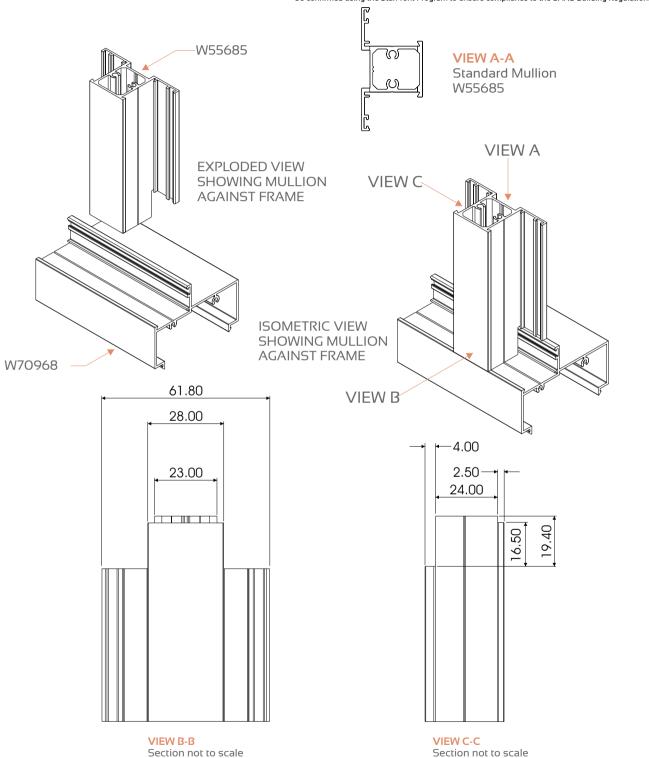
Section not to scale

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

Section not to scale

Standard Machining Detail for End Milling on 70mm Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.

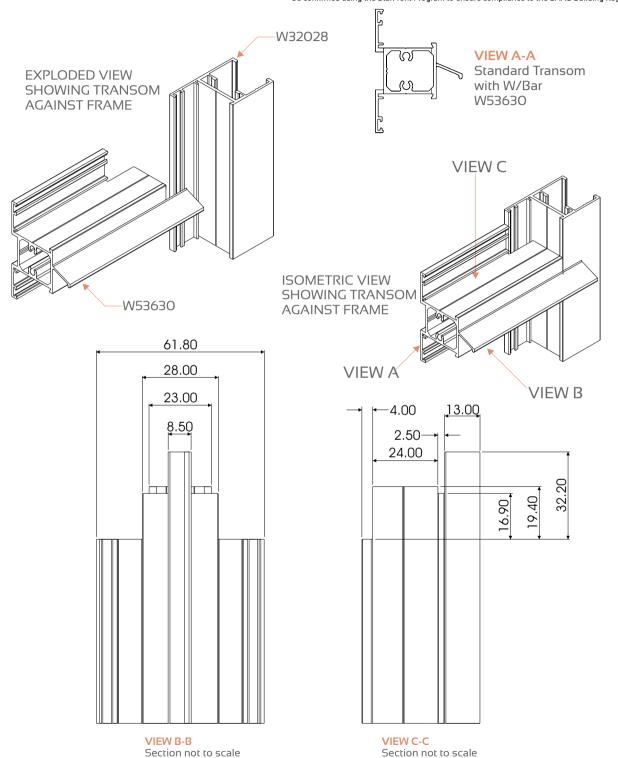




Typical Transom with W/Bar Machining Detail

for End Milling on Equal Leg Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.

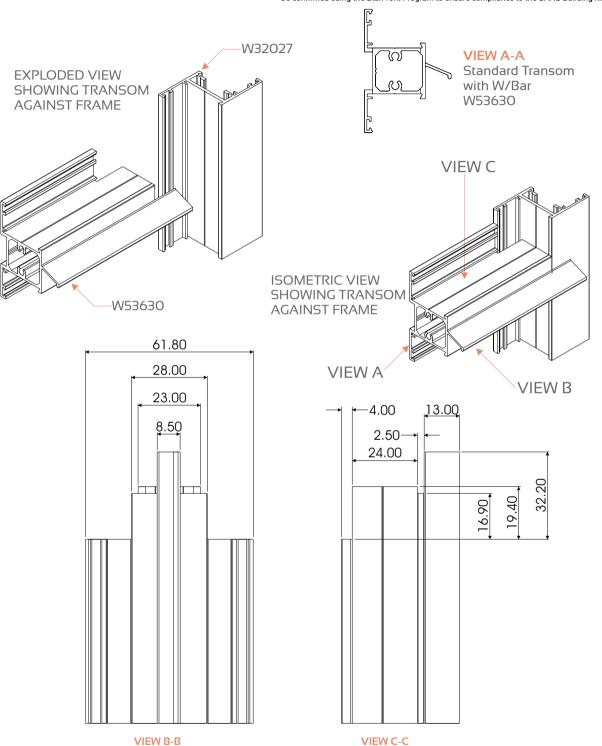




Typical Transom with W/Bar Machining Detail

for End Milling on Unequal Leg Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





Section not to scale

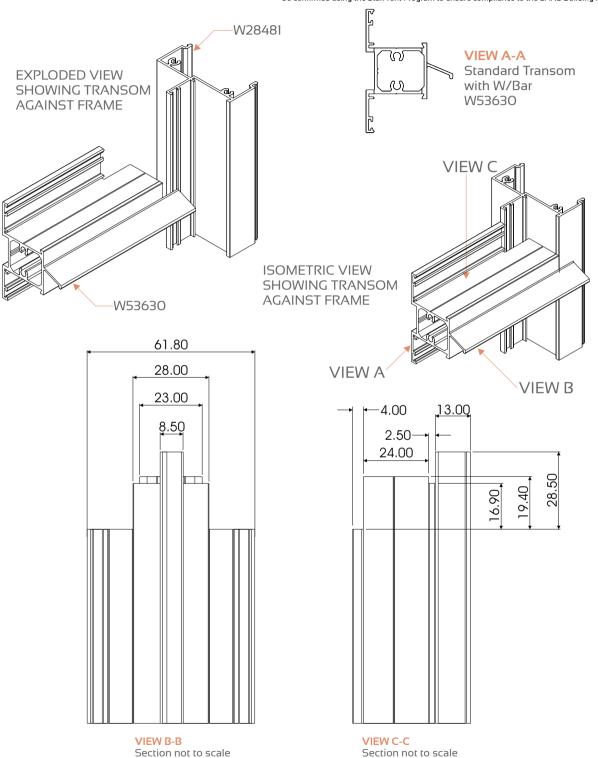
This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

Section not to scale

Typical Transom with W/Bar Machining Detail

for End Milling on 54mm Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.

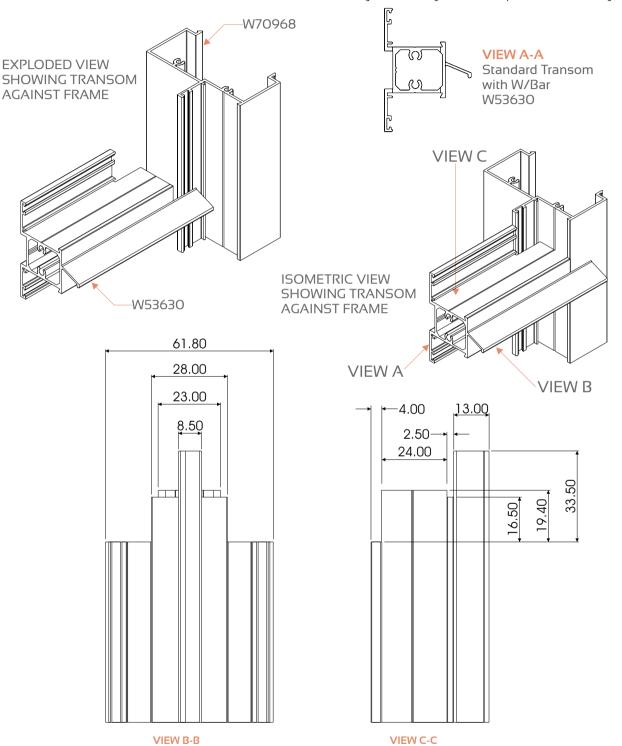




Typical Transom with W/Bar Machining Detail

for End Milling on 70mm Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





Section not to scale

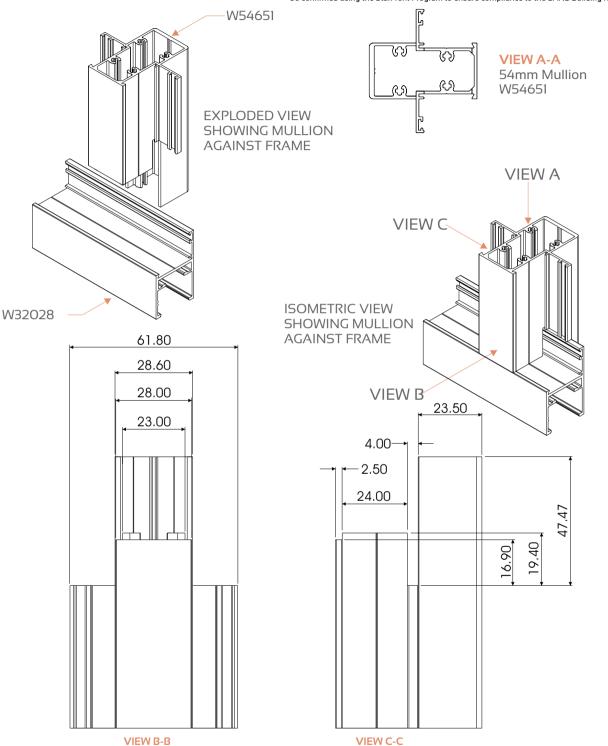
This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

Section not to scale

Typical 54mm Mullion Machining Detail

for End Milling on Equal Leg Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.



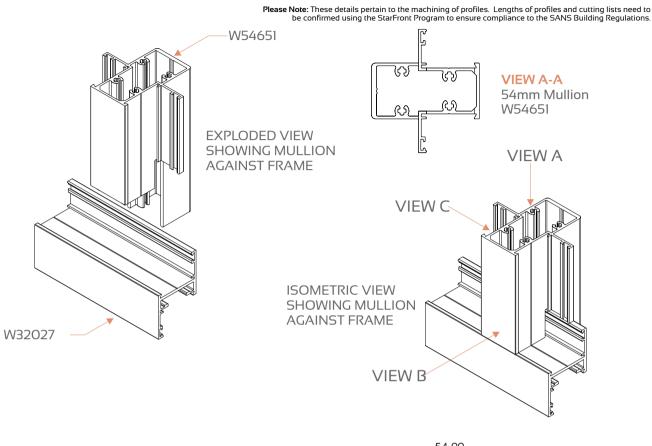


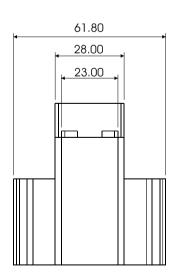
Section not to scale

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

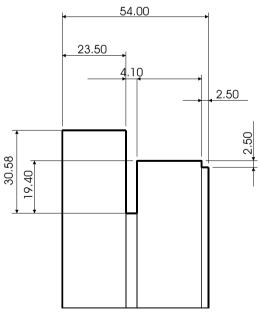
Section not to scale

for End Milling on Unequal Leg Outer Frame





VIEW B-B Section not to scale

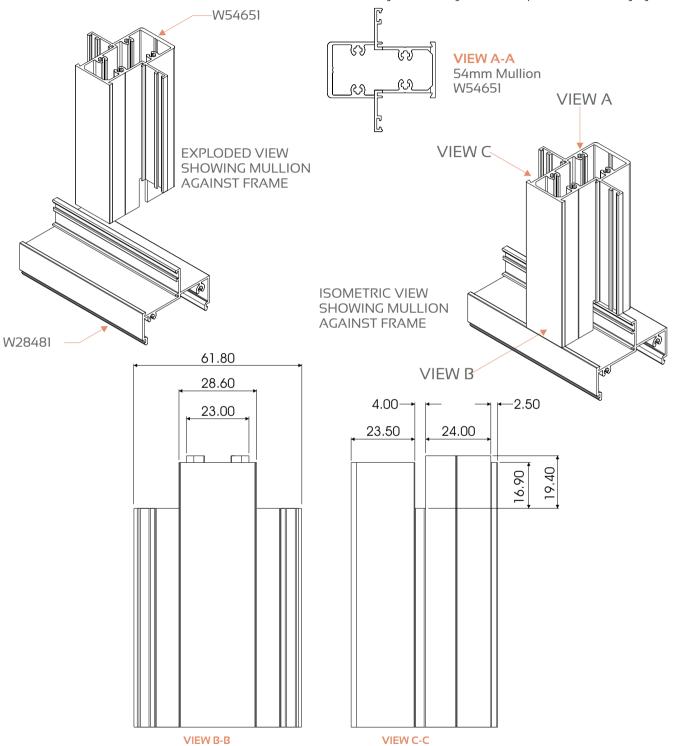


VIEW C-C Section not to scale



for End Milling on 54mm Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





Section not to scale

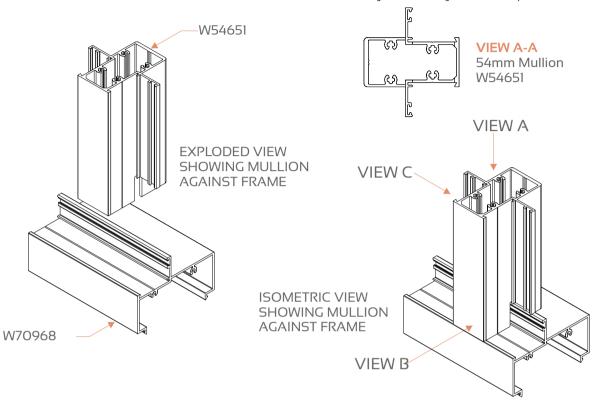
This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

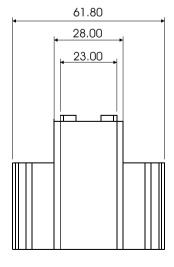
Section not to scale

Typical 54mm Mullion Machining Detail

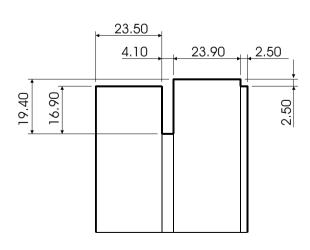
for End Milling on 70mm Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.







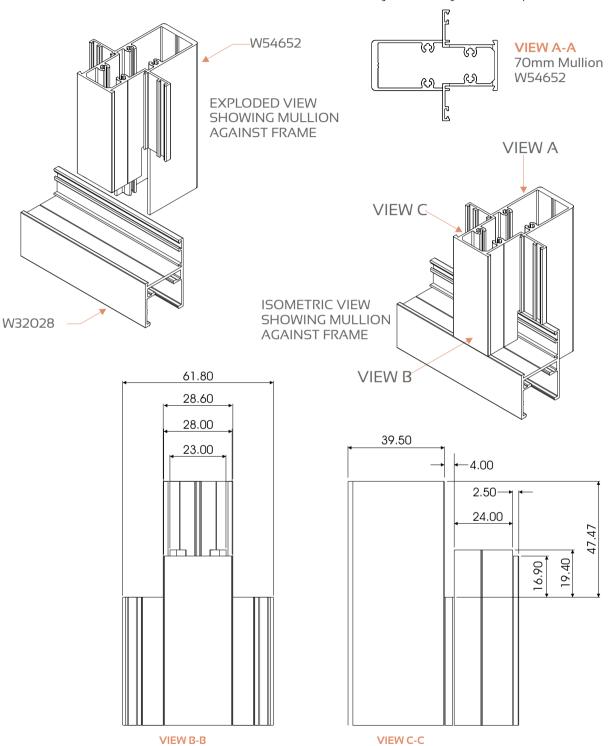


VIEW C-C Section not to scale



for End Milling on Equal Leg Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





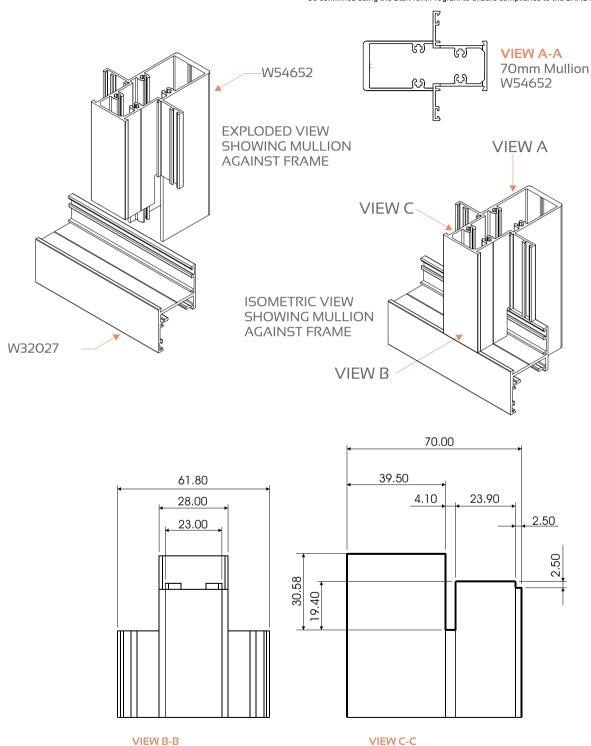
Section not to scale

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

Section not to scale

for End Milling on Unequal Leg Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





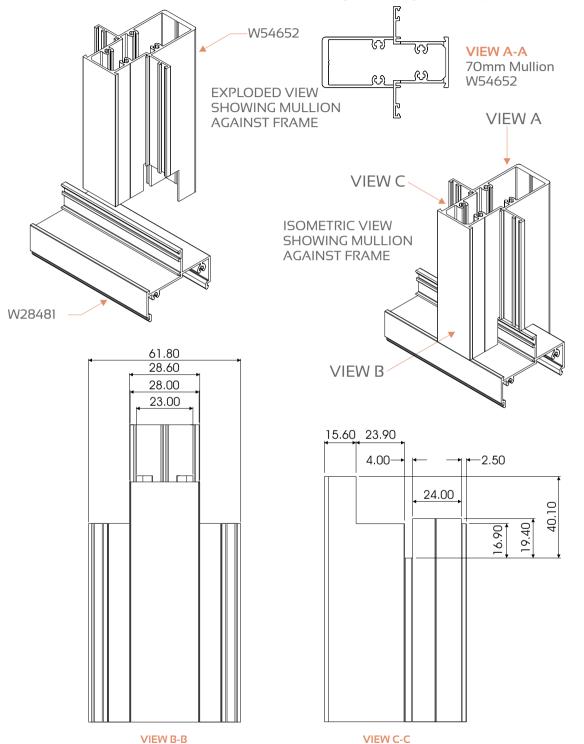
Section not to scale

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

Section not to scale

for End Milling on 54mm Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





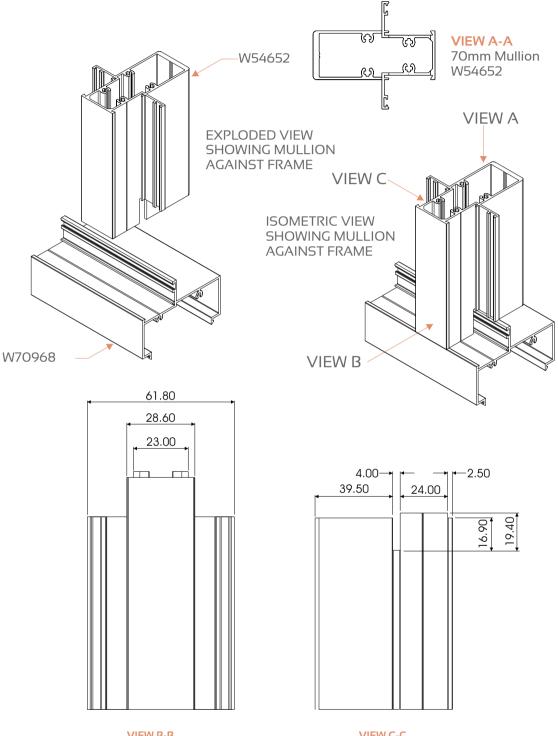
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This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

Section not to scale

for End Milling on 70mm Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





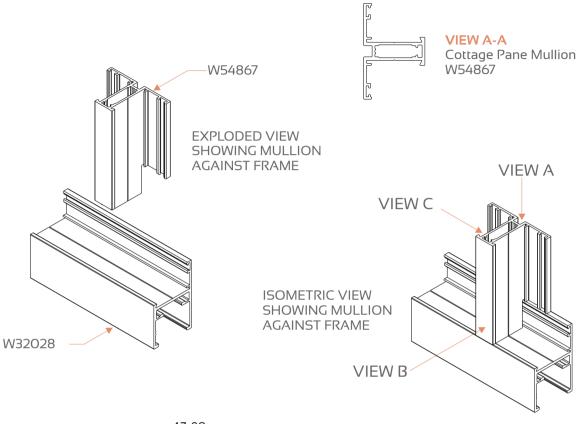


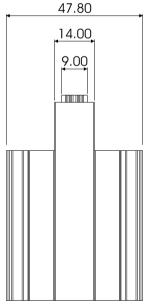


Typical Cottage Pane Mullion Machining Detail

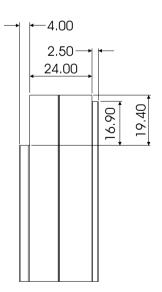
for End Milling on Equal Leg Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.









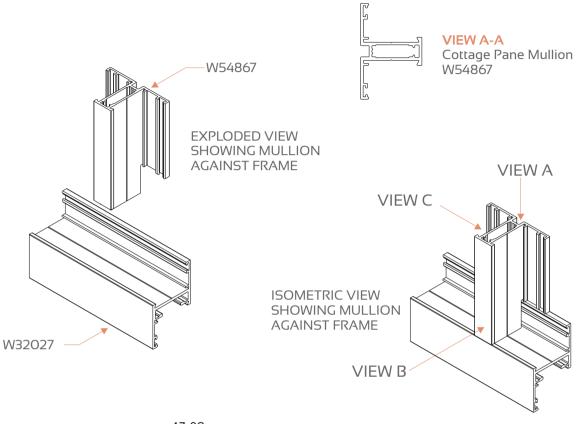
VIEW C-C Section not to scale

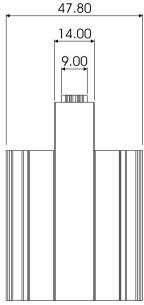


Typical Cottage Pane Mullion Machining Detail

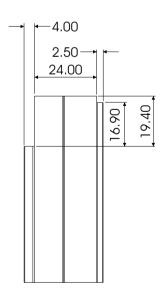
for End Milling on Unequal Leg Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





VIEW B-B Section not to scale



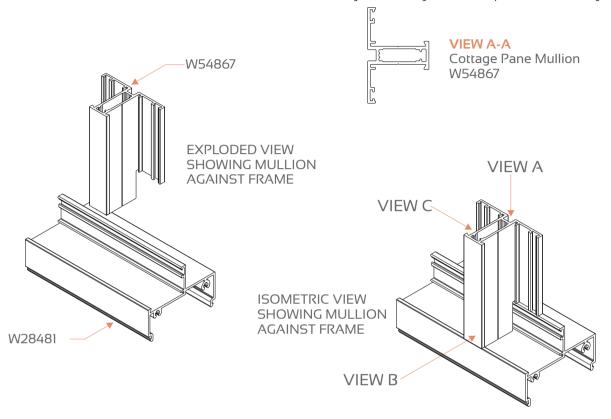
VIEW C-C Section not to scale

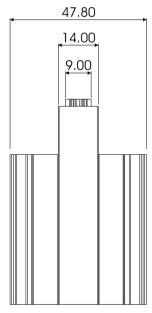


Typical Cottage Pane Mullion Machining Detail

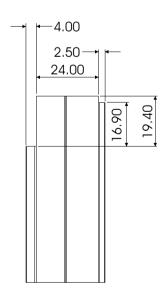
for End Milling on 54mm Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





VIEW B-B Section not to scale



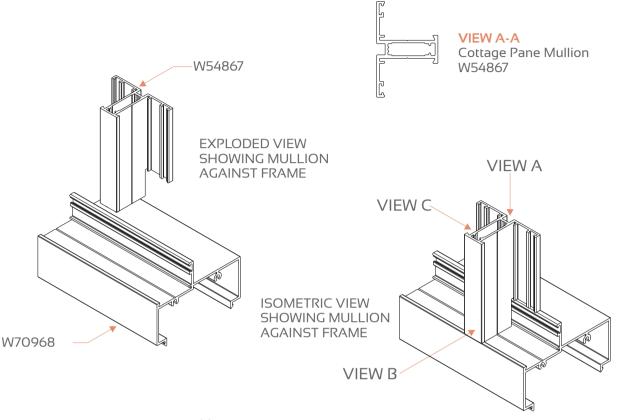
VIEW C-C Section not to scale

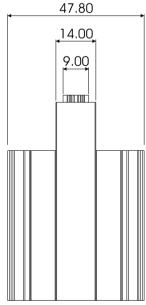


Typical Cottage Pane Mullion Machining Detail

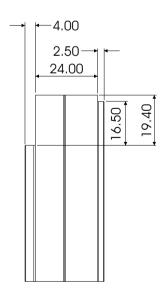
for End Milling on 70mm Outer Frame

Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





VIEW B-B Section not to scale

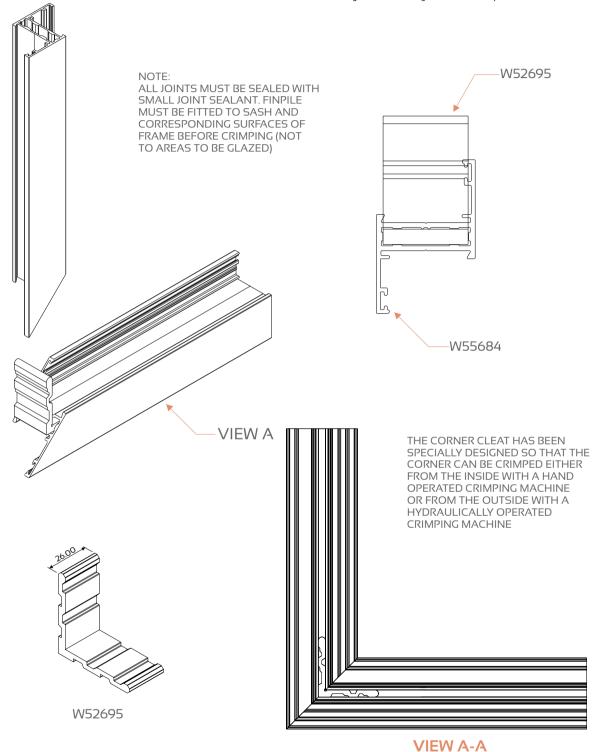


VIEW C-C Section not to scale



Typical Corner Cleat Assembly Detail

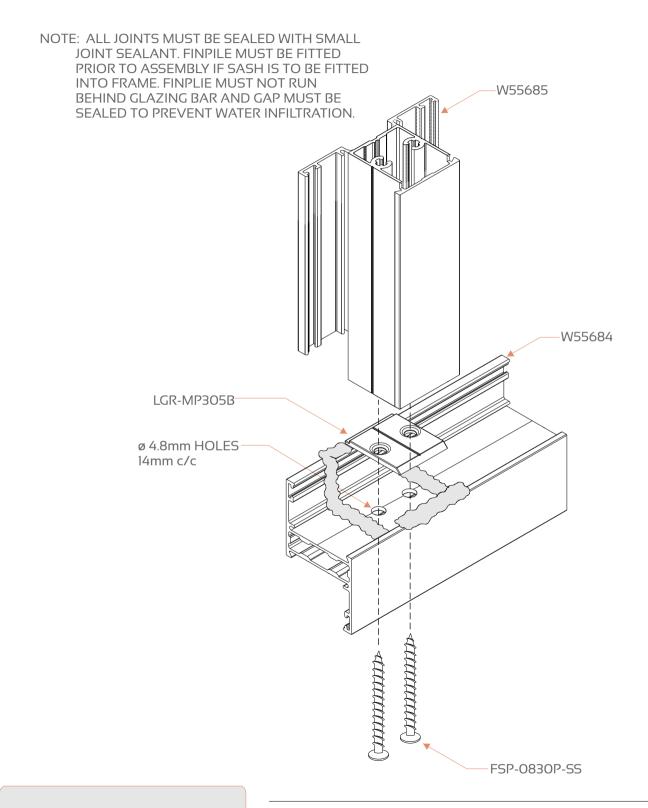
Please Note: These details pertain to the machining of profiles. Lengths of profiles and cutting lists need to be confirmed using the StarFront Program to ensure compliance to the SANS Building Regulations.





Typical Mullion Packer Frame Joint

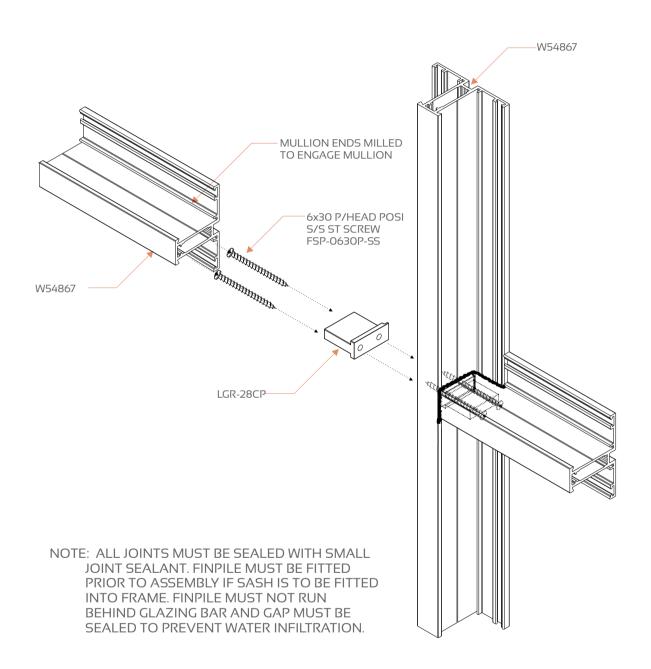
Assembly Detail





Typical Cross Joint Assembly Detail

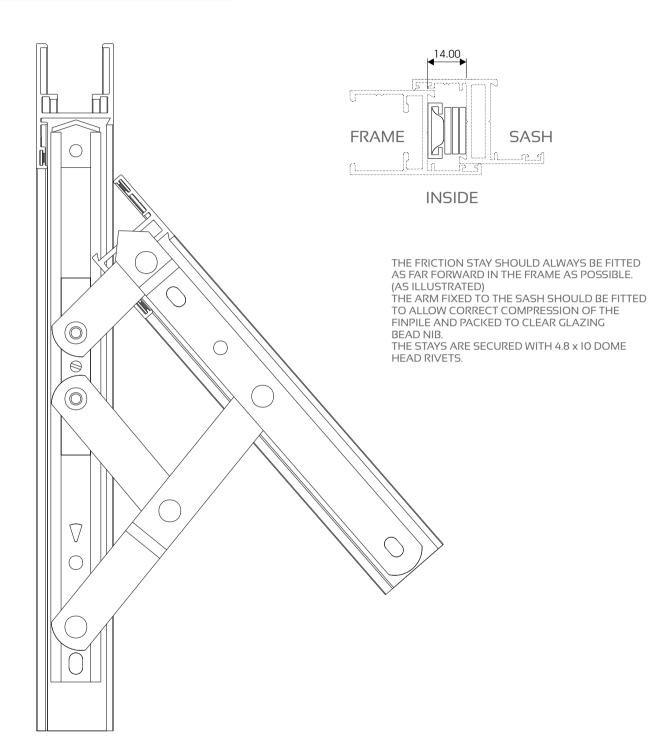
Cottage Pane Mullion





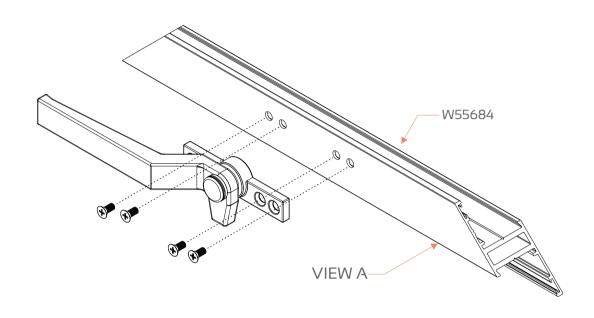
SWIFTTM 30.5 WINDOW (30.5 mm) PRODUCT MANUAL

Typical Friction Stay Assembly Detail

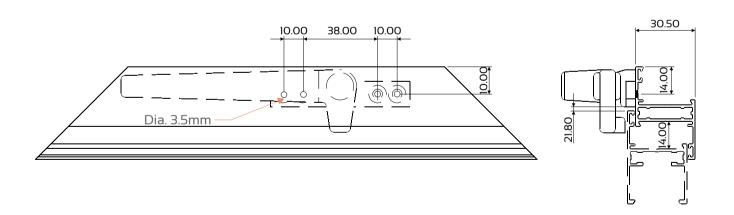




Typical Handle Assembly Detail



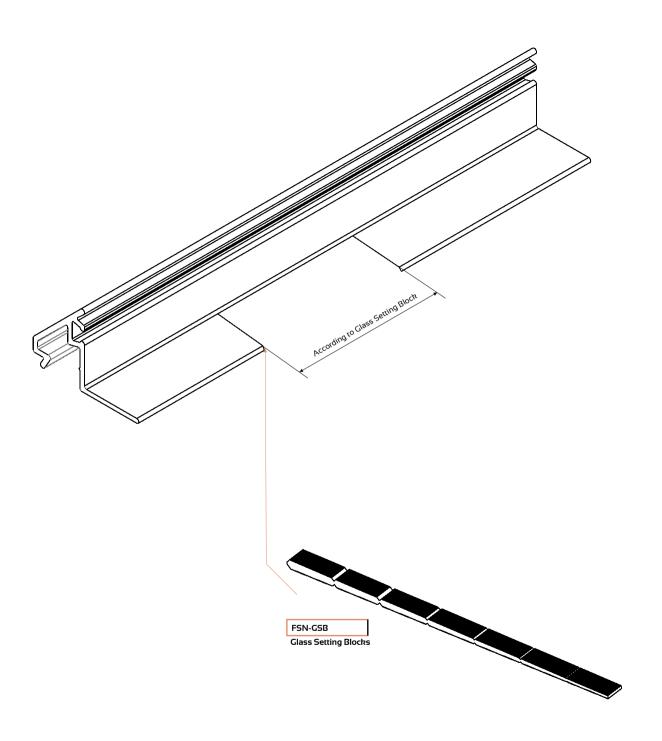
NO 8 x 10 COUNTERSUNK SELF-TAPPING FLAT END SCREWS





Typical Bead Cut-Out for Setting Block

Bead must be notched out at position of all glass setting blocks according to the length of the glass setting block used.





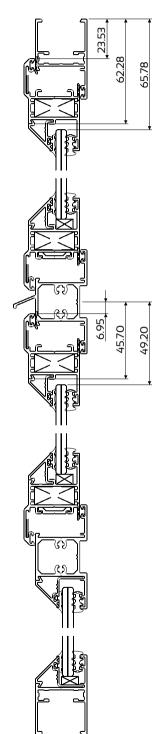
SWIFTTM 30.5 WINDOW (30.5 mm)

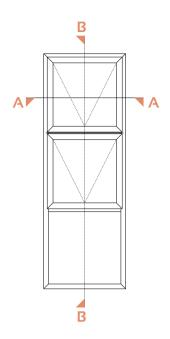
PRODUCT MANUAL

Typical Cross-sectional Details

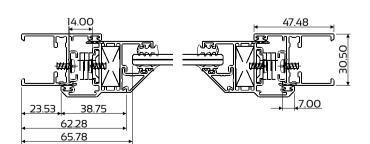
Double Top Hung over Fixed







SECTION A - A
Section not to scale

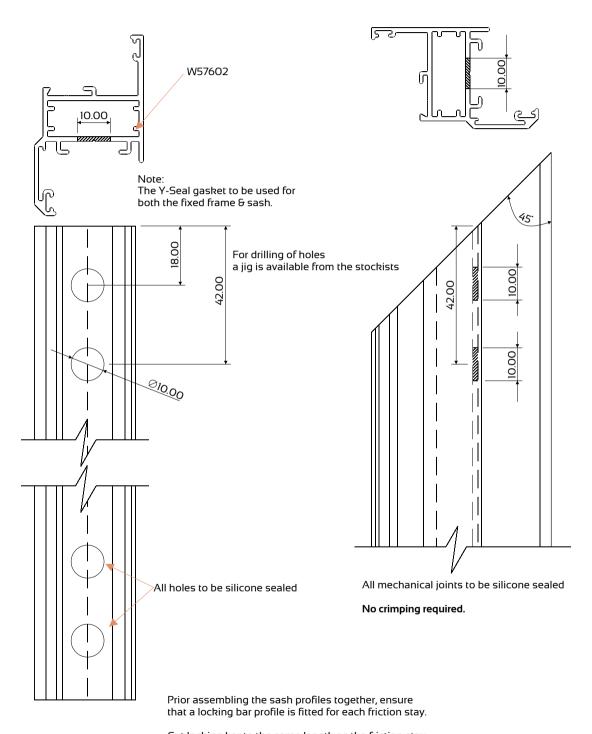


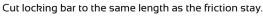


Typical Multi Lock Sash Corner Joint Detail

Option A - Using the Joining Corner

OPTION A - USING THE JOINING CORNER



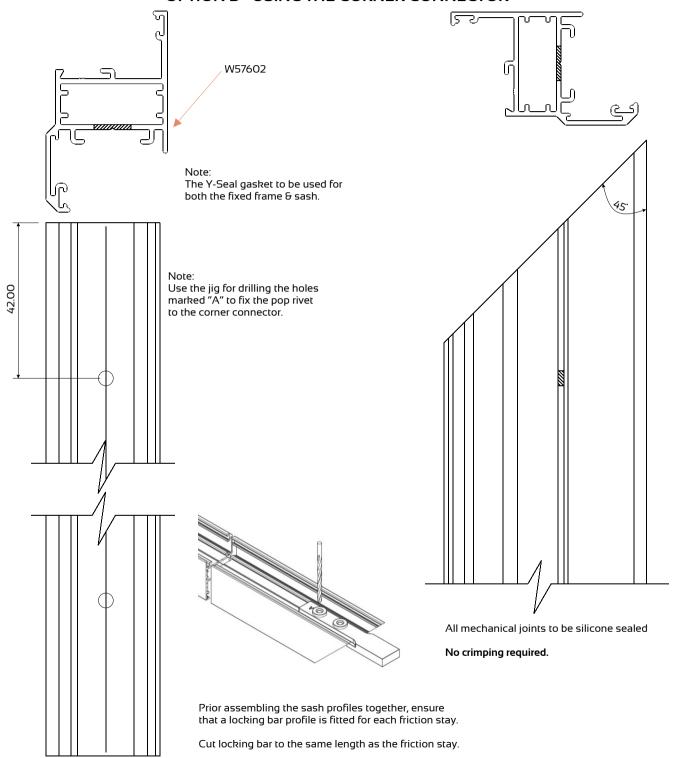




Typical Multi Lock Sash Corner Joint Detail

Option B - Using the Corner Connector

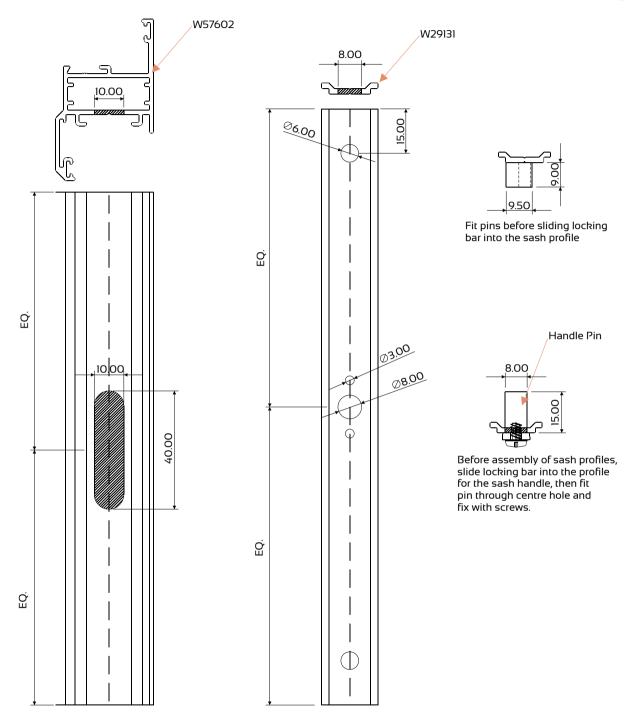
OPTION B - USING THE CORNER CONNECTOR





Typical Multi Lock Sash Machining Detail

Sash & Locking Bar



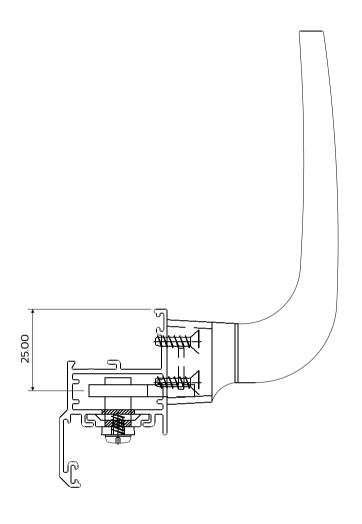
Note

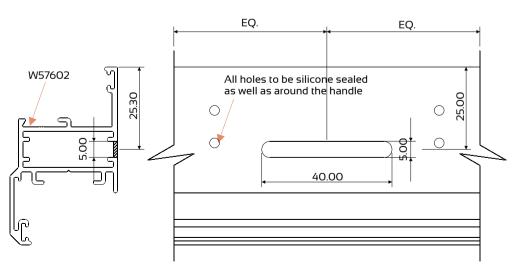
Before assembly of the sash frame, the locking bar needs to be inserted into the bottom sash profile with the locking pins fitted θ holes drilled to receive the handle pin.



Typical Multi Lock Sash Machining Detail

Handle

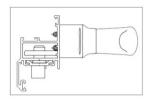


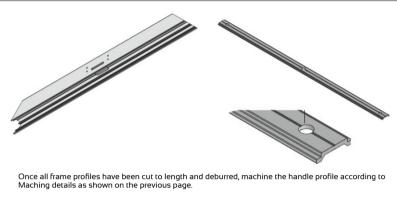


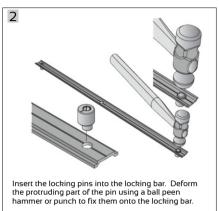


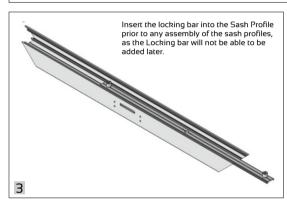
Typical Fitting of Multi Lock Sash Handles



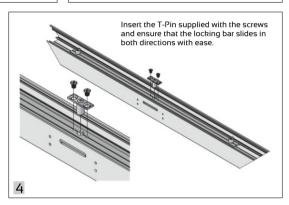




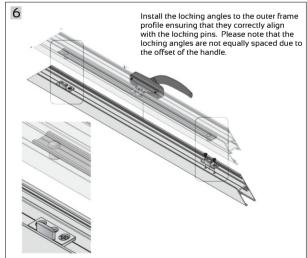




Cut the locking bar as per StarFront & machine as shown in diagram 2.





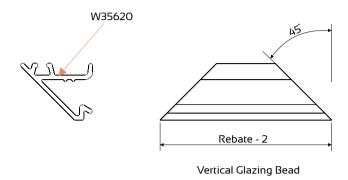


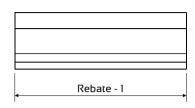




Typical Multi Lock Sash Cutting Detail

for Bead





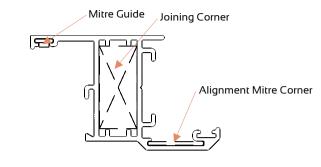
Horizontal Glazing Bead



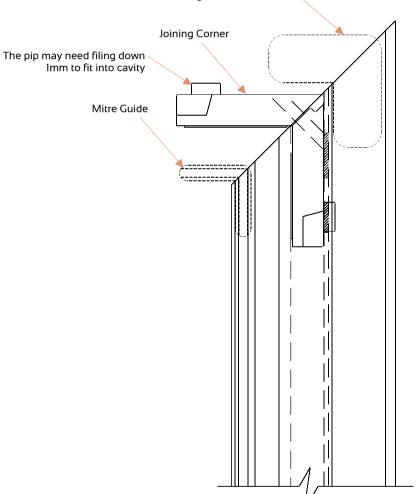
Typical Multi Lock Sash Assembly Detail

Corner Joint

OPTION A - USING THE JOINING CORNER



Alignment Mitre Corner



All mechanical joints to be Crealco silicone sealed

Note: Remember to fit the locking bars for friction stays before assembly of sash frame.

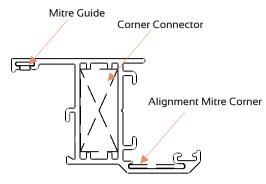
No crimping required.

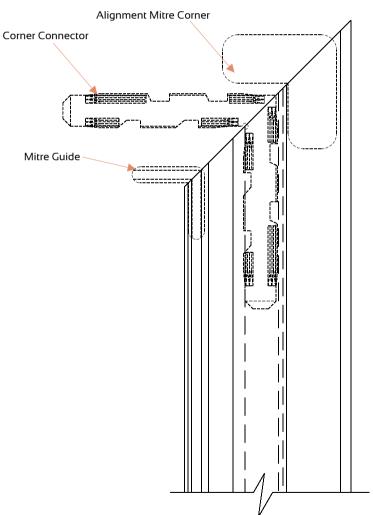


Typical Multi Lock Sash Assembly Detail

Corner Connector

OPTION B - USING CORNER CONNECTOR



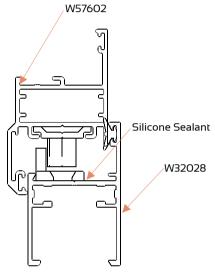


All mechanical joints to be Crealco silicone sealed Note: Remember to fit the locking bars for friction stays before assembly of sash frame.

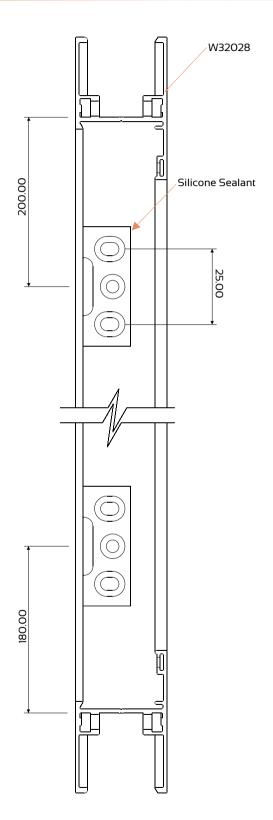
No crimping required.



Typical Multi Lock Sash Locking Angle Detail



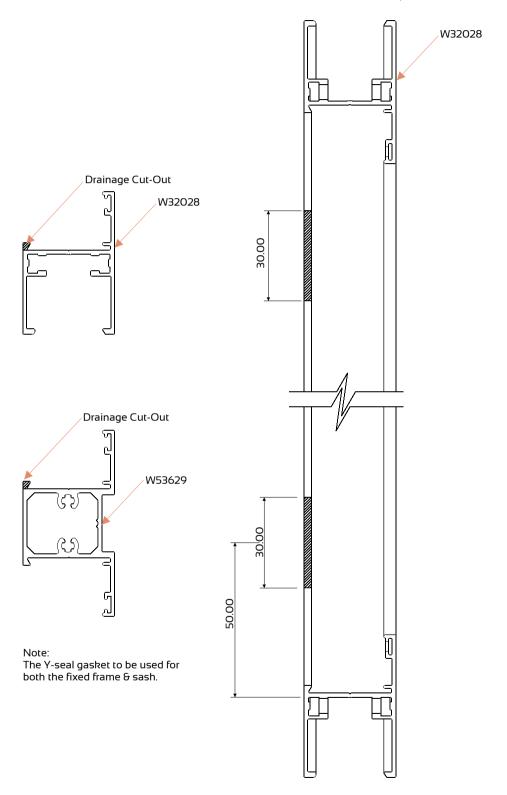
Note: No Y-seal gasket to be fitted for the bottom sash profile unless the building is over 5 stories high. Ensure the Y-seal gasket sits between the drainage cut-out.





Typical Multi Lock Sash Outer Frame Drainage Detail

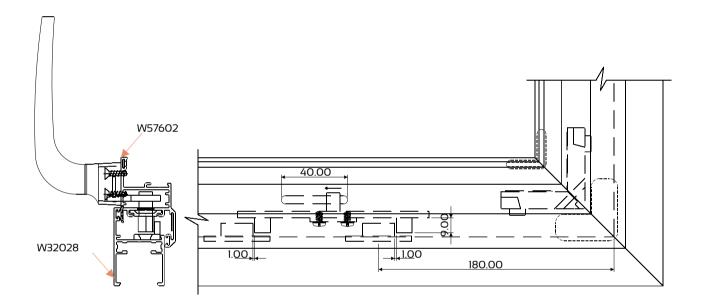
Detail for Severe Weather Conditions





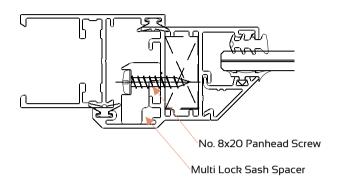
SWIFTTM 30.5 WINDOW (30.5 mm) PRODUCT MANUAL

Typical Position of Locking Bar



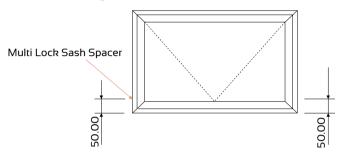


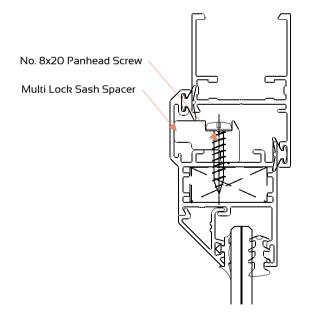
Typical Fitting of Multi Lock Sash Spacer



Note:

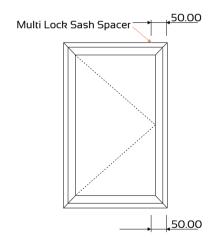
To assist the top hung sash in opening θ closing squarely, a multi lock sash spacer needs to be fitted as shown on each side of the sash 50mm from the bottom edge.





Note

To assist the top hung sash in opening θ closing squarely, a multi lock sash spacer needs to be fitted as shown on each side of the sash 50mm from the bottom edge.



Note:

For optimal performance against air θ water infiltration, it is important to position friction stays as shown so that the sash fits almost right against the frame.



Typical Glazing Procedure

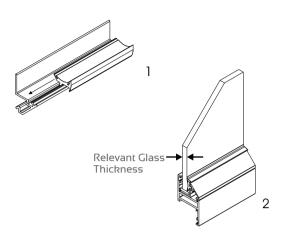
Note:

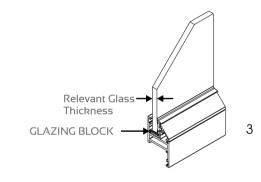
Insert the pull-in vinyl gasket into the glazing bead by sliding or pressing it into the groove (1). Before cutting the gasket, ensure that it has not been stretched & cut 6mm longer so that the corners are in compression at all times.

Position the bottom glazing bead in the glazing bead rebate of the relevant profile (2).

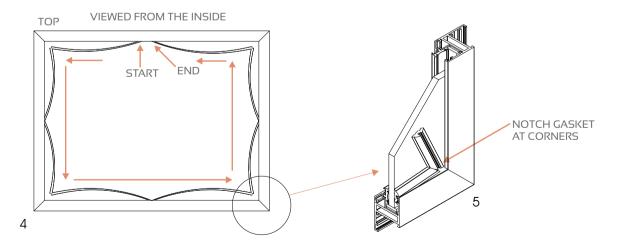
Insert the top then the side glazing beads ensuring that they are correctly positioned into place.

Starting from the top centre, insert the wedge gasket (4) without stretching it. Stop 150mm from the corner 8 partly cut the wedge gasket 6mm longer than the vertical bead. Insert the gasket into the corner 8 then roll in remaining 150mm (5). Repeat this on the other sides. Where the gasket end meets, cut the gasket 6mm longer, then insert.





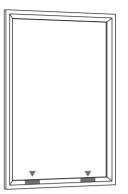
ENSURE GASKETS ARE NOT STRETCHED AT ANY STAGE





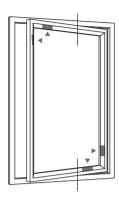
Typical Glazing Procedure

FIXED

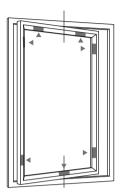


Fixed Light

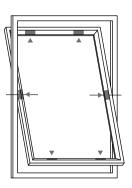
PIVOTING



Vertical Pivot (hung off-centre)

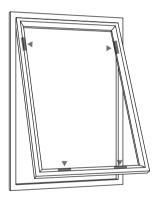


Vertical Pivot (hung centrally)

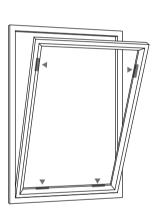


Horizontal Pivot and reversible

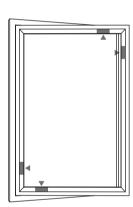
CASEMENT



Top Hung

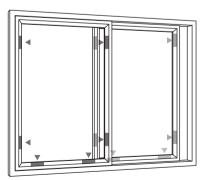


Bottom Hung

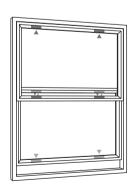


Side Hung

SLIDING



Horizontally sliding 6 setting blocks per pane



Vertically sliding 6 setting blocks per pane

GLAZING

1. Selection of glazing methods.

1.1 Glass Setting Blocks

Glass to metal contact must be avoided at all times by using approved Crealco setting blocks which have a shore hardness of 50 to 90 shore hardness.

Use only setting blocks made of Neoprene, EPDM, Silicone or other elastomeric materials.

Setting blocks are to have a minimum thickness of 3mm & must be at least 27mm in length per square meter of glass area.

