

ASDA
Aluminium Stockists and
Distributors Association

Vistafold™ SANS 613
2000 Pa **A2**

VISTAFOLD™
SLIDING FOLDING DOOR

VISTAFOLD is a trade mark of Hillal Idam Coburn Systems (Pty) Ltd

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 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 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 (www.crealco.co.za).*

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. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

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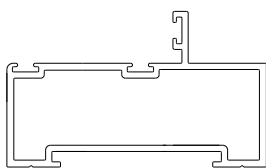
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VISTAFOLD™ SLIDING FOLDING DOOR

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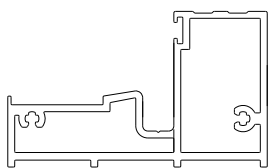
Profile Identification

Vistafold Profiles



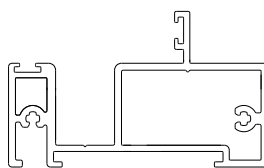
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Vistafold Jamb



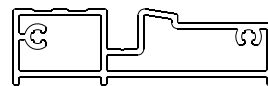
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Vistafold Sill



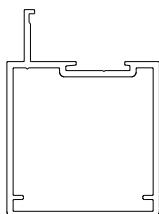
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Vistafold Head



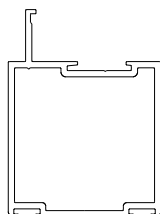
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Vistafold Multi Sill



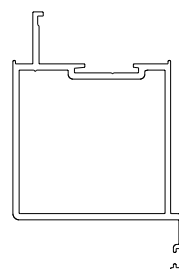
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Clip 44 Stile 45mm RI SD



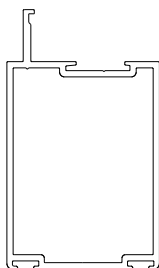
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Clip 44 Stile 45mm W/Pile R3SP SD



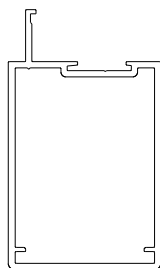
DIE No. W44099

Clip 44 Stile 45mm Lip R12SP SD



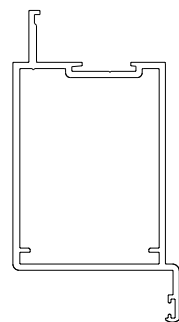
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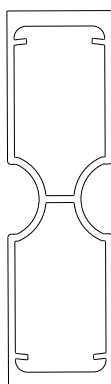
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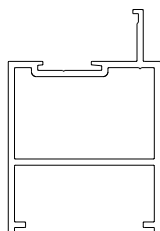
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Clip 44 Stile 60mm LP R11SP SD



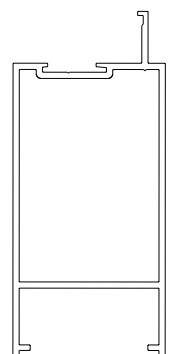
DIE No. W55563

Vistafold Mullion 108mm



DIE No. W44087

Clip 44 Head/Sill Rail 50mm R7



DIE No. W44088

Clip 44 Head/Sill Rail 85mm R4 SD

Profile Identification

Vistafold Profiles



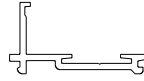
DIE No. W14108

Clip 44 Bead
Bevel



DIE No. W30468

Clip 44 Bead Angle
19mm Gap



DIE No. W26151

Clip 44 Adaptor
Glazing Sill Rail



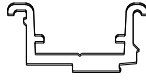
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Clip 44 Square
Bead



DIE No. W27882

Clip 44 Double
Glazing Bead



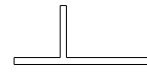
DIE No. W33921

Spigot Head
Sill Midrail



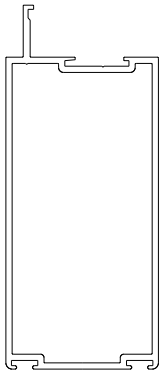
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Palace Multi
Track



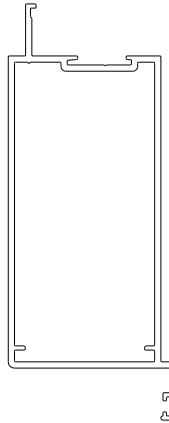
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Adaptor Filler
R4 Sill



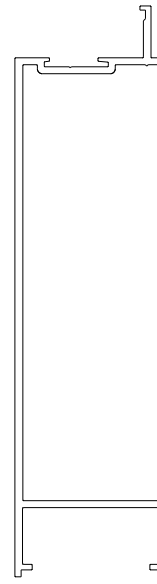
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Clip 44 Stile 90mm
W/Pile R9W SD



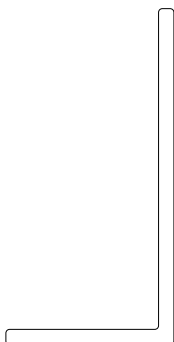
DIE No. W54720

Clip 44 Stile 90mm
Lip R9SP SD



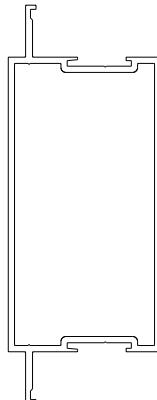
DIE No. W44094

Clip 44 Head/
Sill Rail 150mm R6



DIE No. W01405

Unequal Angle
44.50x22x2



DIE No. W44089

Clip 44 Midrail
85mm R4 SP

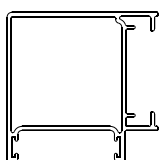


DIE No. W53406

Clip 44 Stile
90mm R9 SD

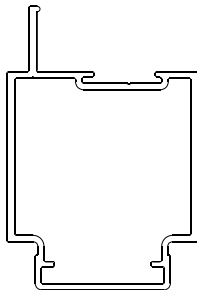
Profile Identification

Vistafold Profiles



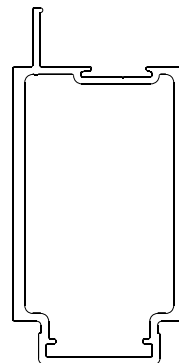
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Palace Multi Corner
Entry Astragal



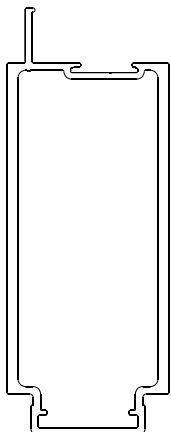
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Palace Multi Stile
Meeting 39mm



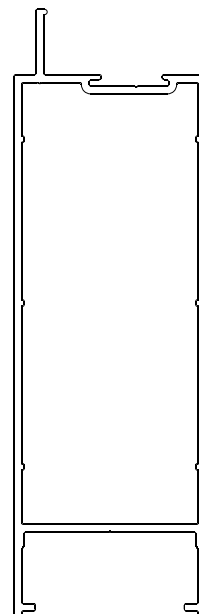
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Palace Multi 65mm
Meeting Stile



DIE No. W54966

Palace Multi Stile
Meeting 90mm



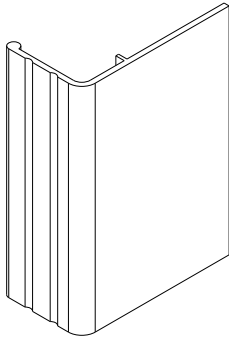
DIE No. W55914

Clip 44 Head/Sill
Rail 125mm

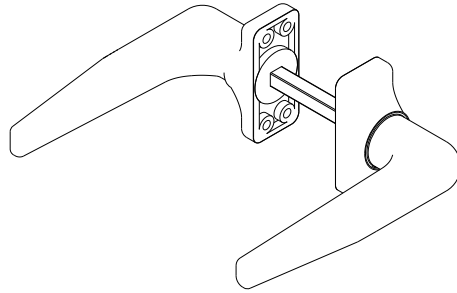
Hardware Components

RECOMMENDED VISTAFOLD DOOR COMPONENTS

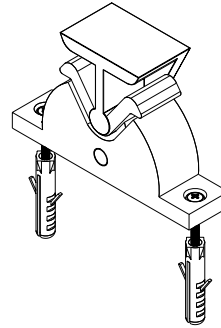
All hardware is available through our Stockists as well as through Crealco Components, and can be viewed on www.crealco-components.com



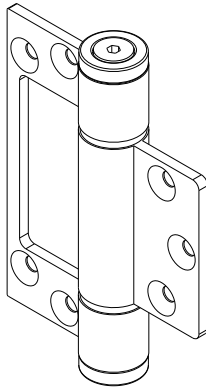
HPL-VF-BLK
Flush Pull Handle



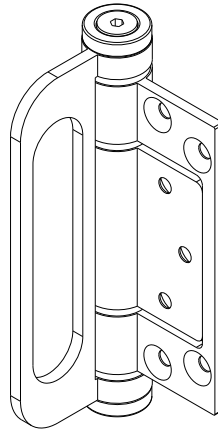
HLO-HSE-GRY
Euro Handle Set
with Aluminium Covers



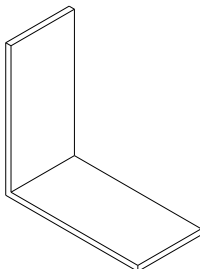
HCC-V-PVC
V-Catch



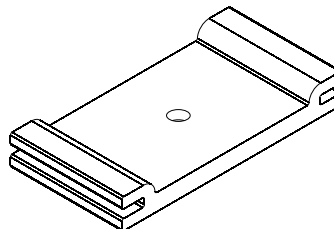
CSF-VH-NAT
Vista Intermediate
Hinge



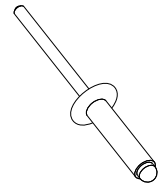
CSF-VHH-NAT
Vista Intermediate
Handle Hinge



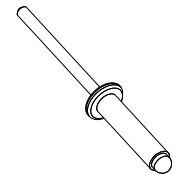
LGS-AFS-25
44,45X22,22X2,03



W36880
Clip 44 Lock Fixing
Plate



FRC-410
4x10 Counter Sunk
Rivet



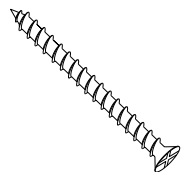
FRC-4812
Pop Rivet
4.8x12mm



FSN-WHG8
FSN-NTG8
FSN-TRG8



FSC-0612P-SS
6x12 Countersunk
POSI 5/S Screws

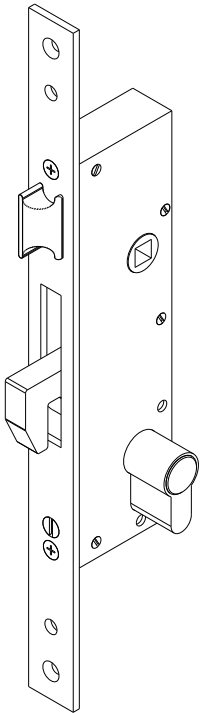


FSC-0840P-SS
Countersunk POSI
8x40 5/S Screw

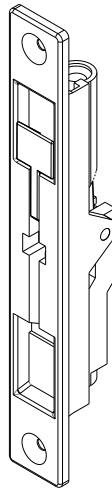
Hardware Components

RECOMMENDED VISTAFOLD DOOR COMPONENTS

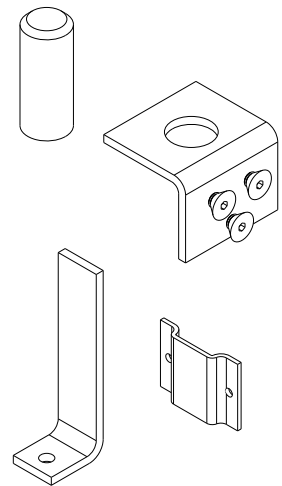
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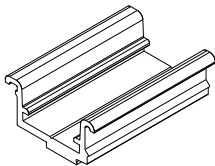
LCH-CL46215-35H
CISA Latch Hook Lock
35mm S/S Faceplate



HFE-DA-BLK
Flush Bolt



HFS-VFBE
Vista Flush Bolt Ends



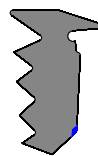
LGS-DS-122.9
LGS-DS-98.3
LGS-DS-58.3
LGS-DS-23.5
Clip44 Door Spigot



GFP-6750
Finpile
6.7x5mm



GFP-6790
Finpile
6.7x9mm



GWG-OIG
GWG-O2B
GWG-O3R
GWG-O4Y
GWG-O5P
Wedge Gasket



GSL-48EPDM
Bubble Seal
5.0mm PVC



GSL-675RB
Bubble Seal
6.7mm PVC

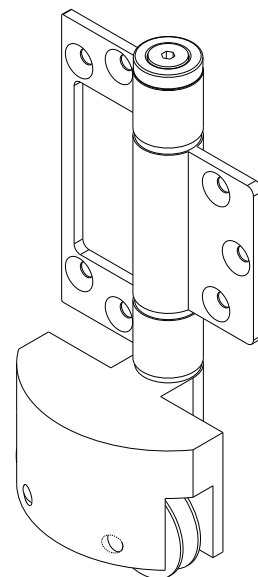
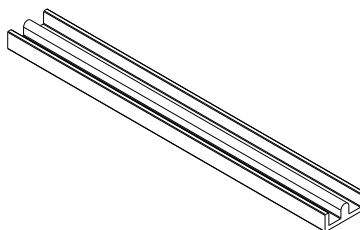
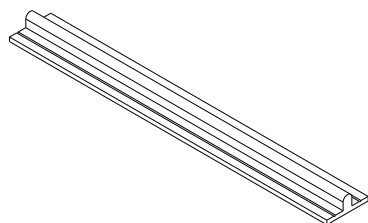
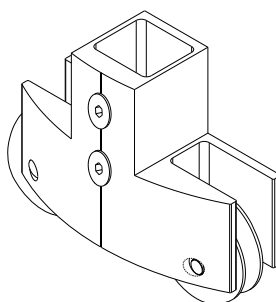
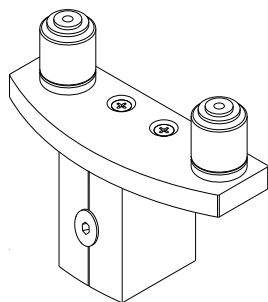
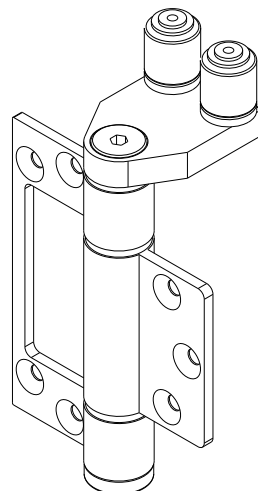
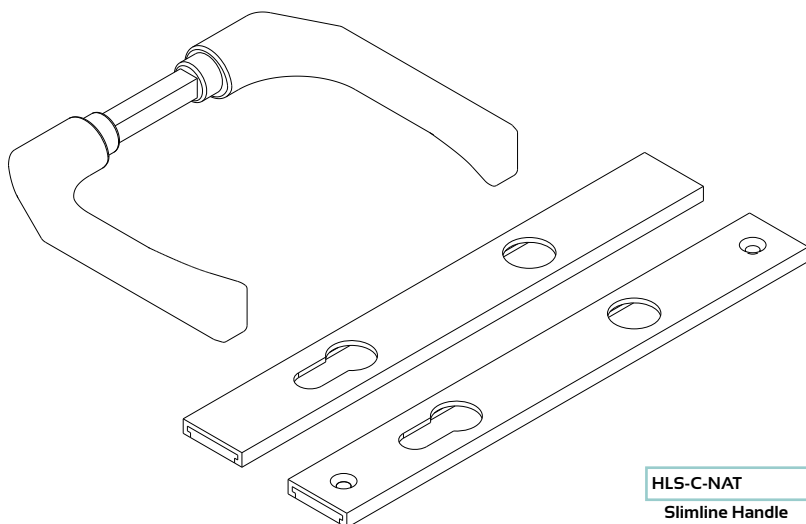


GBF-ORG
Butterfly Gasket

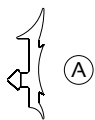
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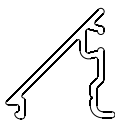


Butterfly Gasket & Wedge Codes



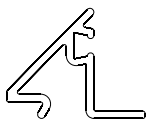
GBF-ORG

Butterfly Orange
H500



W31142

Clip 44 Bead Multi
13mm Gap



W30468

Clip 44 Bead Angle
19mm Gap



B

GWG-01G



C

GWG-02B



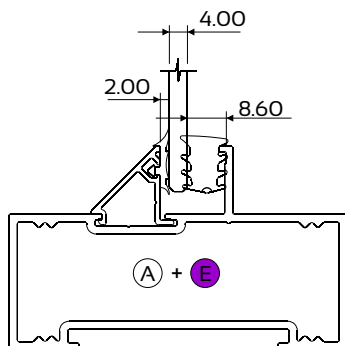
D

GWG-03R



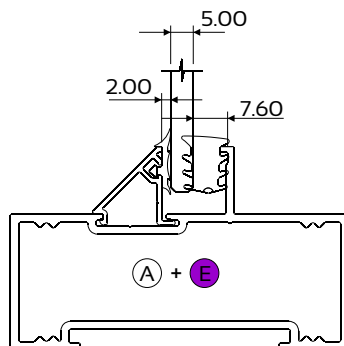
E

GWG-05P



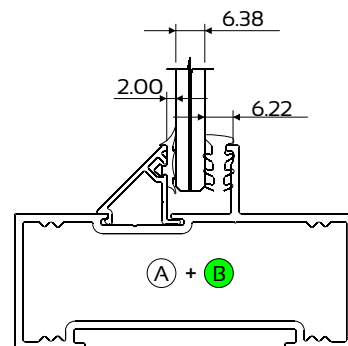
DIE No. W14108

Clip 44
Bead Bevel



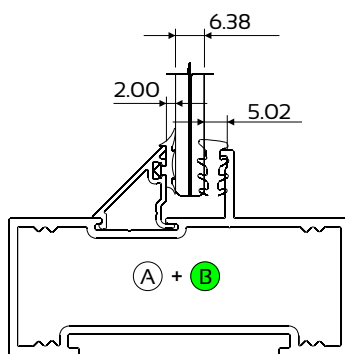
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Clip 44
Bead Bevel



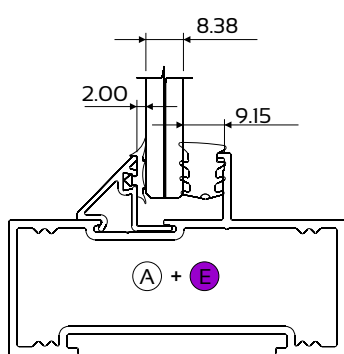
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Clip 44
Bead Bevel



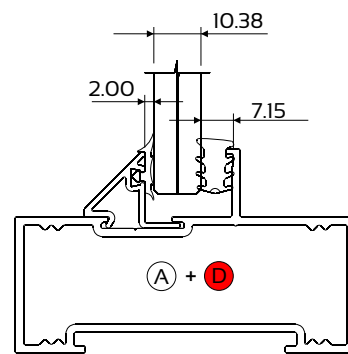
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Clip 44 Bead
Multi 13mm Gap



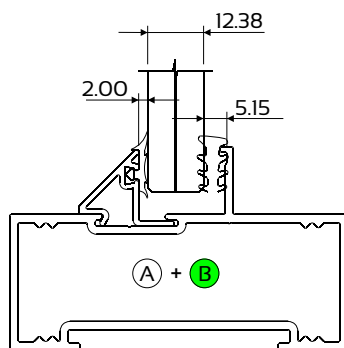
DIE No. W30468

Clip 44 Bead
Angle 19mm Gap



DIE No. W30468

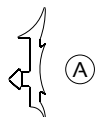
Clip 44 Bead
Angle 19mm Gap



DIE No. W30468

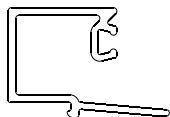
Clip 44 Bead
Angle 19mm Gap

Butterfly Gasket & Wedge Codes



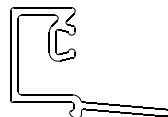
GBF-ORG

Butterfly Orange
H500



W36990

Clip 44 Bead Square
20mm Gap



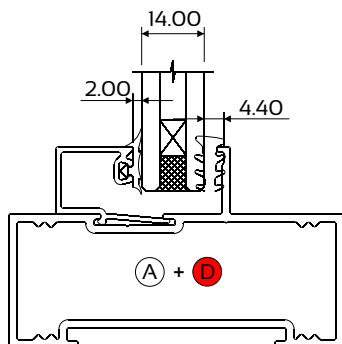
W36989

Clip 44 Bead Square
27mm Gap



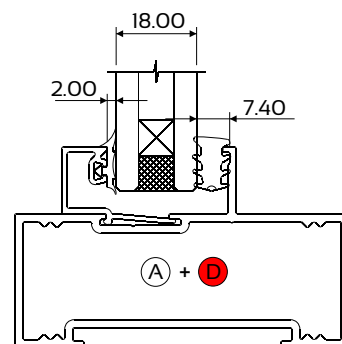
W36988

Clip 44 Bead Square
33mm Gap



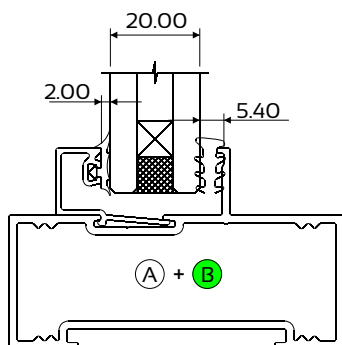
DIE No. W36990

Clip 44 Bead
Square 20mm Gap



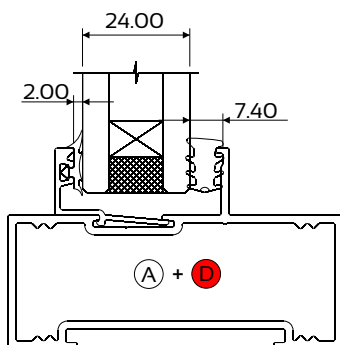
DIE No. W36989

Clip 44 Bead
Square 27mm Gap



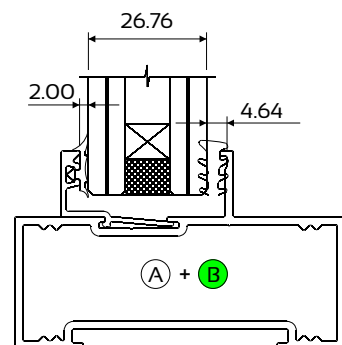
DIE No. W36989

Clip 44 Bead
Square 27mm Gap



DIE No. W36988

Clip 44 Bead
Square 33mm Gap



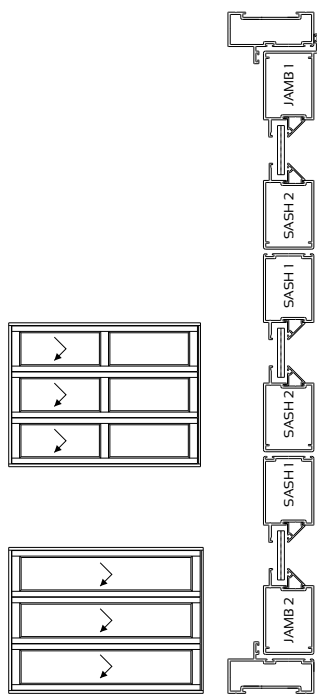
DIE No. W36988

Clip 44 Bead
Square 33mm Gap

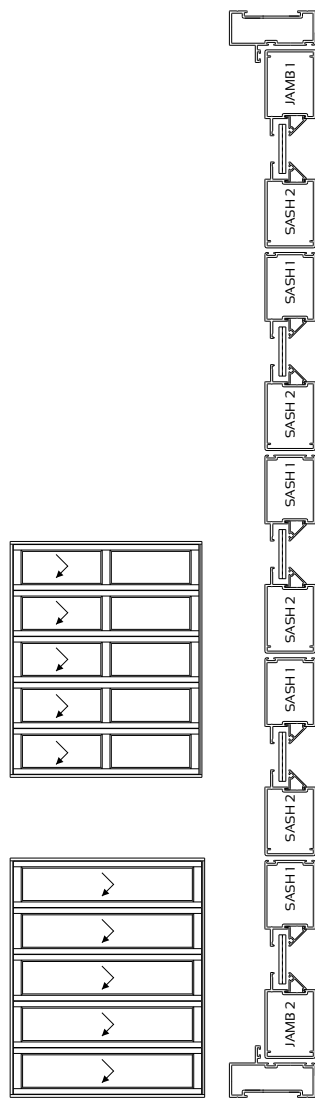
Wedge Gasket Chart

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 03 Red 4mm Glass	6.80mm To 7.50mm
GWG-05P	Wedge 01 Purple 20mm Double Glazing	7.60mm To 8.80mm

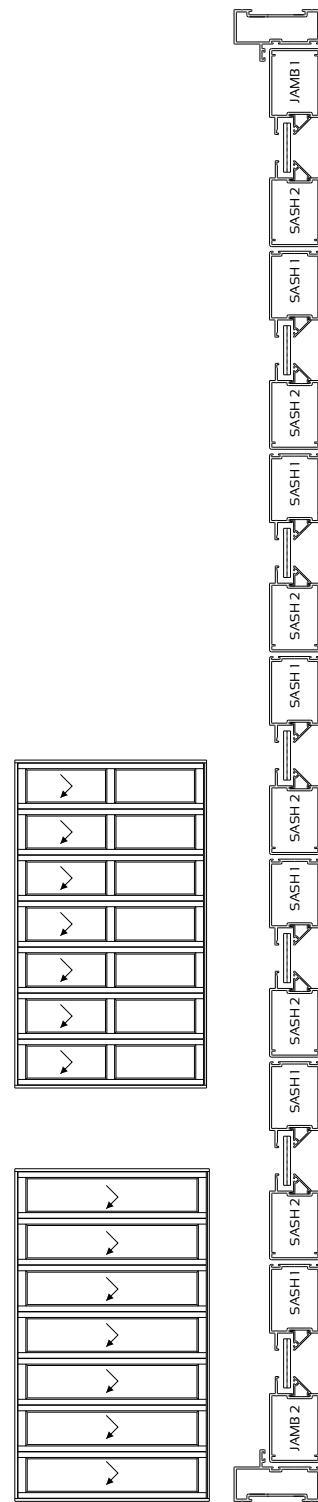
3 PANEL



5 PANEL



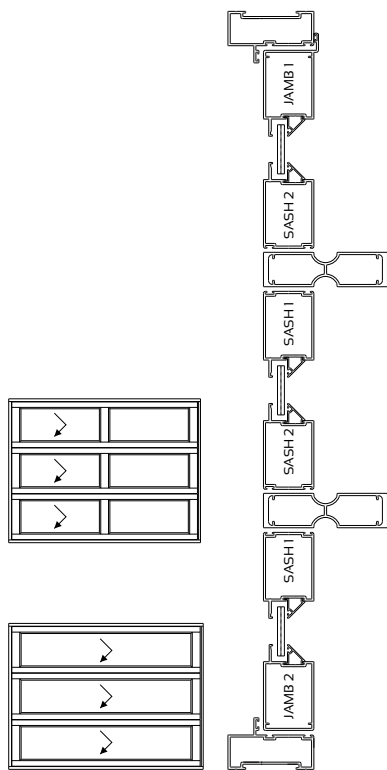
7 PANEL



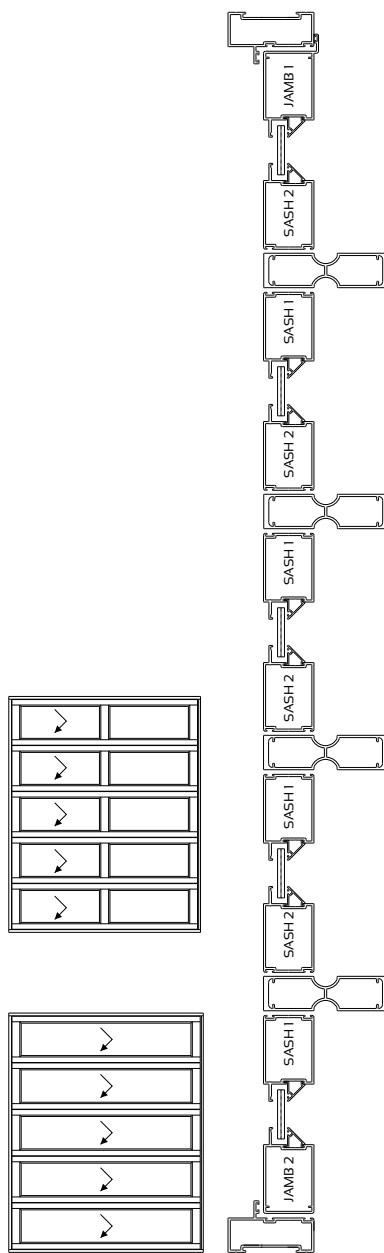
Positioning Of Profiles

With Mullions

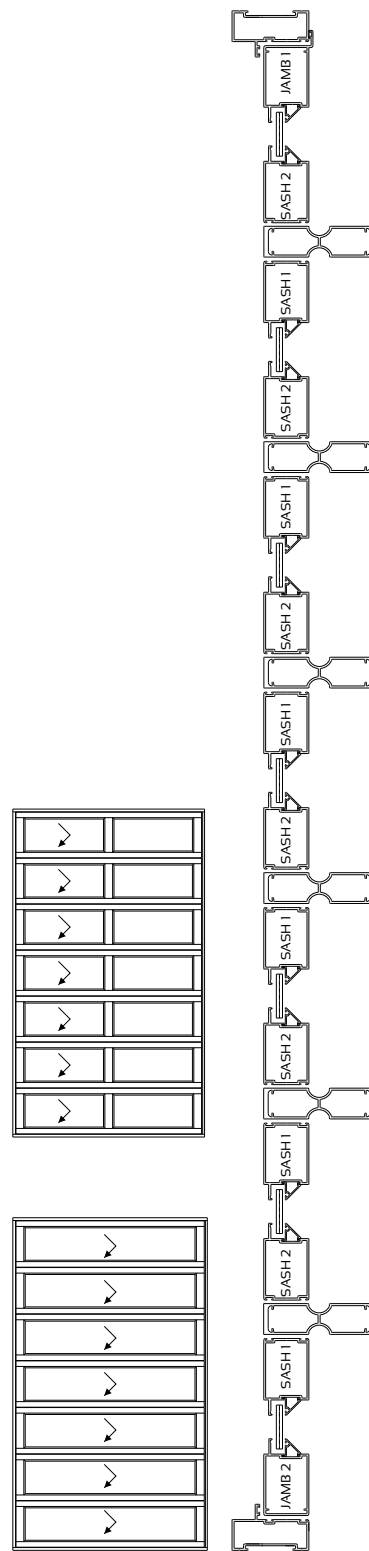
3 PANEL



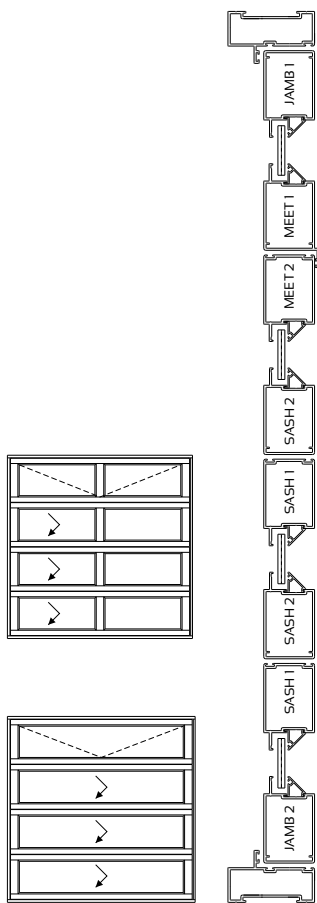
5 PANEL



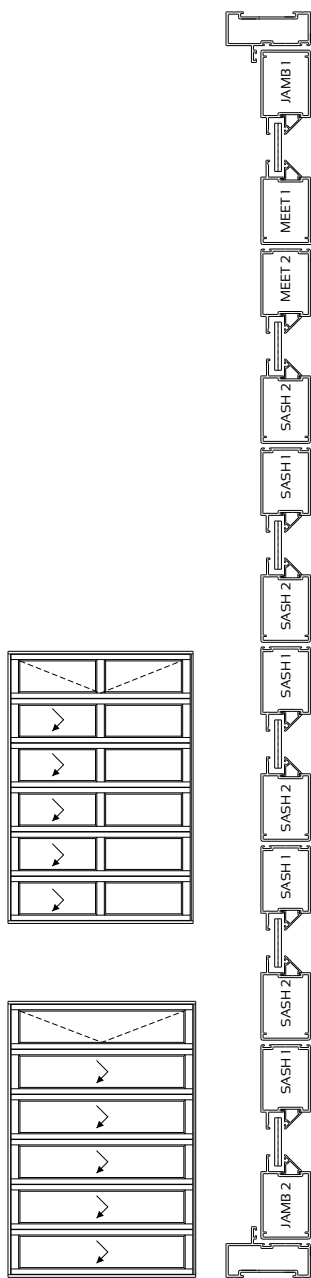
7 PANEL



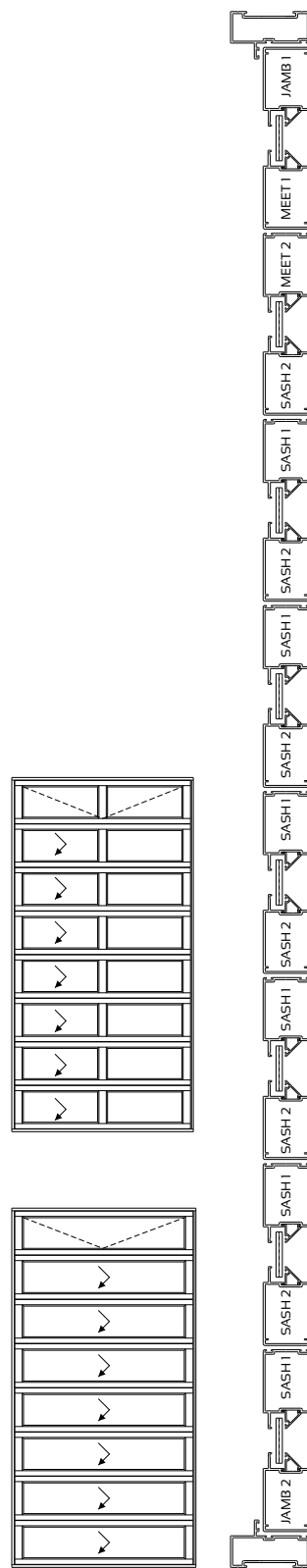
3 + 1 PANEL = 4 PANEL



5 + 1 PANEL = 6 PANEL



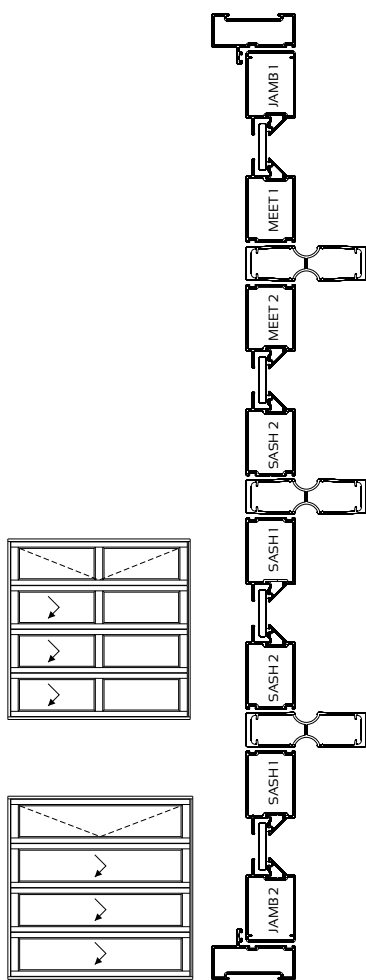
7 + 1 PANEL = 8 PANEL



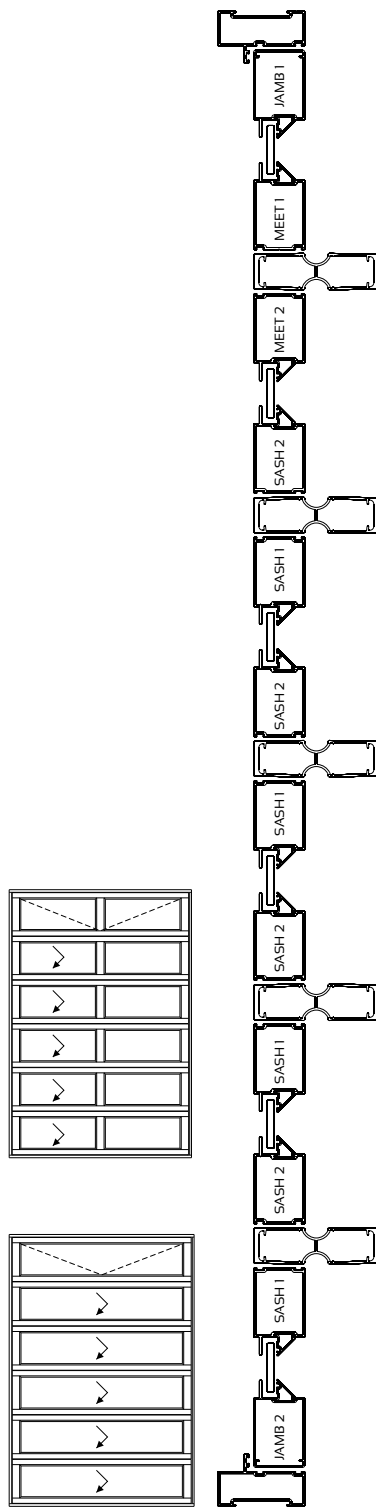
Positioning Of Profiles

With Mullions

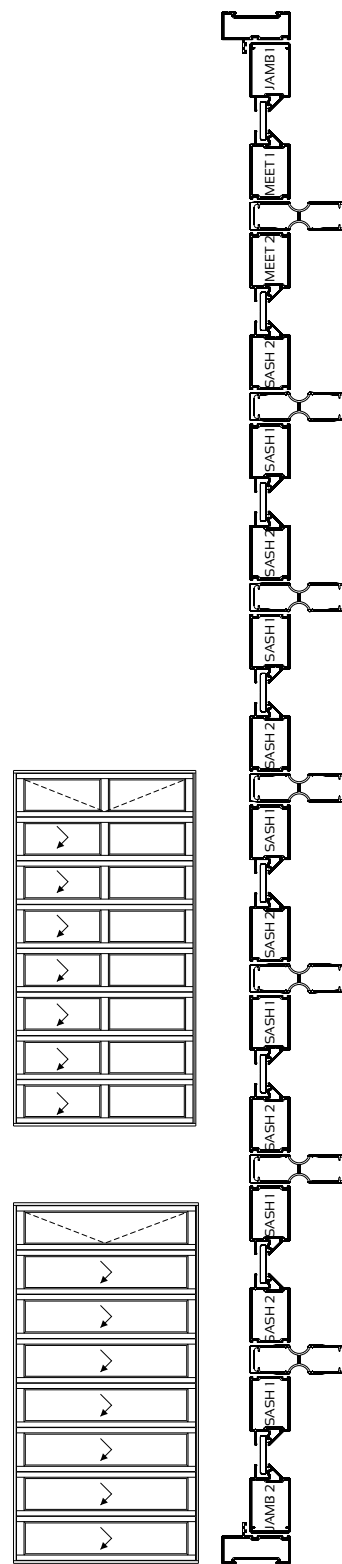
3 + 1 PANEL = 4 PANEL



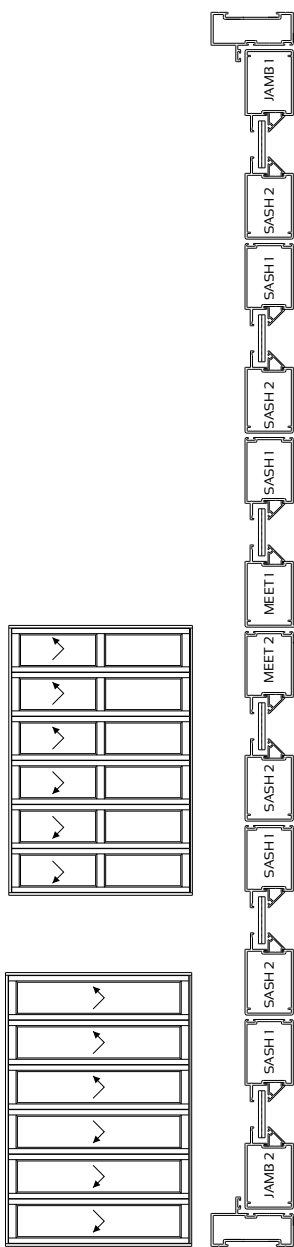
5 + 1 PANEL = 6 PANEL



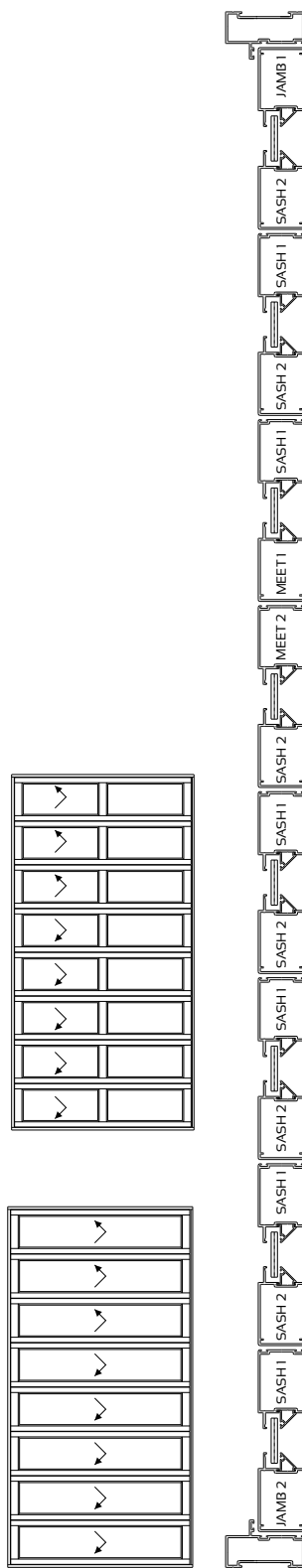
7 + 1 PANEL = 8 PANEL



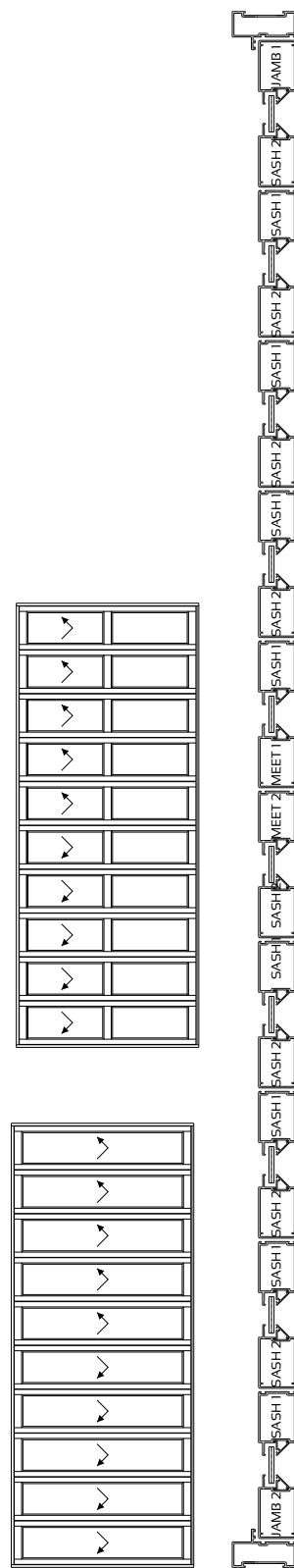
3+3 PANEL = 6 PANEL



5+3 PANEL = 8 PANEL



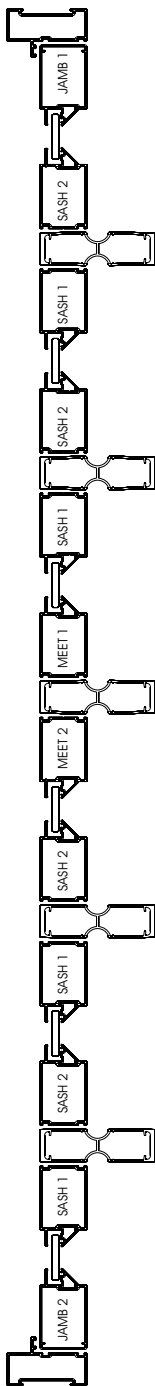
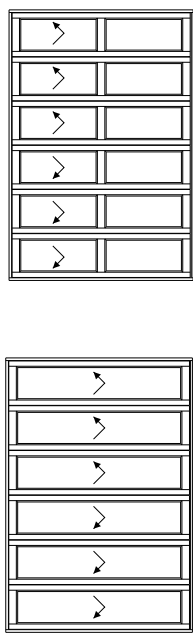
5+5 PANEL = 10 PANEL



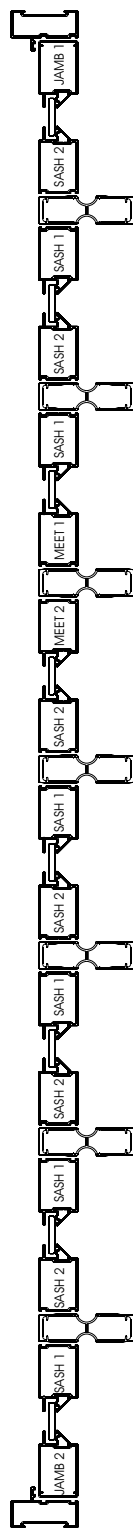
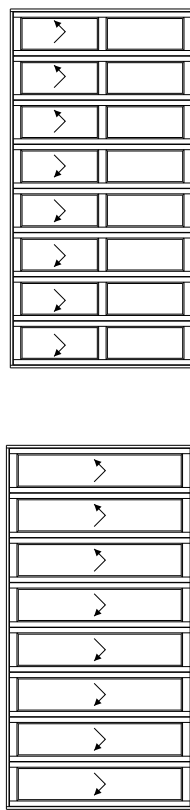
Positioning Of Profiles

With Mullions

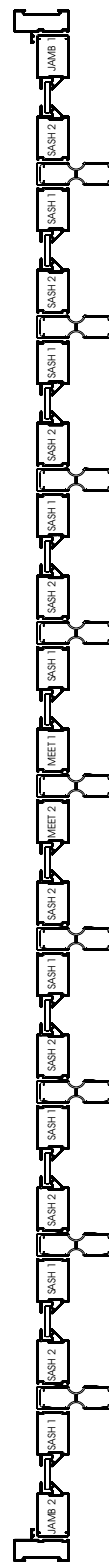
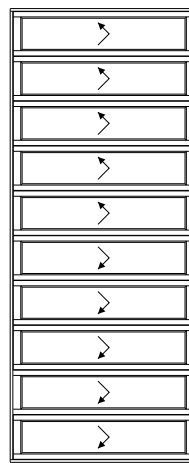
3+ 3 PANEL = 6 PANEL

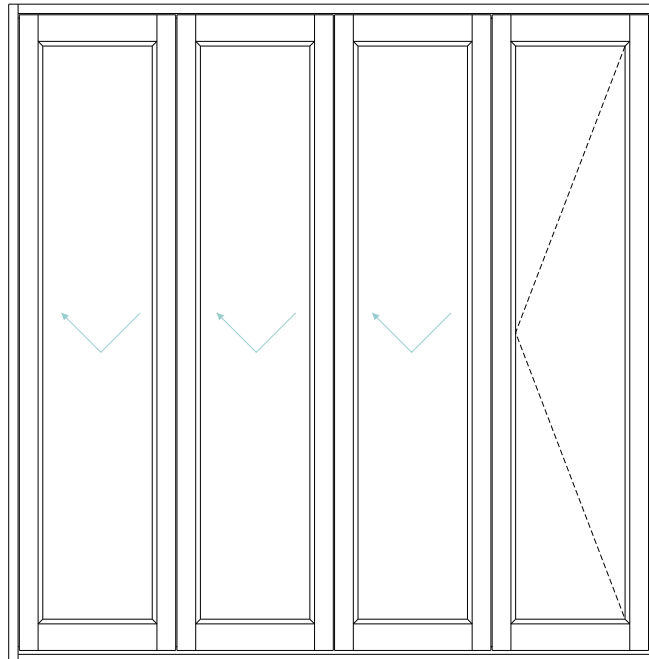


5+ 3 PANEL = 8 PANEL

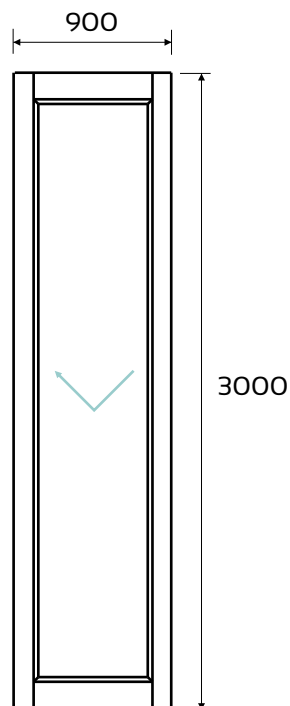


5+ 5 PANEL = 10 PANEL

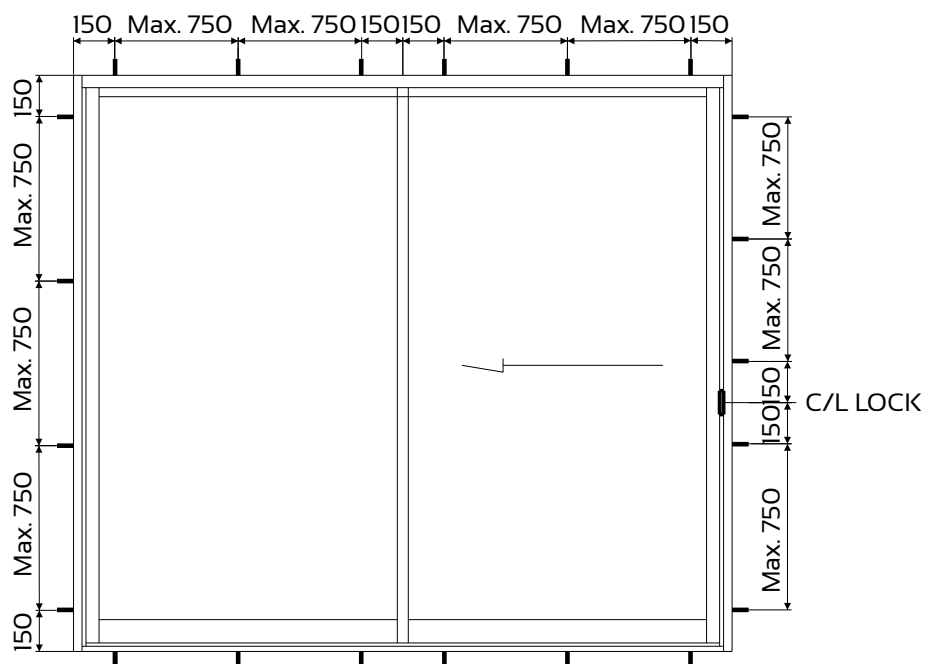




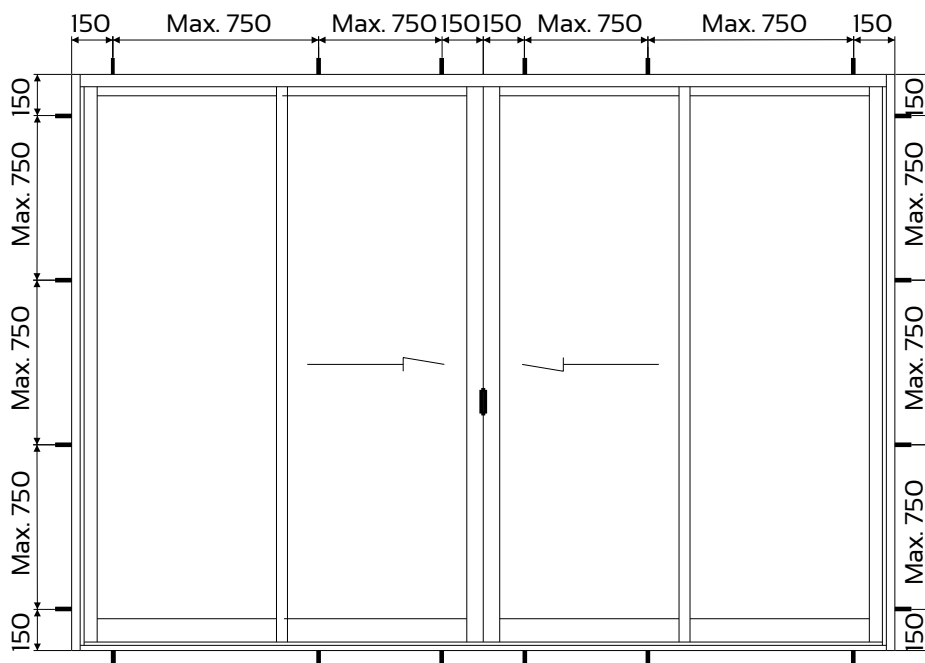
Note : Read in conjunction with selection guides.



Note : Max Leaf Mass: 70 Kg.



TYPICAL OX SLIDING DOOR &
HORIZONTAL SLIDING WINDOW

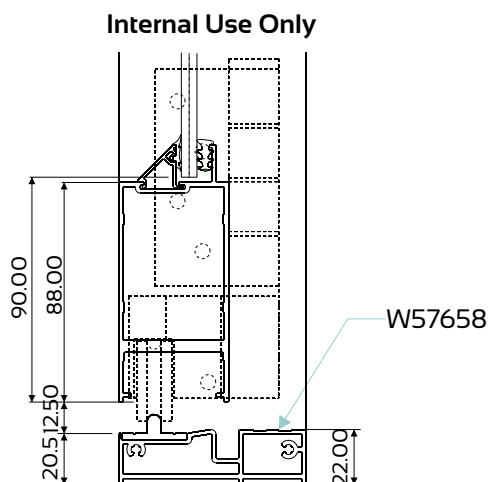
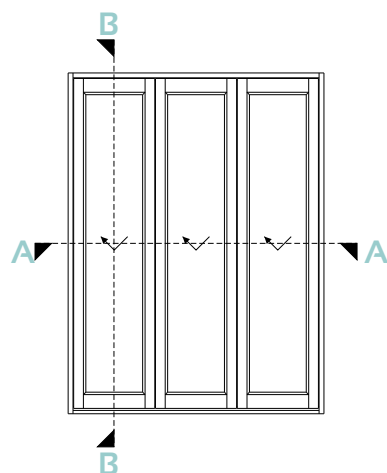


TYPICAL OXXO SLIDING DOOR &
HORIZONTAL SLIDING WINDOW

PRODUCT MANUAL

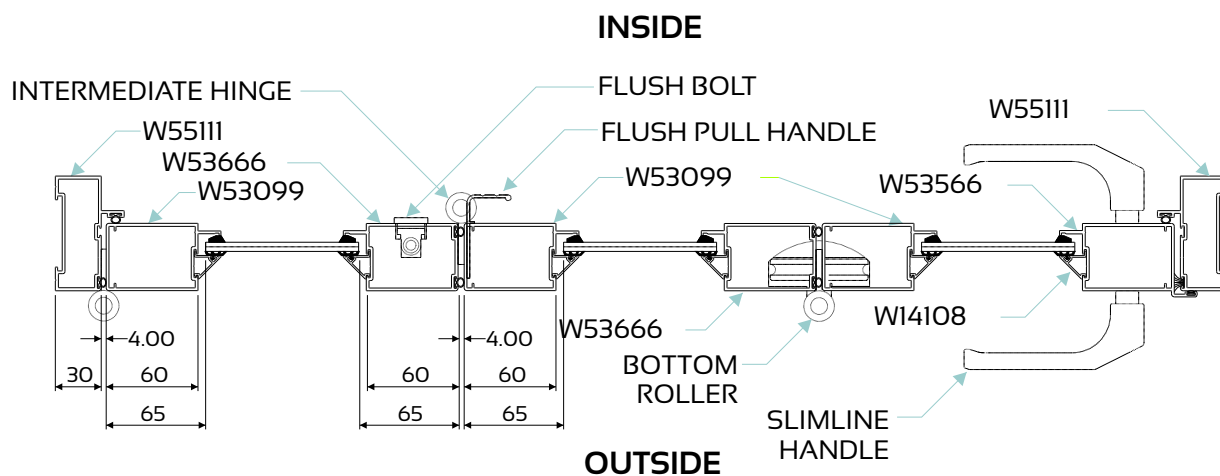
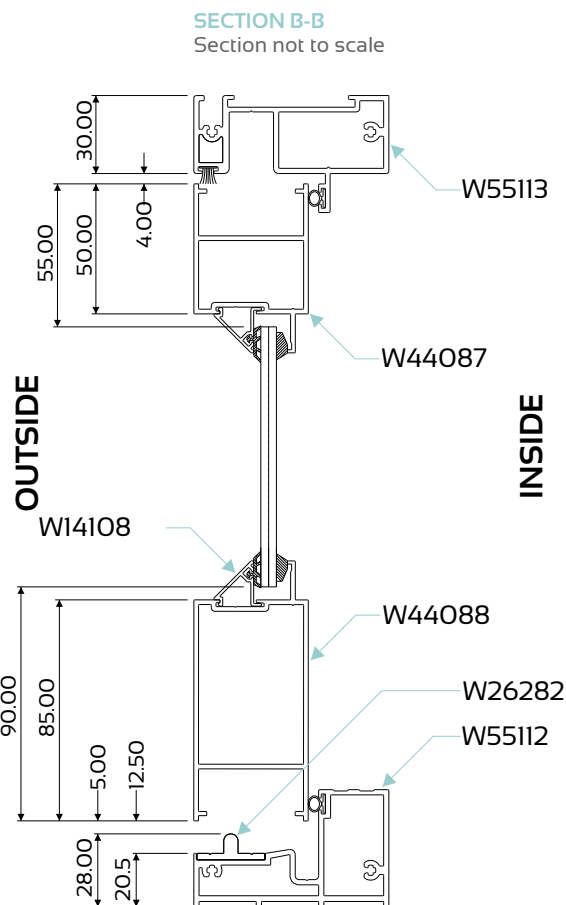
Typical Configuration Showing A 3-Panel

Without Mid-Rail



SECTION A - A

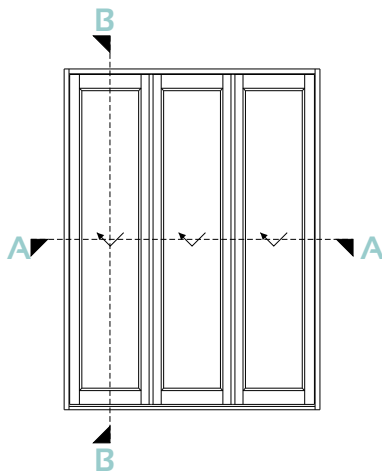
Section not to scale



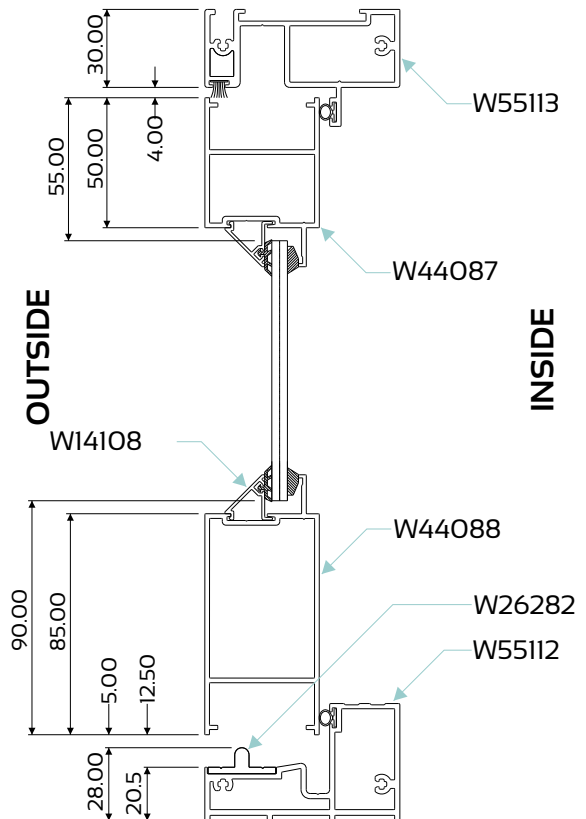
PRODUCT MANUAL

Typical Configuration Showing A 3-Panel

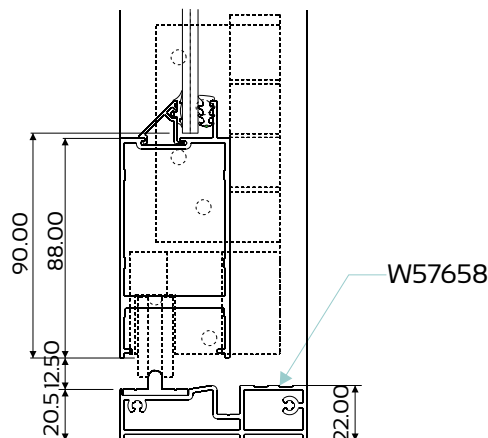
With 108mm Mullion



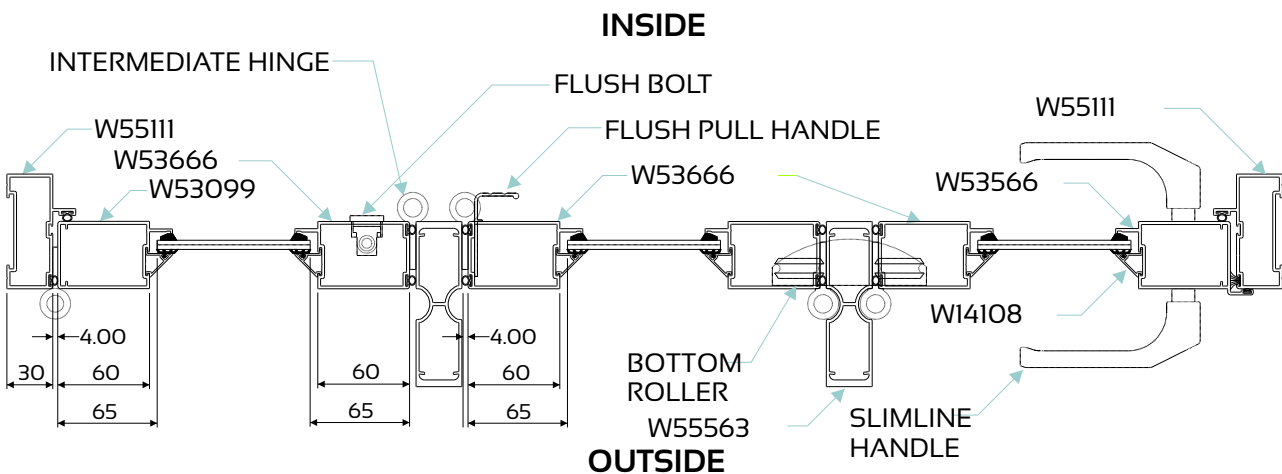
SECTION B-B
Section not to scale



Internal Use Only



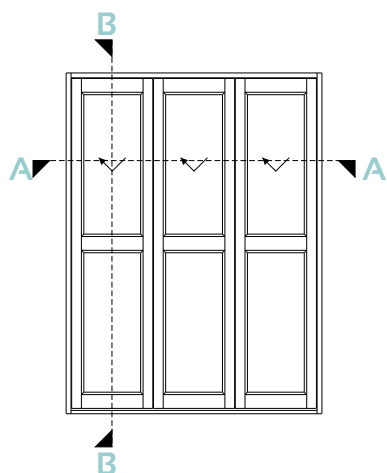
SECTION A - A
Section not to scale



PRODUCT MANUAL

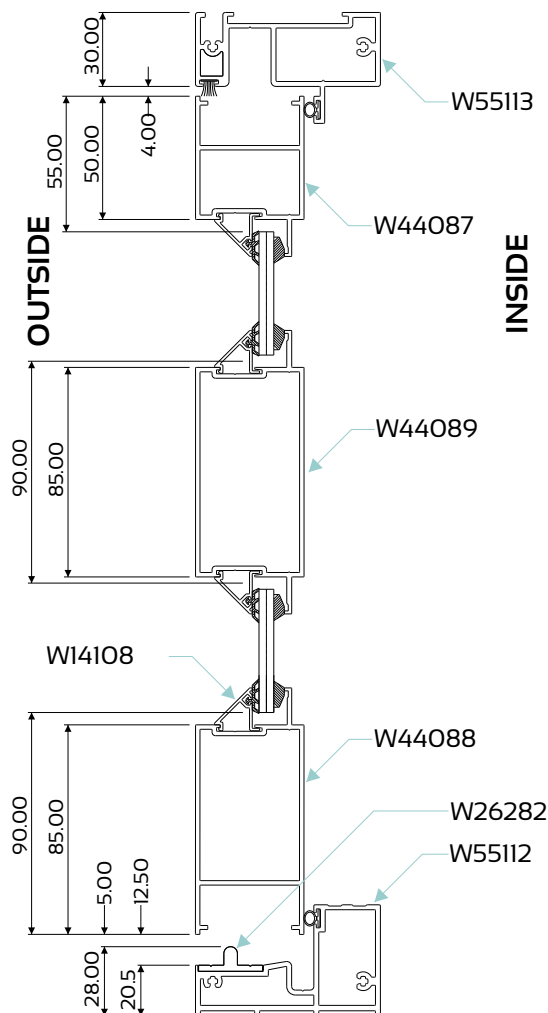
Typical Configuration Showing A 3-Panel

With Mid-Rail

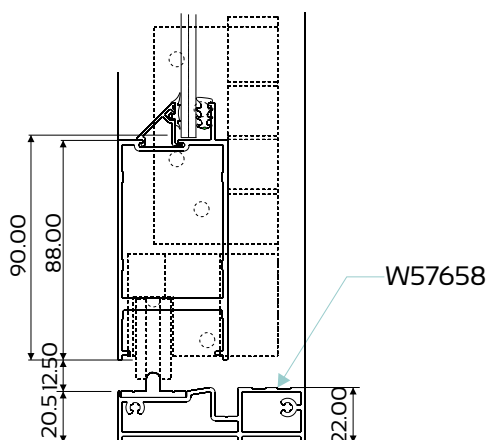


SECTION B-B

Section not to scale

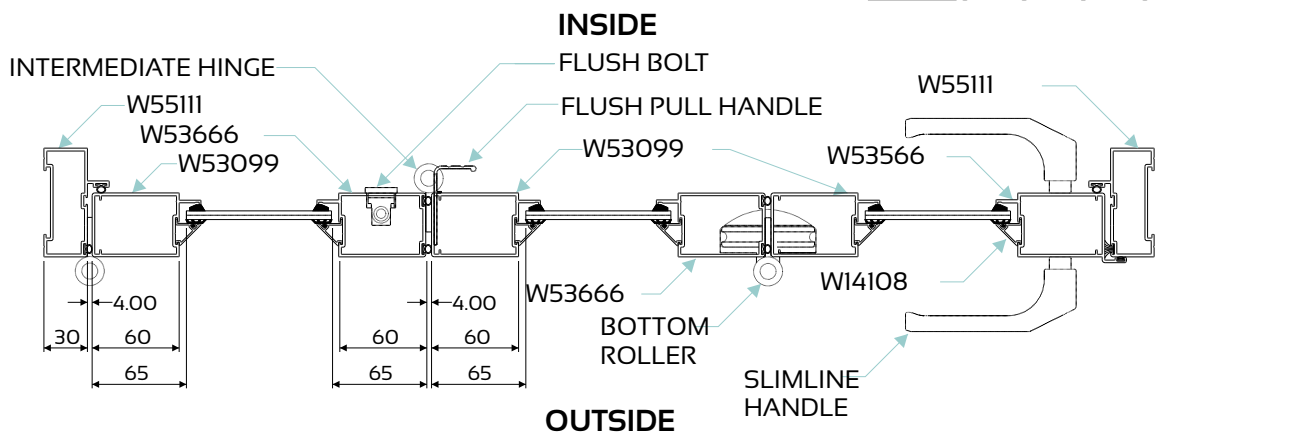


Internal Use Only



SECTION A - A

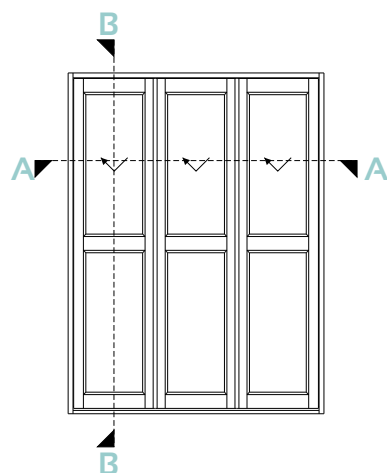
Section not to scale



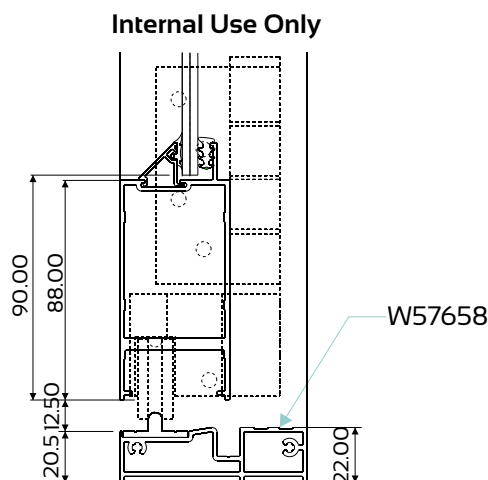
PRODUCT MANUAL

Typical Configuration Showing A 3-Panel

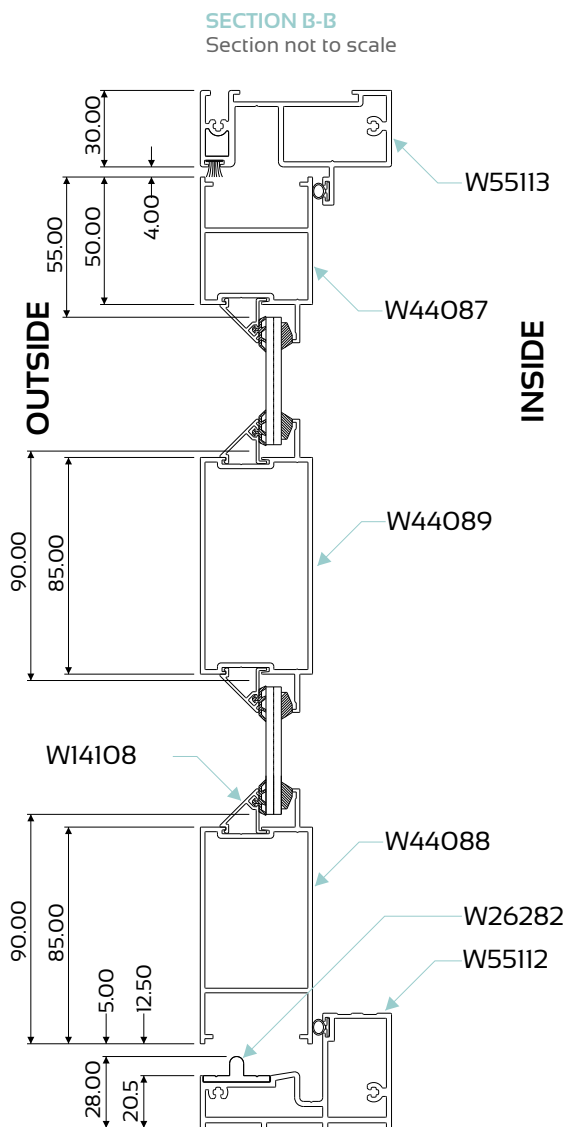
With Mid-Rail & 108mm Mullion



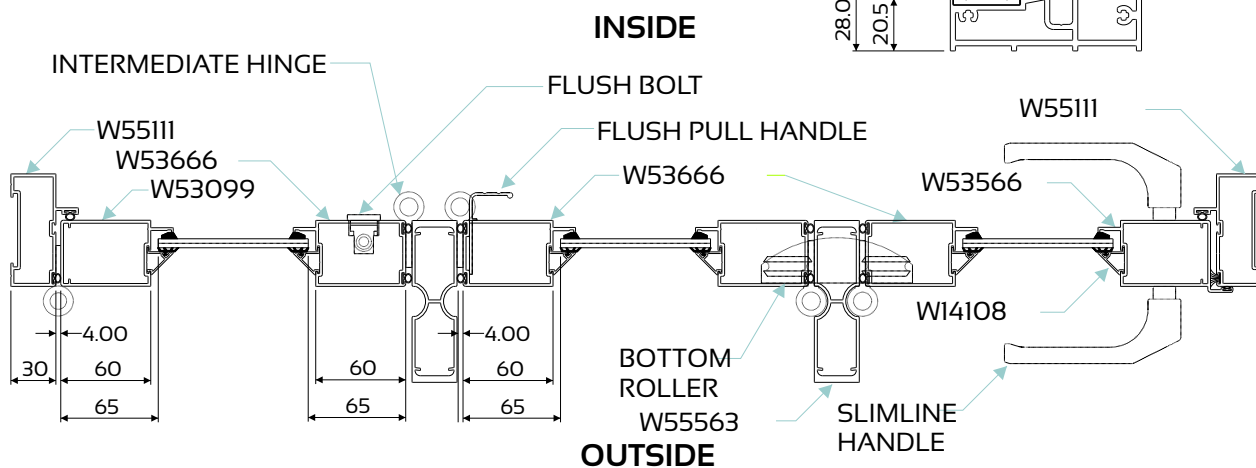
SECTION A - A
Section not to scale



Internal Use Only

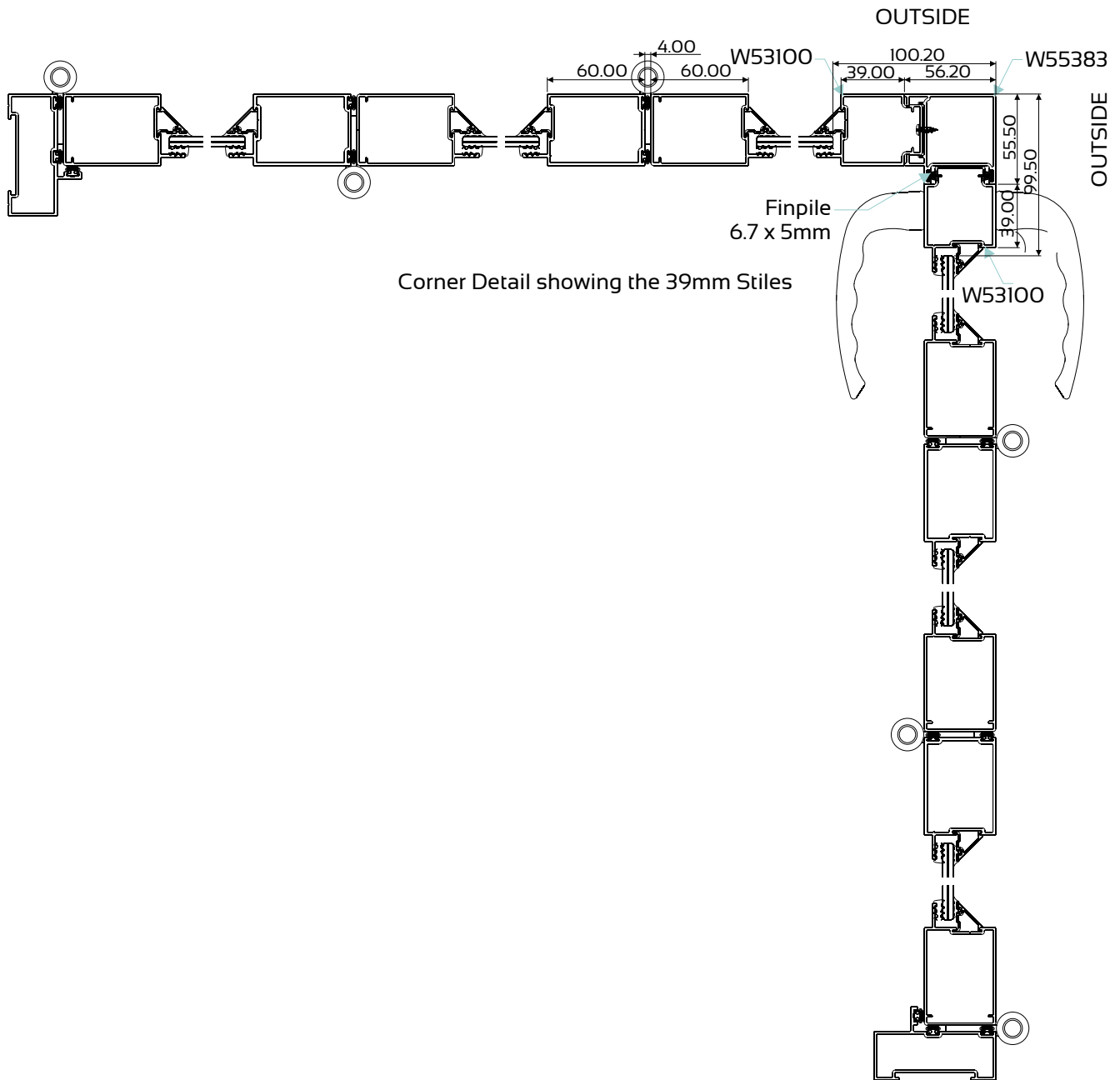


SECTION B-B
Section not to scale



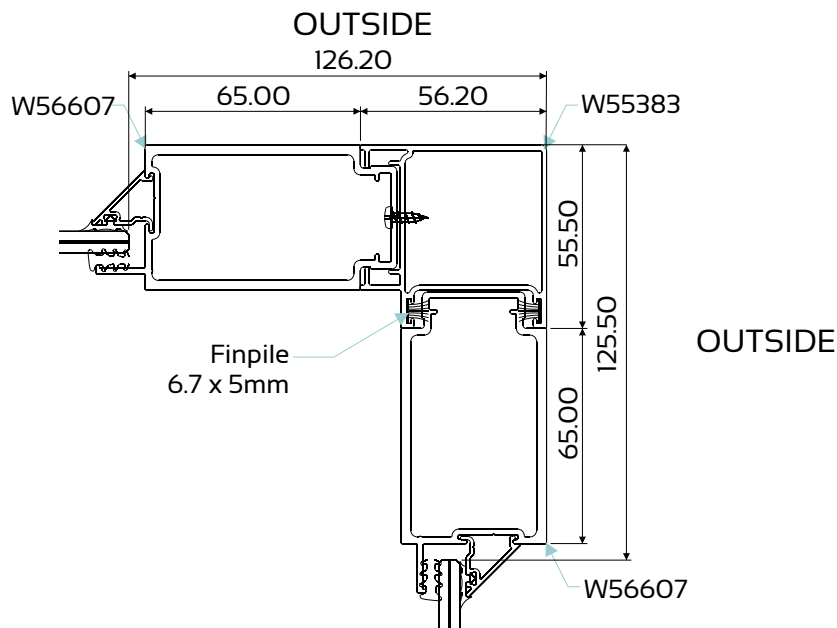
Typical Configuration Showing A Corner Entry Panel

With 39mm Stiles

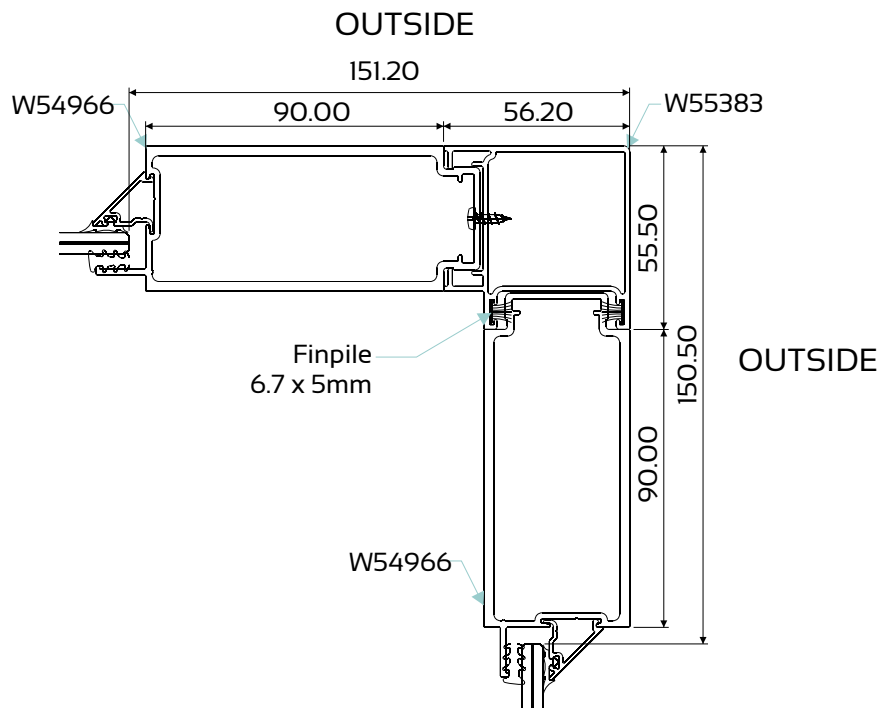


Typical Configuration Showing A Corner Entry Panel

With 65mm & 90mm Stiles



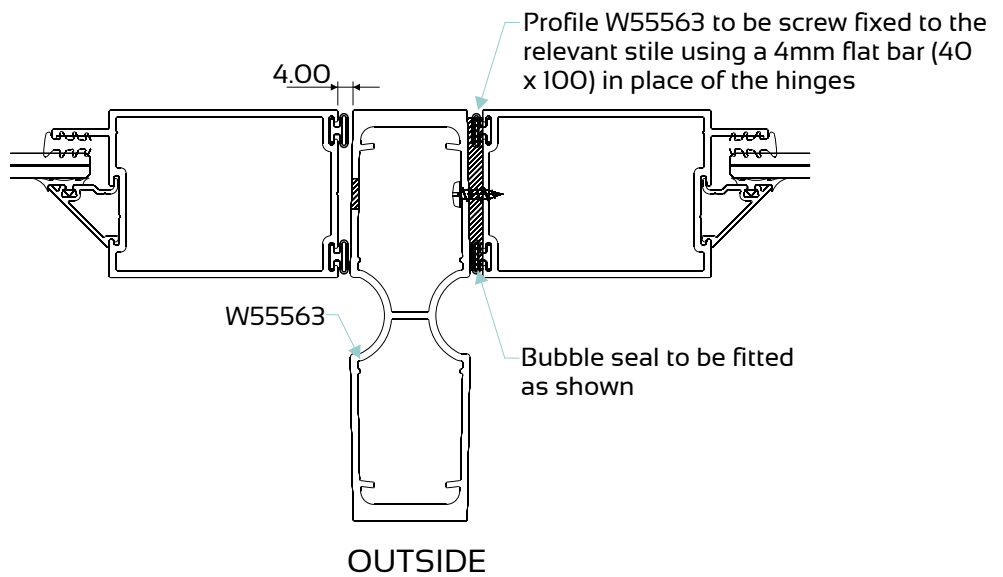
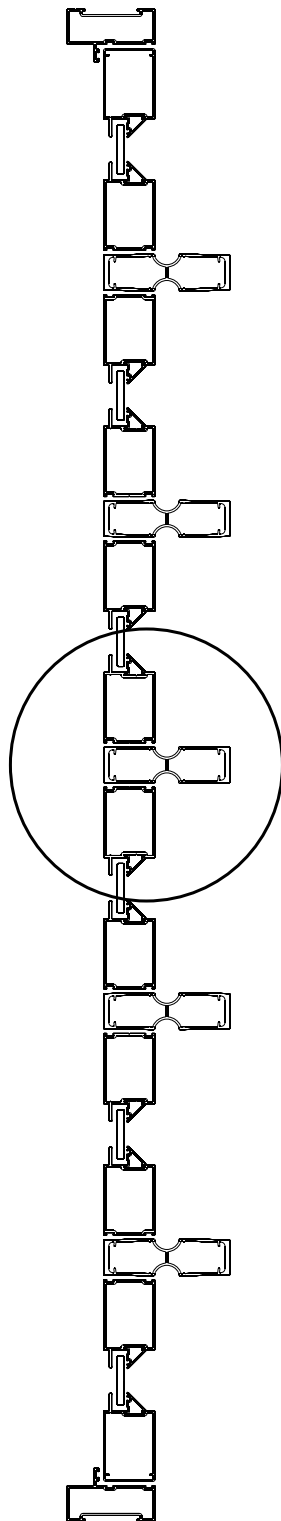
CORNER DETAIL SHOWING THE 65mm STILES



CORNER DETAIL SHOWING THE 90mm STILES

Typical Configuration Showing A H/Duty Mullion

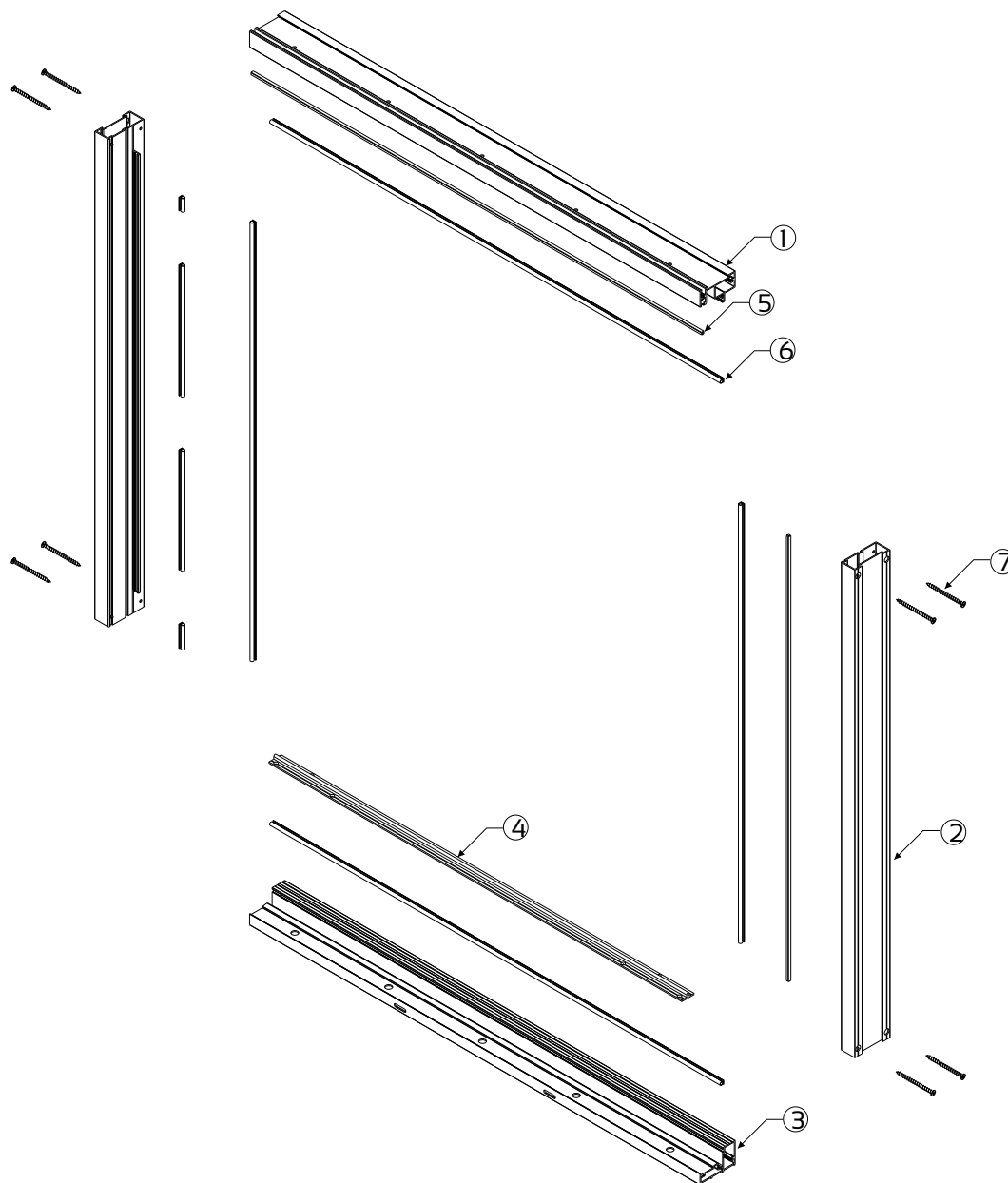
Fixing Detail for Meeting Stile



Assembly Detail

Outer Frame Component

All mechanical joints need to be sealed with silicone



System Profiles

ITEM	QTY	DIE No.	DESCRIPTION
1	1	W551I3	Clip44 Vistafold Head
2	2	W551I1	Clip44 Vistafold Jamb
3	1	W551I2	Clip44 Vistafold Sill
4	1	W26282	Multi Track

Hardware

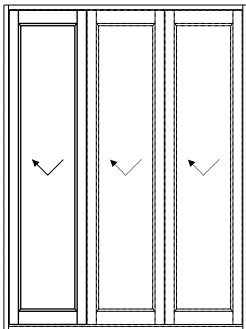
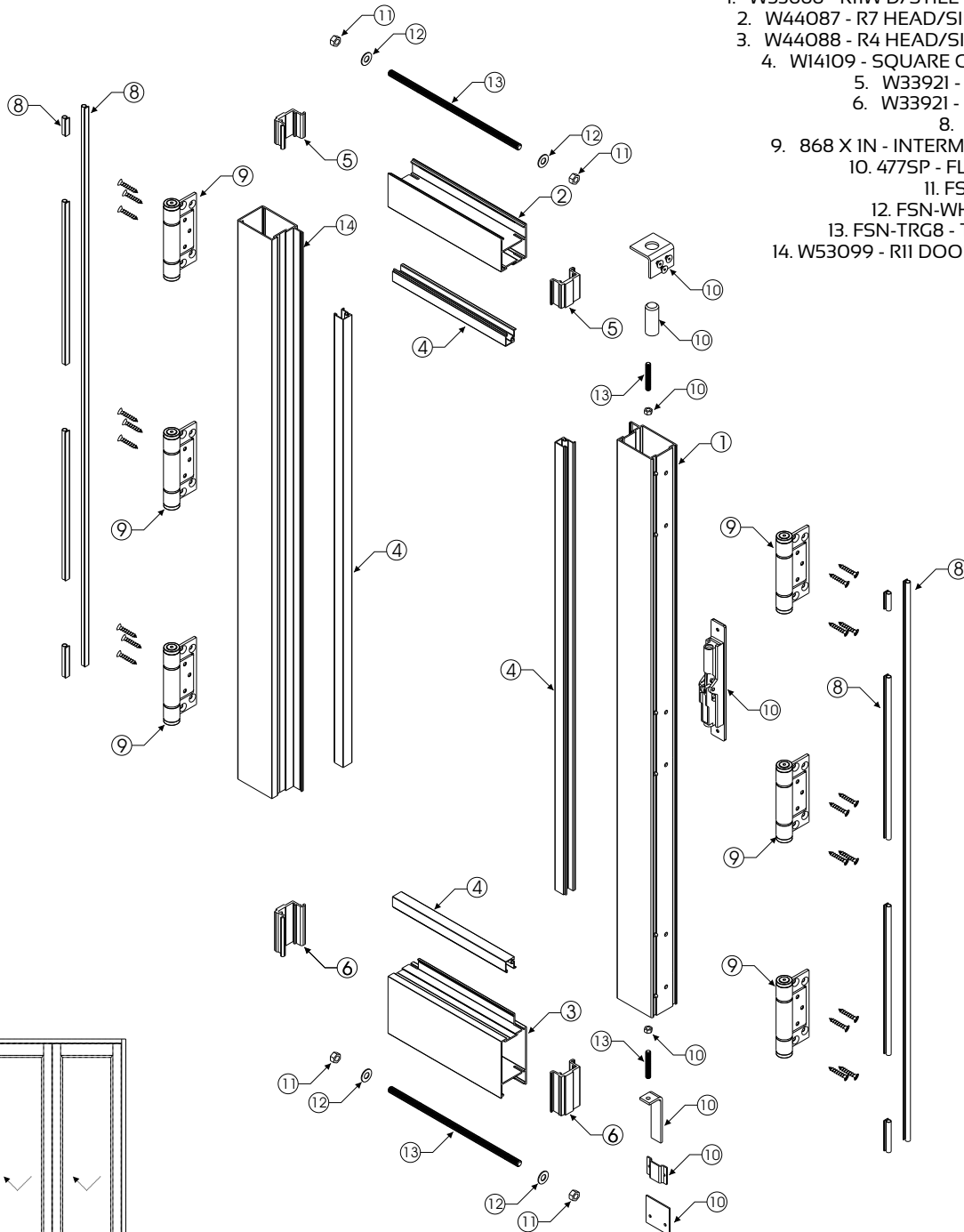
ITEM	QTY	COMPONENT DESCRIPTION
5	4	Finpile
6	4	Bubble Seal
7	8	P/Head POSI 8x40 S/S Screw

Assembly Detail

Insert Component

All mechanical joints need to be sealed with silicone

1. W53666 - R11W D/STILE 60mm W/PILE
2. W44087 - R7 HEAD/SILL RAIL 50mm
3. W44088 - R4 HEAD/SILL RAIL 85mm
4. W14109 - SQUARE GLAZING BEAD
5. W33921 - 23mm SPIGOT
6. W33921 - 58mm SPIGOT
8. BUBBLE SEAL
9. 868 X IN - INTERMEDIATE HINGE
10. 477SP - FLUSH BOLT KIT
11. FSN-NTG8 - NUT
12. FSN-WHG8 - WASHER
13. FSN-TRG8 - TREADED ROD
14. W53099 - R11 DOOR STILE 60mm

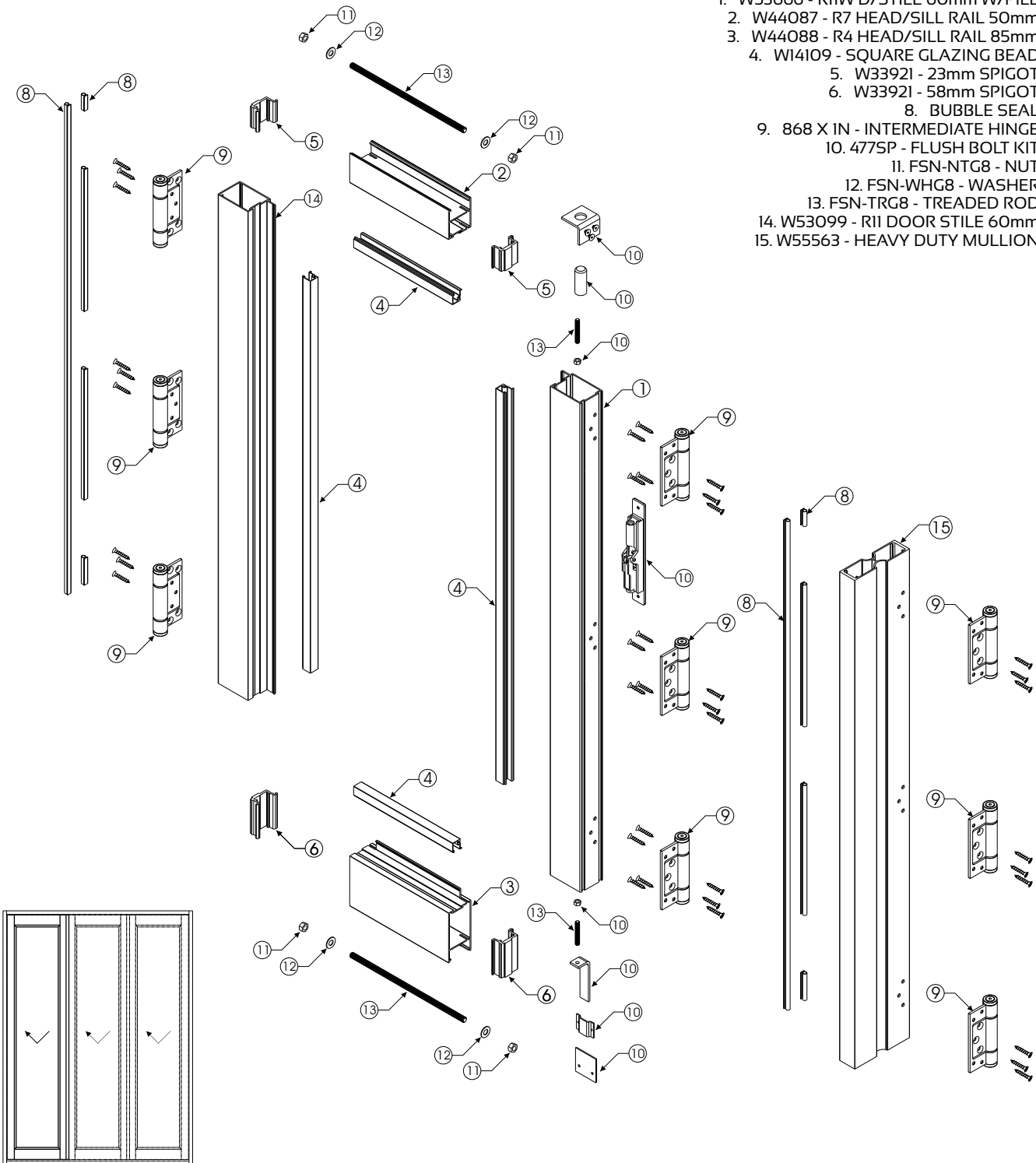


Assembly Detail

Insert Component

All mechanical joints need to be sealed with silicone

1. W53666 - R11W D/STILE 60mm W/PILE
2. W44087 - R7 HEAD/SILL RAIL 50mm
3. W44088 - R4 HEAD/SILL RAIL 85mm
4. W14109 - SQUARE GLAZING BEAD
5. W33921 - 23mm SPIGOT
6. W33921 - 58mm SPIGOT
8. BUBBLE SEAL
9. 868 X IN - INTERMEDIATE HINGE
10. 477SP - FLUSH BOLT KIT
11. FSN-NTG8 - NUT
12. FSN-WHG8 - WASHER
13. FSN-TRG8 - TREADED ROD
14. W53099 - R11 DOOR STILE 60mm
15. W55563 - HEAVY DUTY MULLION

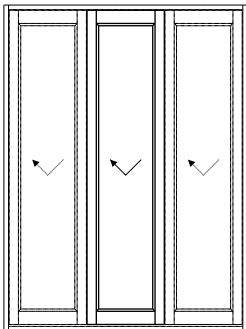
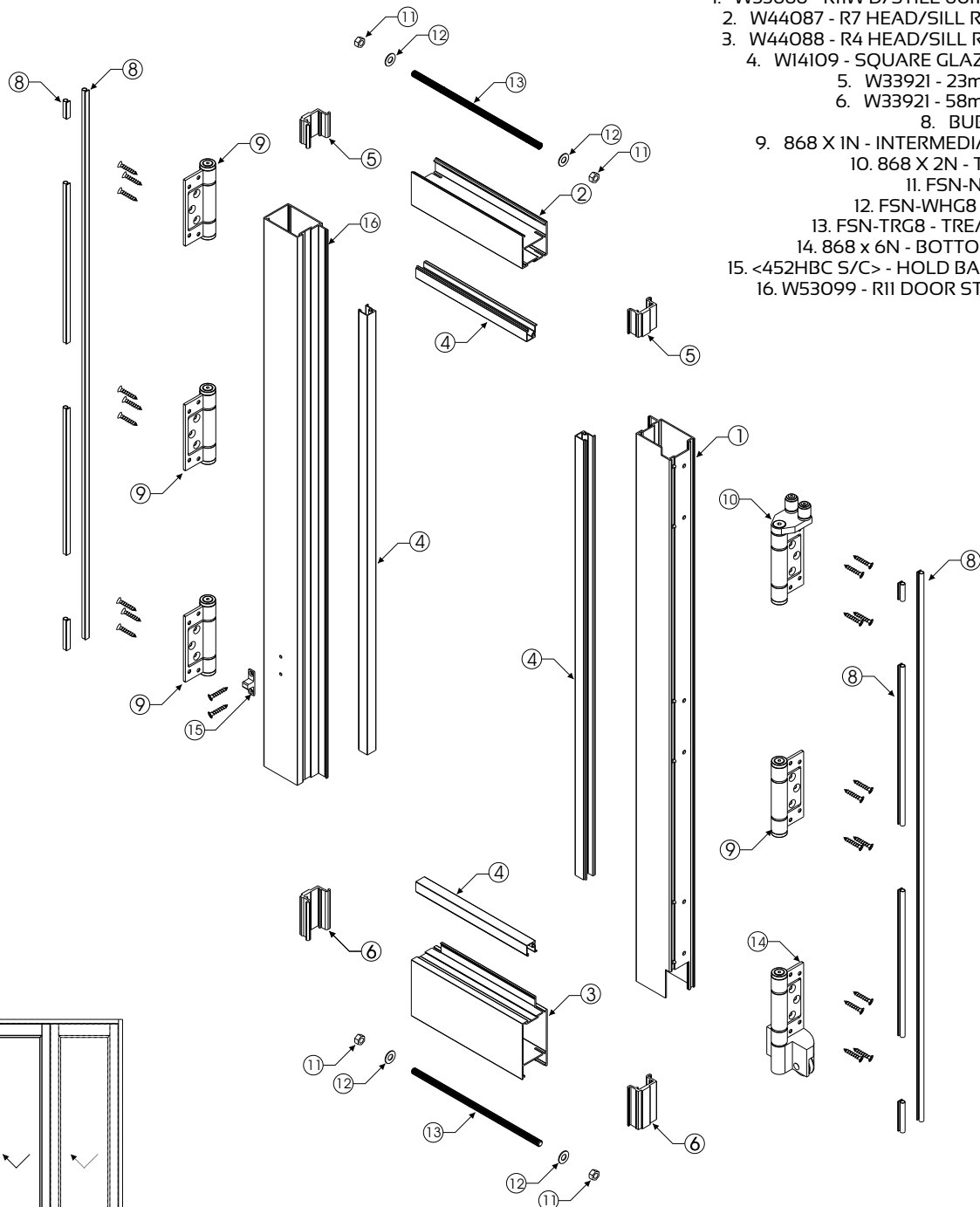


Assembly Detail

Insert Component

All mechanical joints need to be sealed with silicone

1. W53666 - R11W D/STILE 60mm W/PILE
2. W44087 - R7 HEAD/SILL RAIL 50mm
3. W44088 - R4 HEAD/SILL RAIL 85mm
4. W14109 - SQUARE GLAZING BEAD
5. W33921 - 23mm SPIGOT
6. W33921 - 58mm SPIGOT
8. BUBBLE SEAL
9. 868 X 1N - INTERMEDIATE HINGE
10. 868 X 2N - TOP GUIDE
11. FSN-NTG8 - NUT
12. FSN-WHG8 - WASHER
13. FSN-TRG8 - TREADED ROD
14. 868 x 6N - BOTTOM ROLLER
15. <452HBC S/C> - HOLD BACK CATCH
16. W53099 - R11 DOOR STILE 60mm

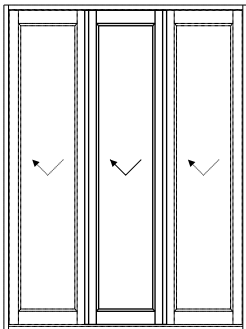
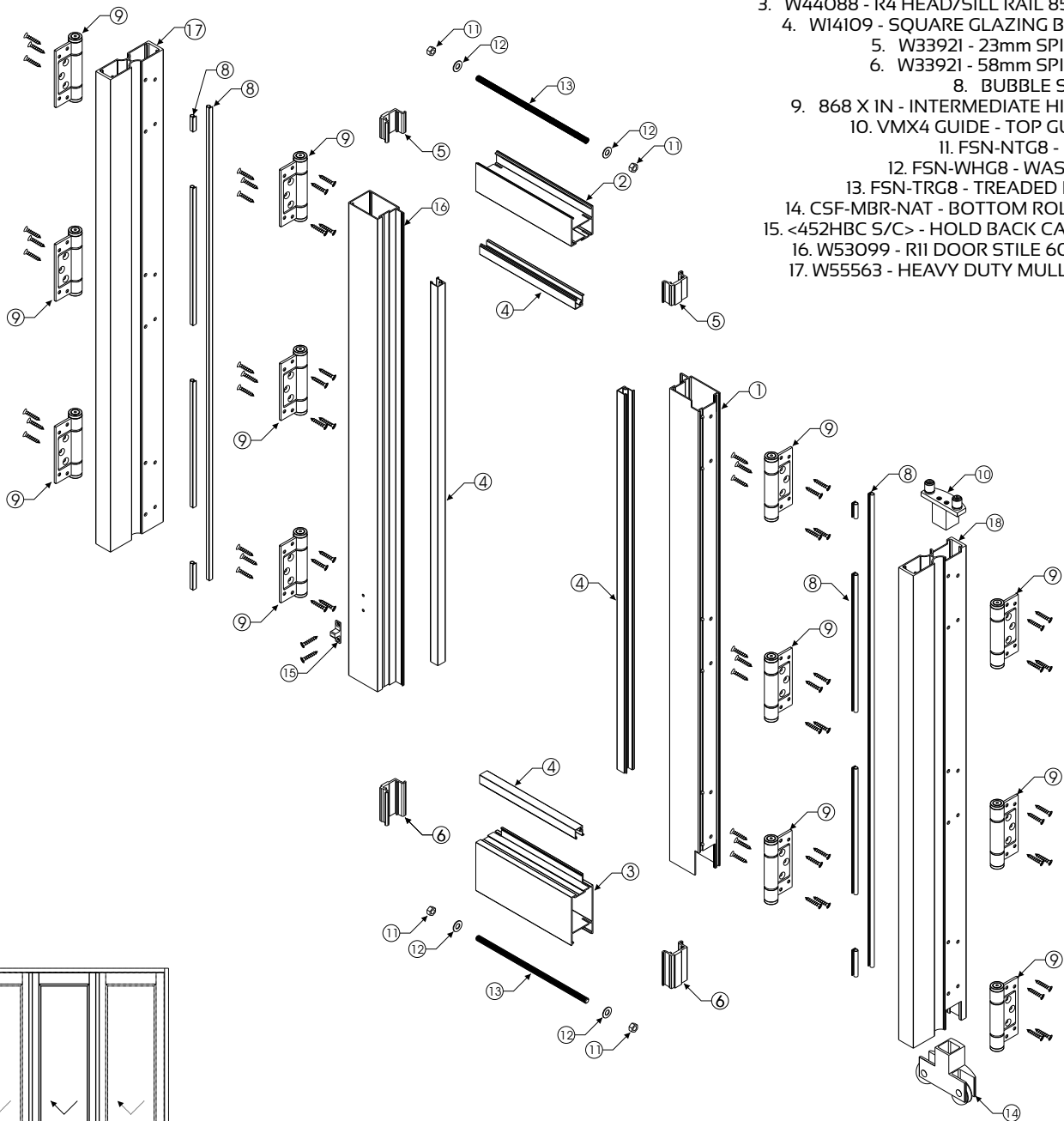


Assembly Detail

Insert Component

All mechanical joints need to be sealed with silicone

1. W53666 - R11W D/STILE 60mm W/PILE
2. W44087 - R7 HEAD/SILL RAIL 50mm
3. W44088 - R4 HEAD/SILL RAIL 85mm
4. W14109 - SQUARE GLAZING BEAD
5. W33921 - 23mm SPIGOT
6. W33921 - 58mm SPIGOT
8. BUBBLE SEAL
9. 868 X IN - INTERMEDIATE HINGE
10. VMX4 GUIDE - TOP GUIDE
11. FSN-NTG8 - NUT
12. FSN-WHG8 - WASHER
13. FSN-TRG8 - TREADED ROD
14. CSF-MBR-NAT - BOTTOM ROLLER
15. <452HBC S/C> - HOLD BACK CATCH
16. W53099 - R11 DOOR STILE 60mm
17. W55563 - HEAVY DUTY MULLION

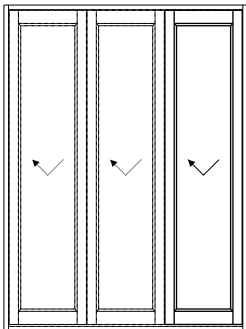
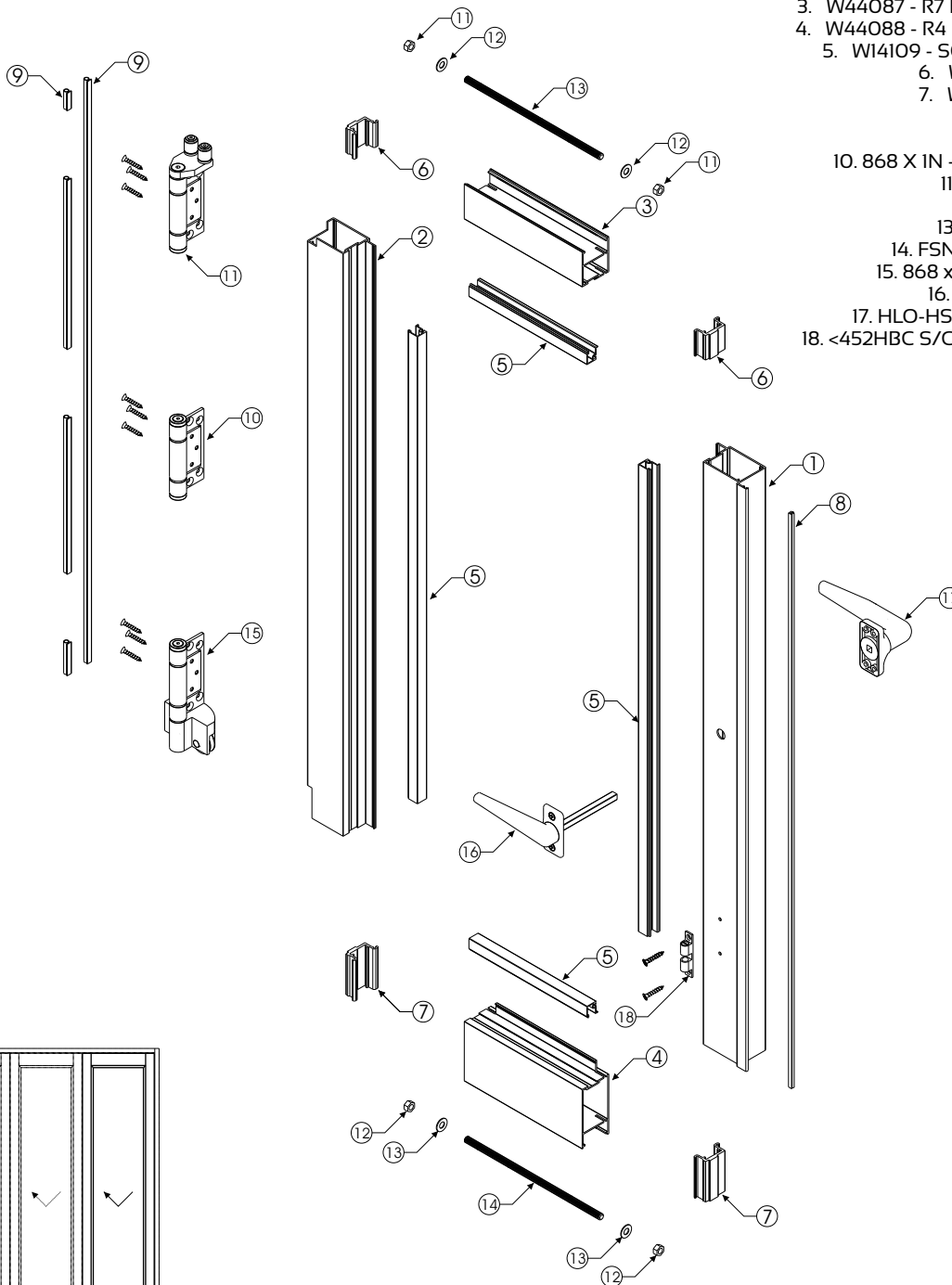


Assembly Detail

Insert Component

All mechanical joints need to be sealed with silicone

1. W53566 - RIISP D/STILE 60mm
2. W53099 - RII D/STILE 60mm
3. W44087 - R7 HEAD/SILL RAIL 50mm
4. W44088 - R4 HEAD/SILL RAIL 85mm
5. W14109 - SQUARE GLAZING BEAD
6. W33921 - 23mm SPIGOT
7. W33921 - 58mm SPIGOT
8. FINPILE
9. BUBBLE SEAL
10. 868 X IN - INTERMEDIATE HINGE
11. 868 X 2N - TOP GUIDE
12. FSN-NTG8 - NUT
13. FSN-WHG8 - WASHER
14. FSN-TRG8 - TREADED ROD
15. 868 x 6N - BOTTOM ROLLER
16. <HND203B> - HANDLE
17. HLO-HSE-GRY - EURO HANDLE
18. <452HBC S/C> - HOLD BACK CATCH

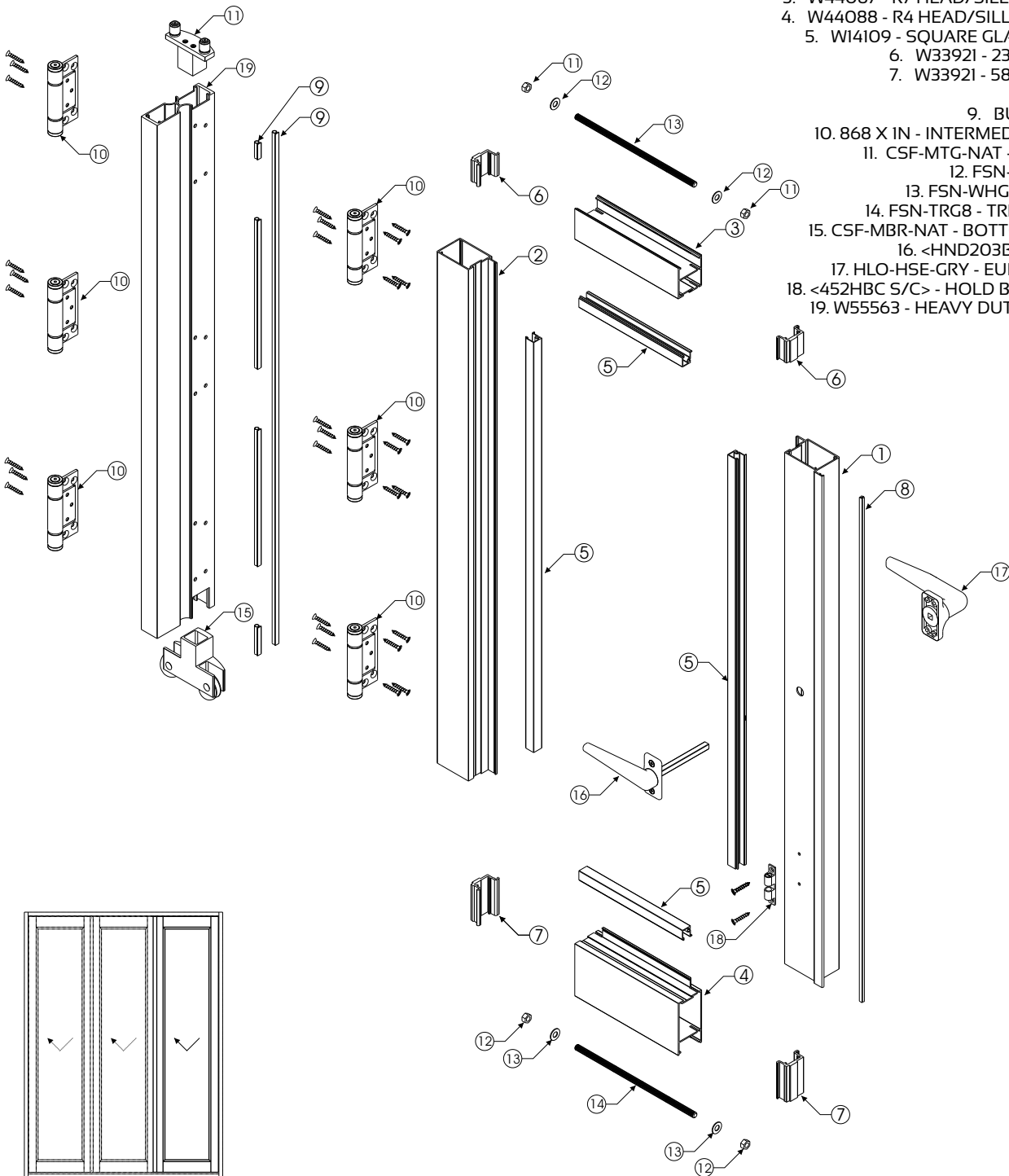


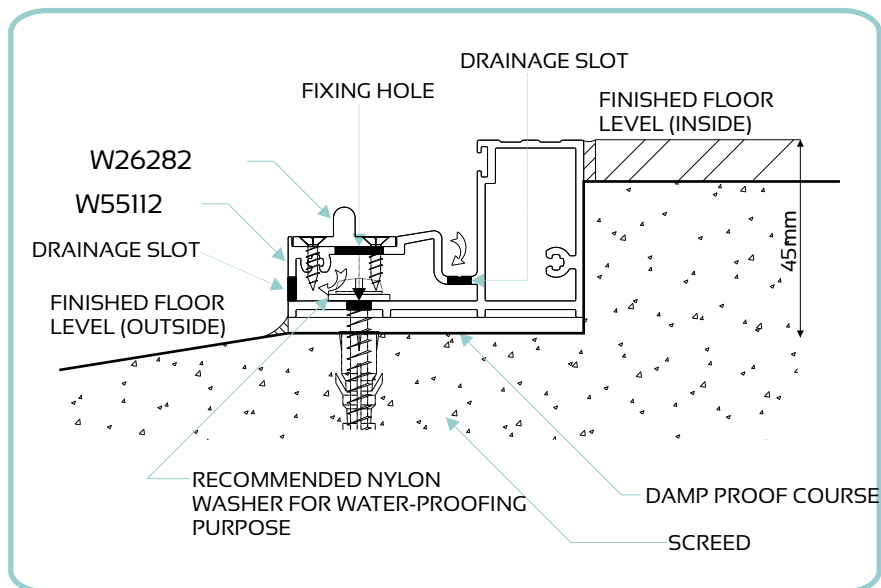
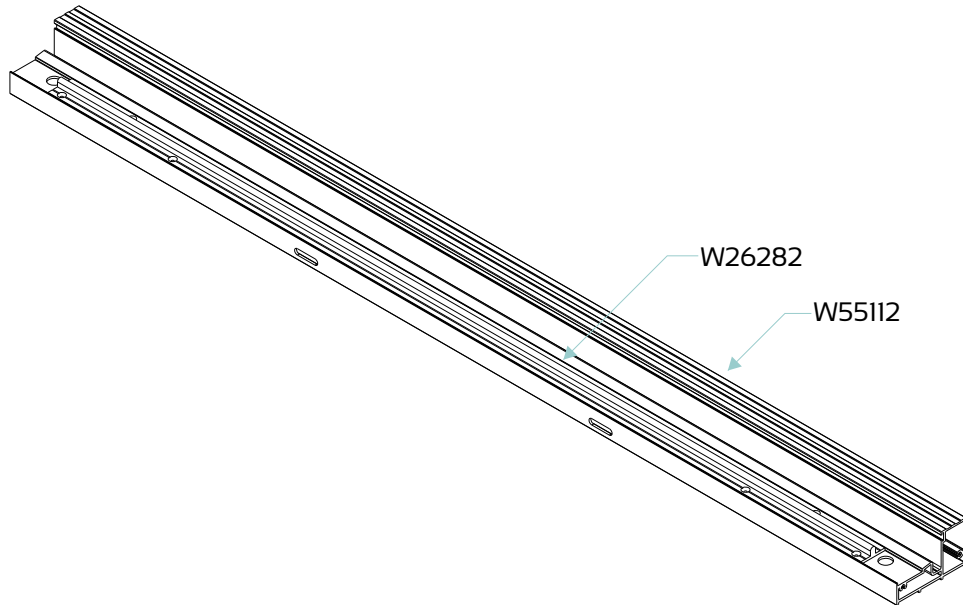
Assembly Detail

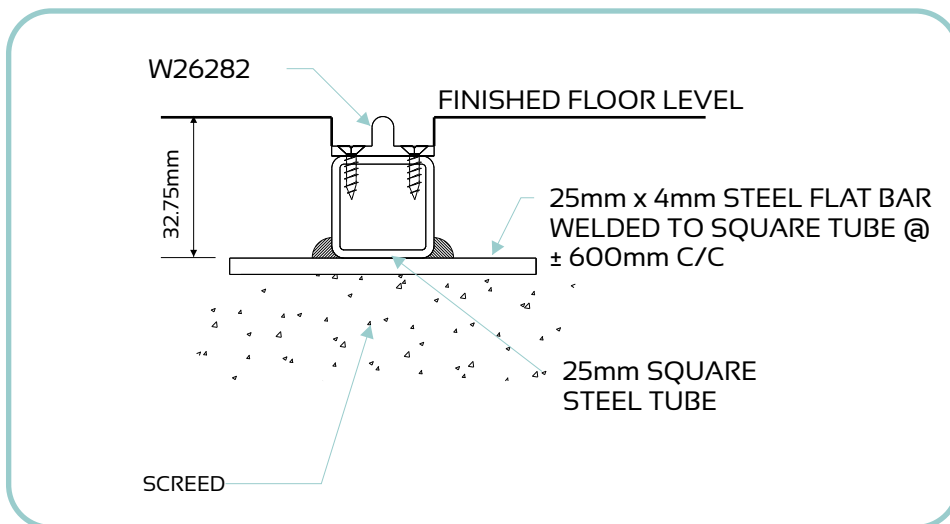
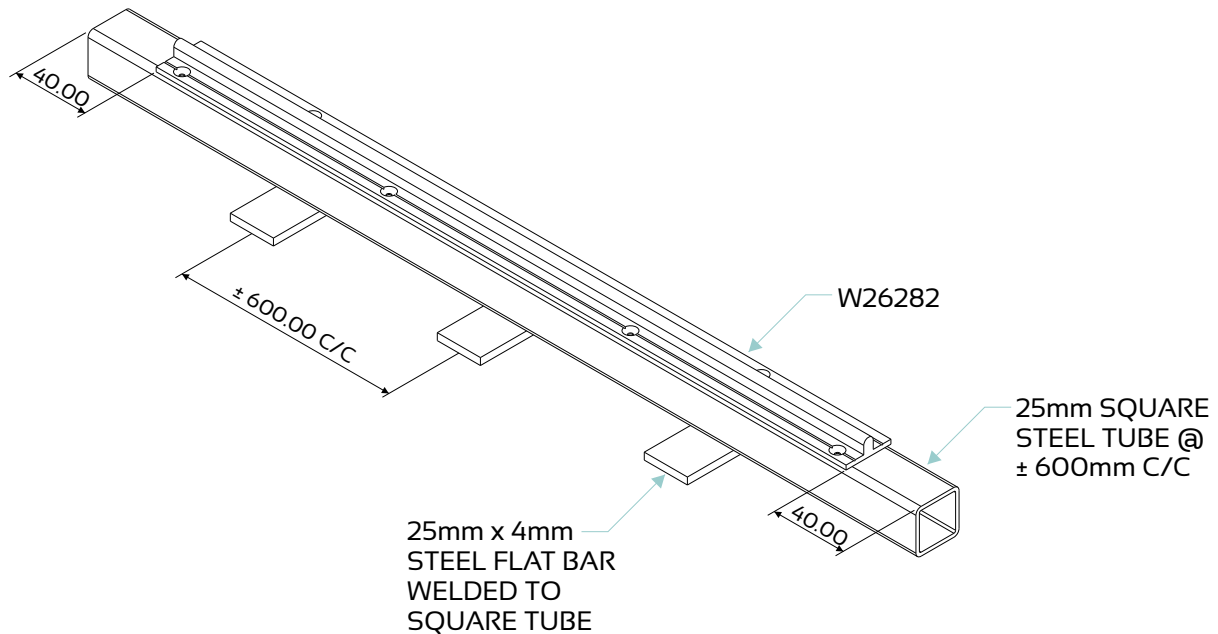
Insert Component

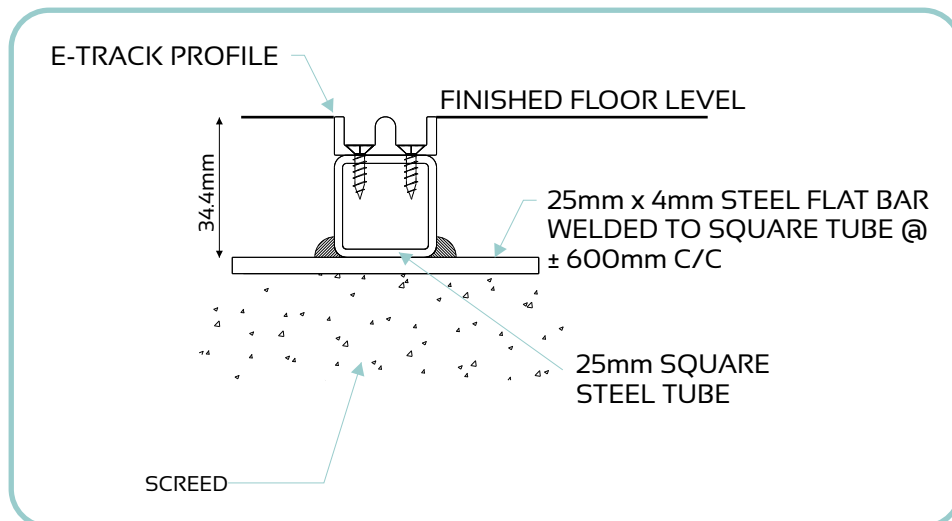
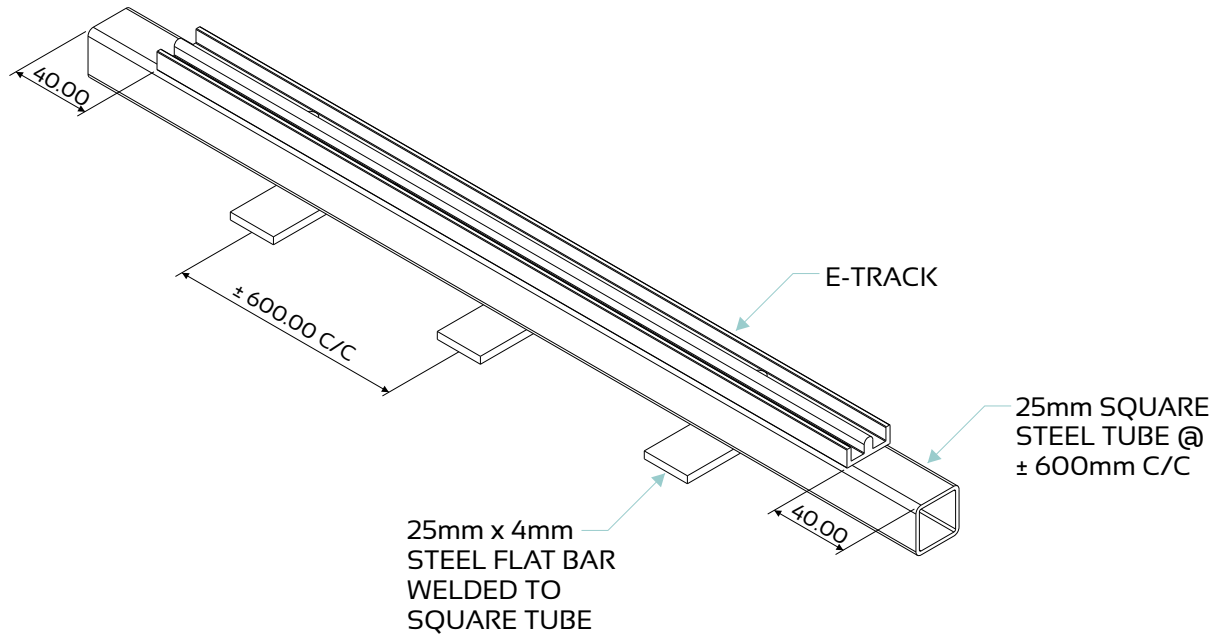
All mechanical joints need to be sealed with silicone

1. W53566 - RIISP D/STILE 60mm
2. W53099 - RII D/STILE 60mm
3. W44087 - R7 HEAD/SILL RAIL 50mm
4. W44088 - R4 HEAD/SILL RAIL 85mm
5. W14109 - SQUARE GLAZING BEAD
6. W33921 - 23mm SPIGOT
7. W33921 - 58mm SPIGOT
8. FINPILE
9. BUBBLE SEAL
10. 868 X IN - INTERMEDIATE HINGE
11. CSF-MTG-NAT - TOP GUIDE
12. FSN-NTG8 - NUT
13. FSN-WHG8 - WASHER
14. FSN-TRG8 - TREADED ROD
15. CSF-MBR-NAT - BOTTOM ROLLER
16. <HND203B> - HANDLE
17. HLO-HSE-GRY - EURO HANDLE
18. <452HBC S/C> - HOLD BACK CATCH
19. W55563 - HEAVY DUTY MULLION

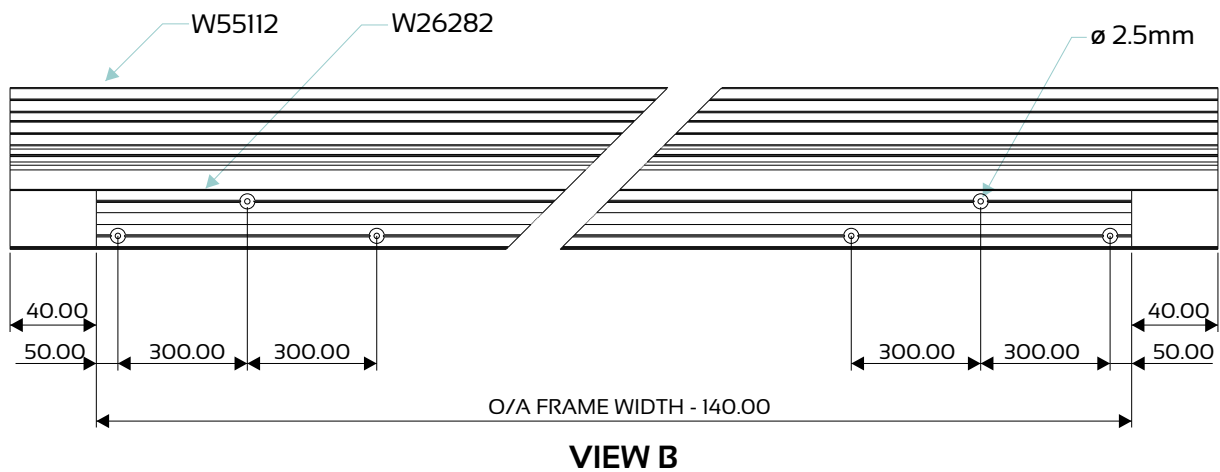
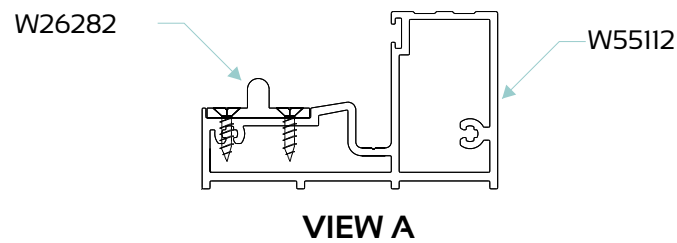
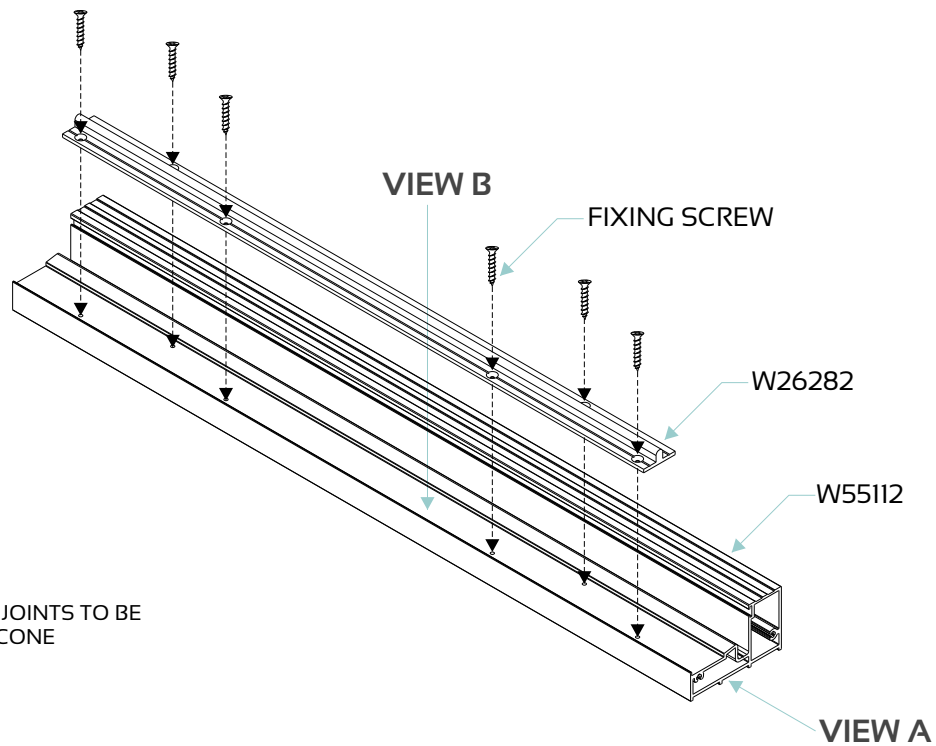


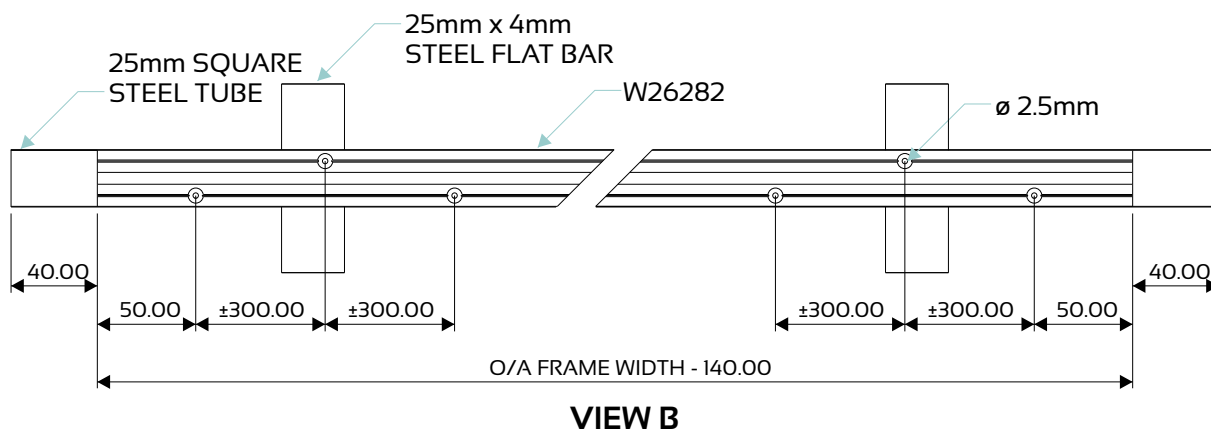
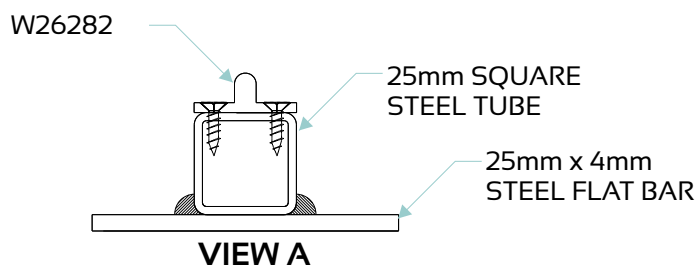
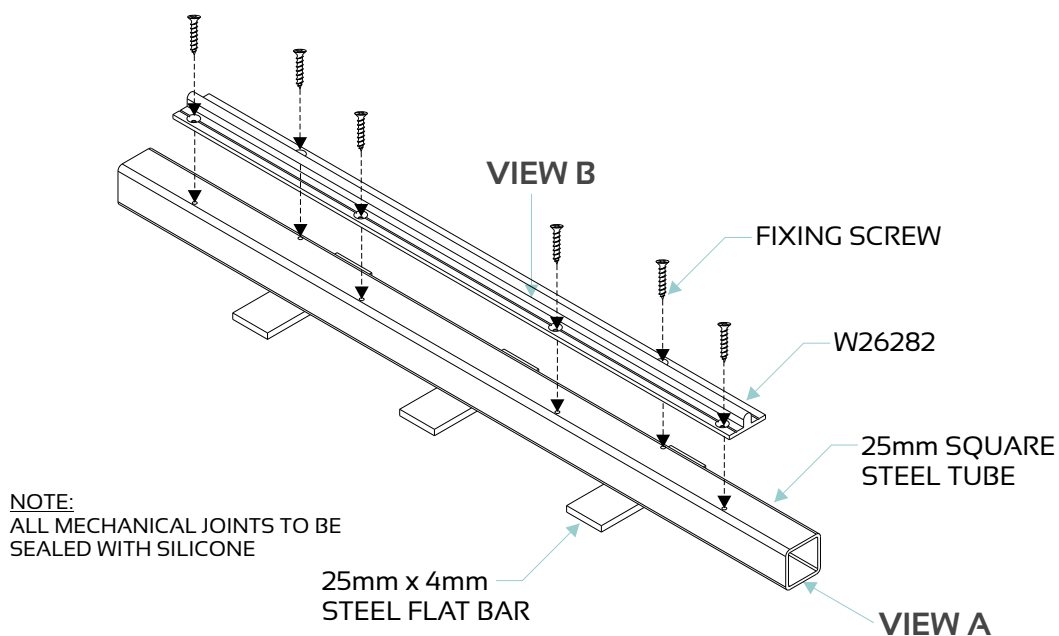


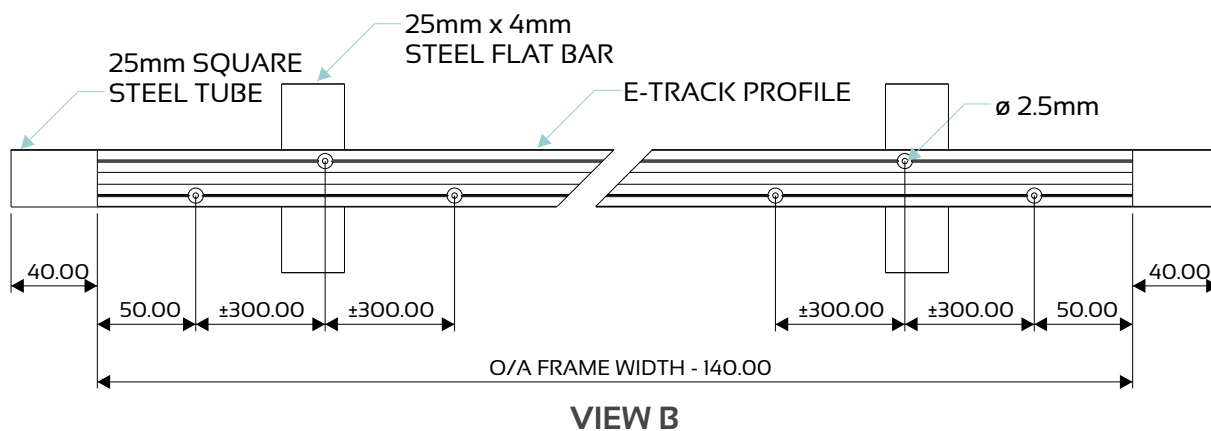
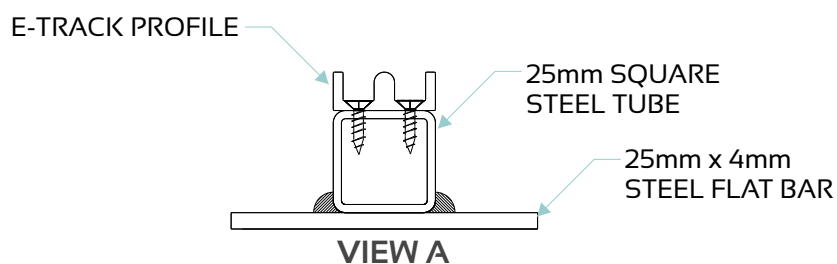
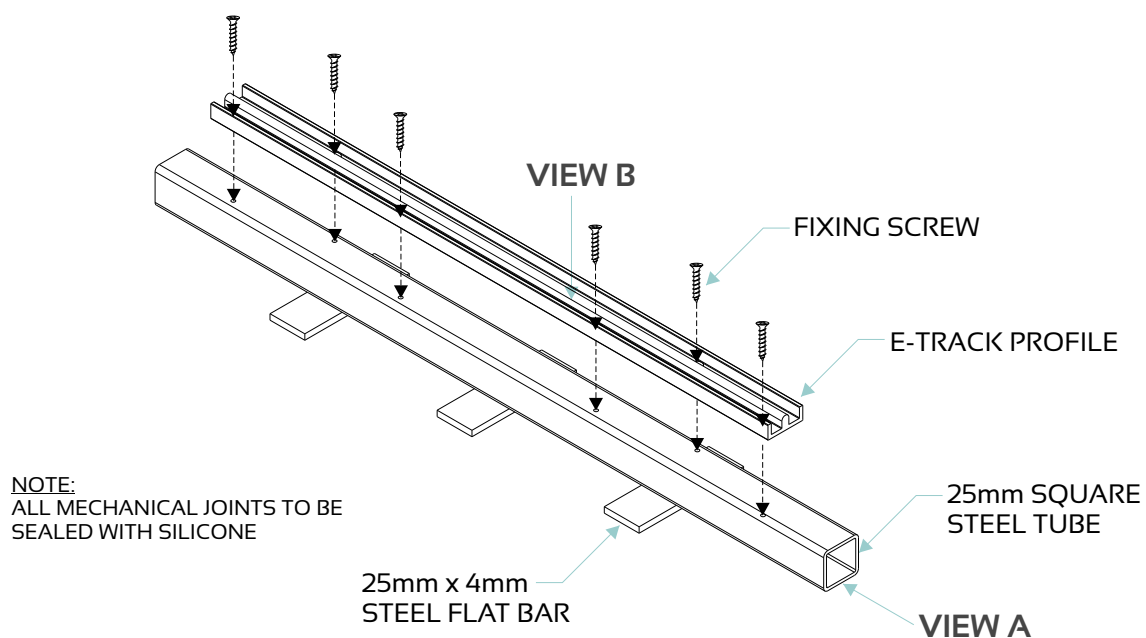


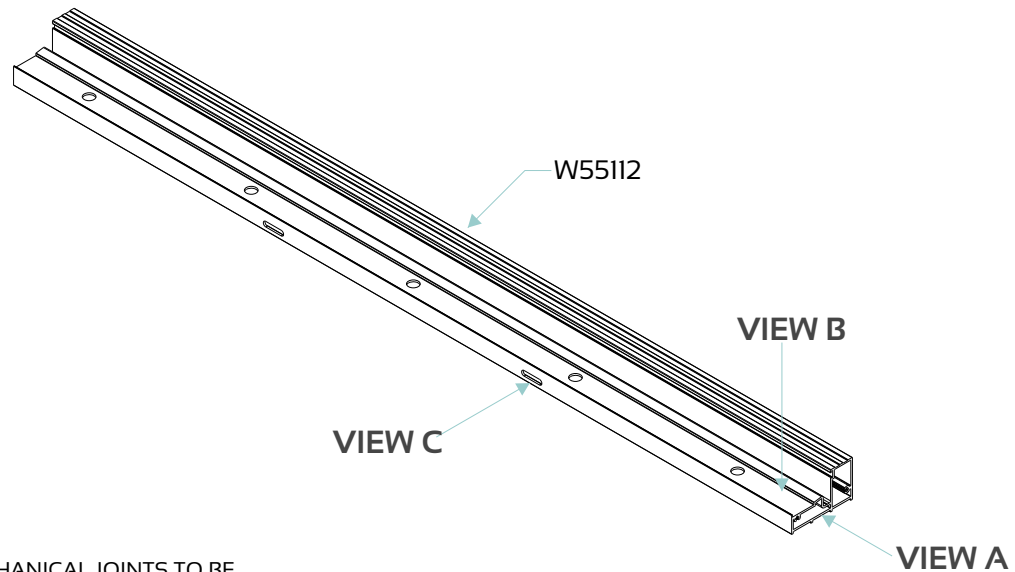


NOTE:
ALL MECHANICAL JOINTS TO BE
SEALED WITH SILICONE

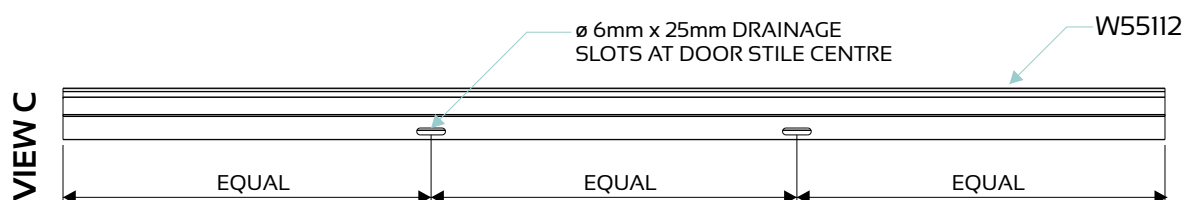
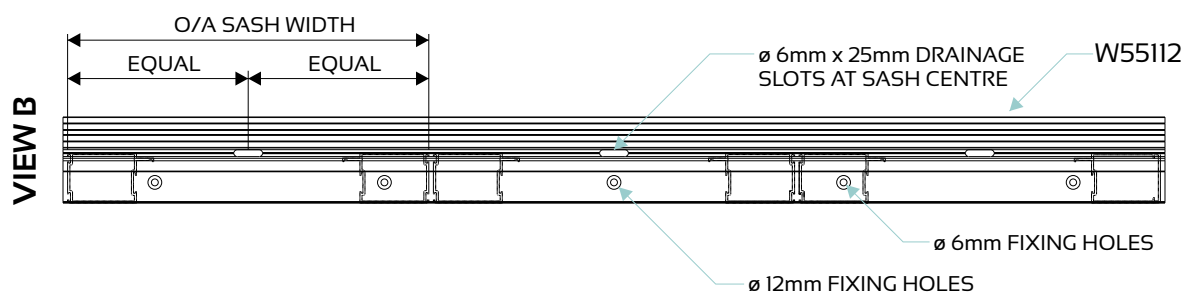
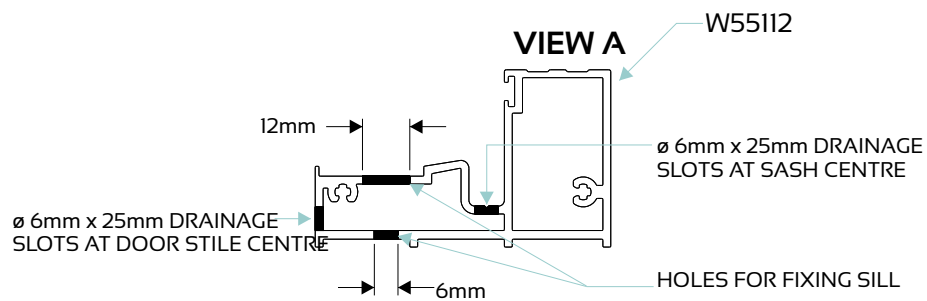


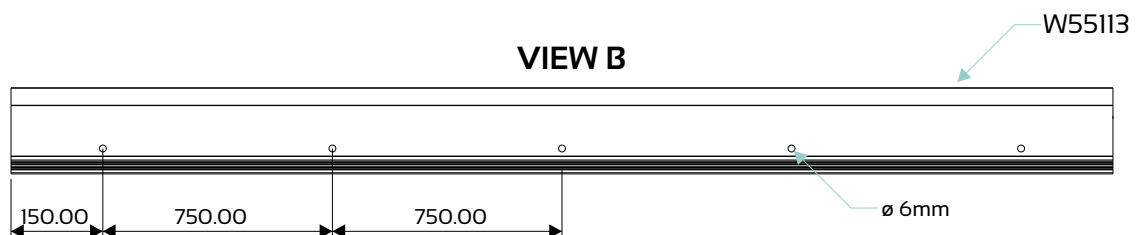
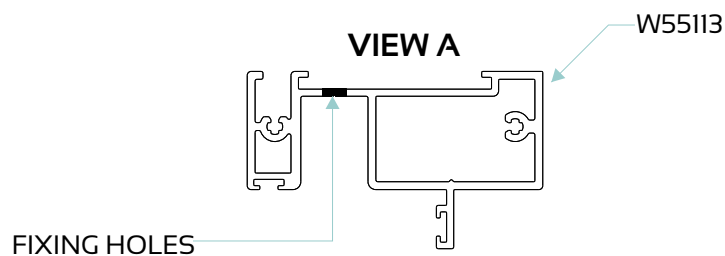
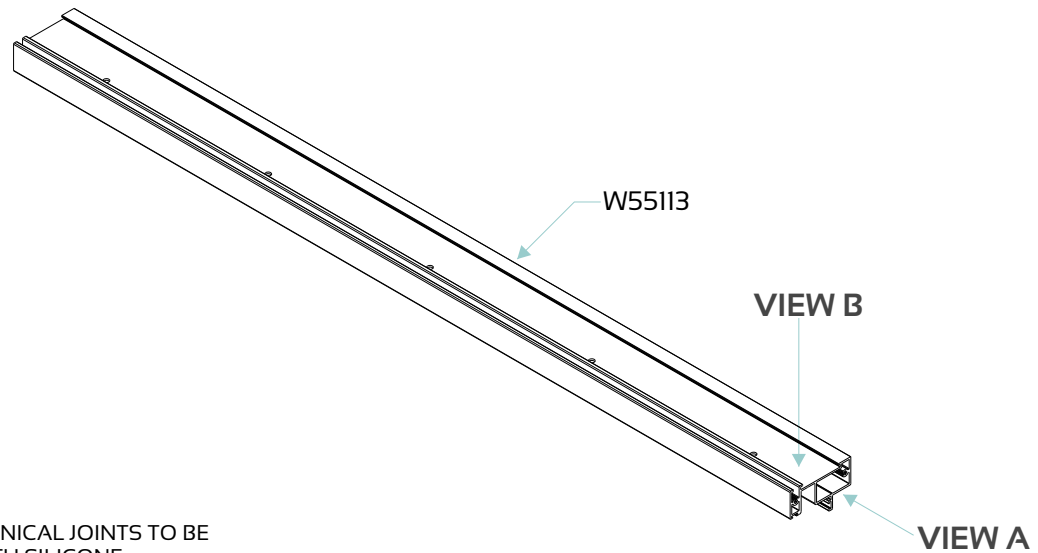


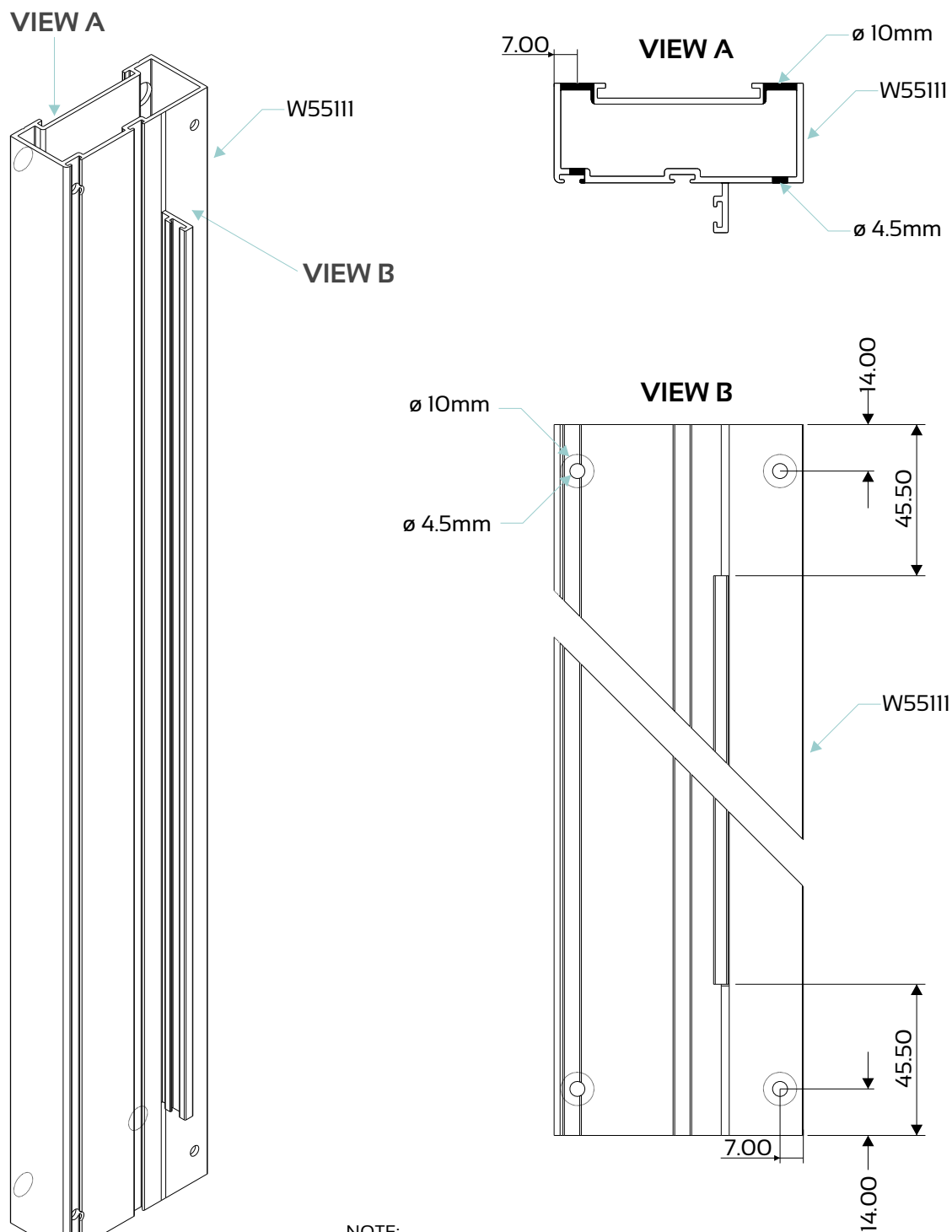




NOTE:
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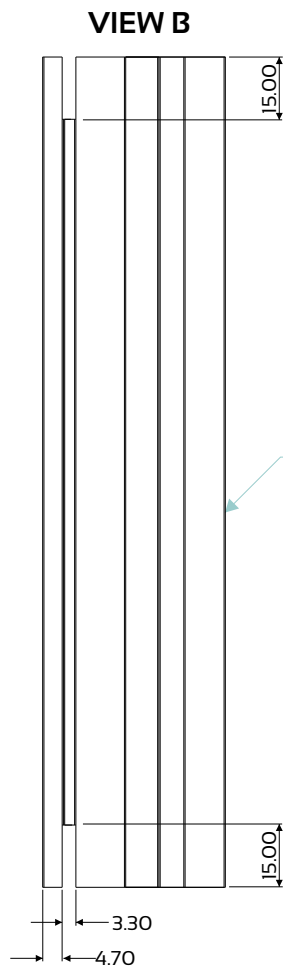
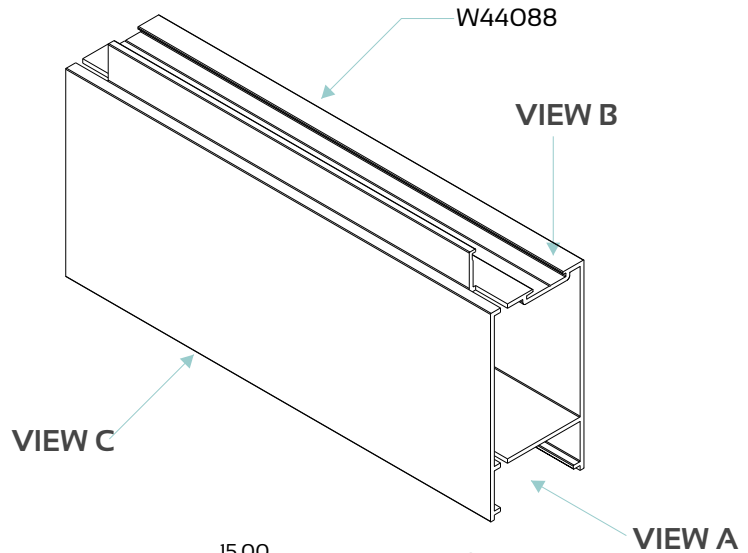
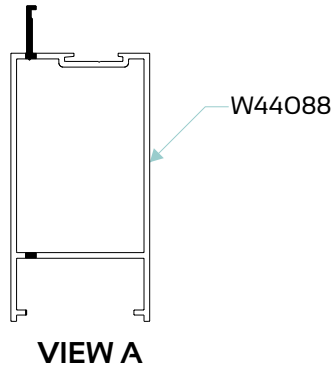




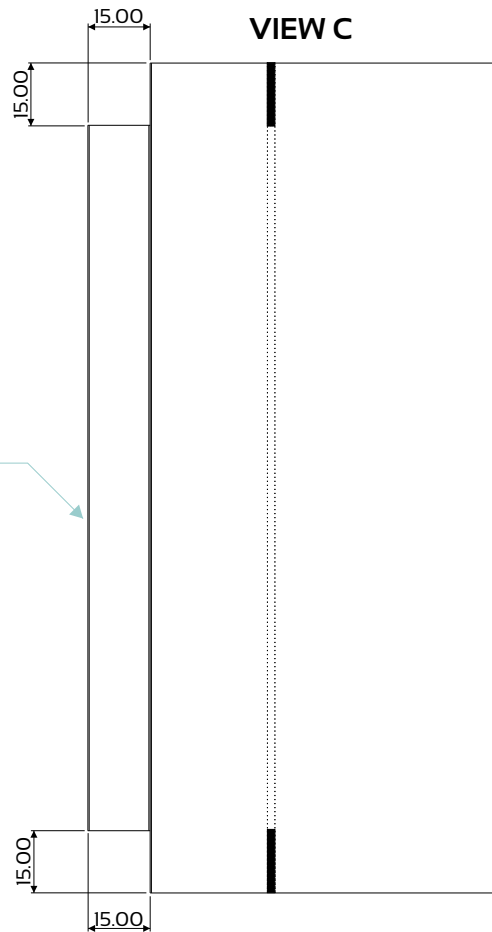


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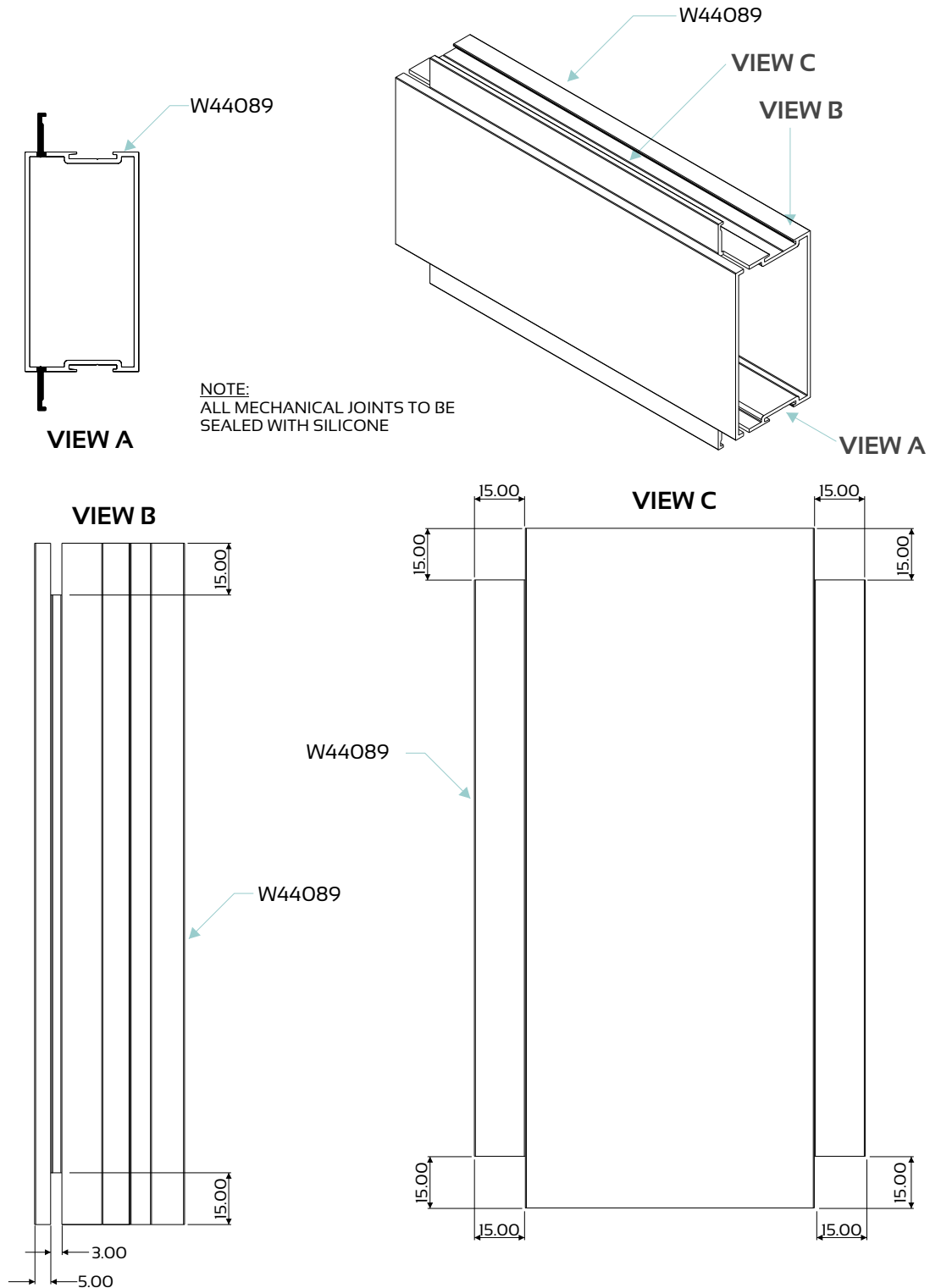
W44088

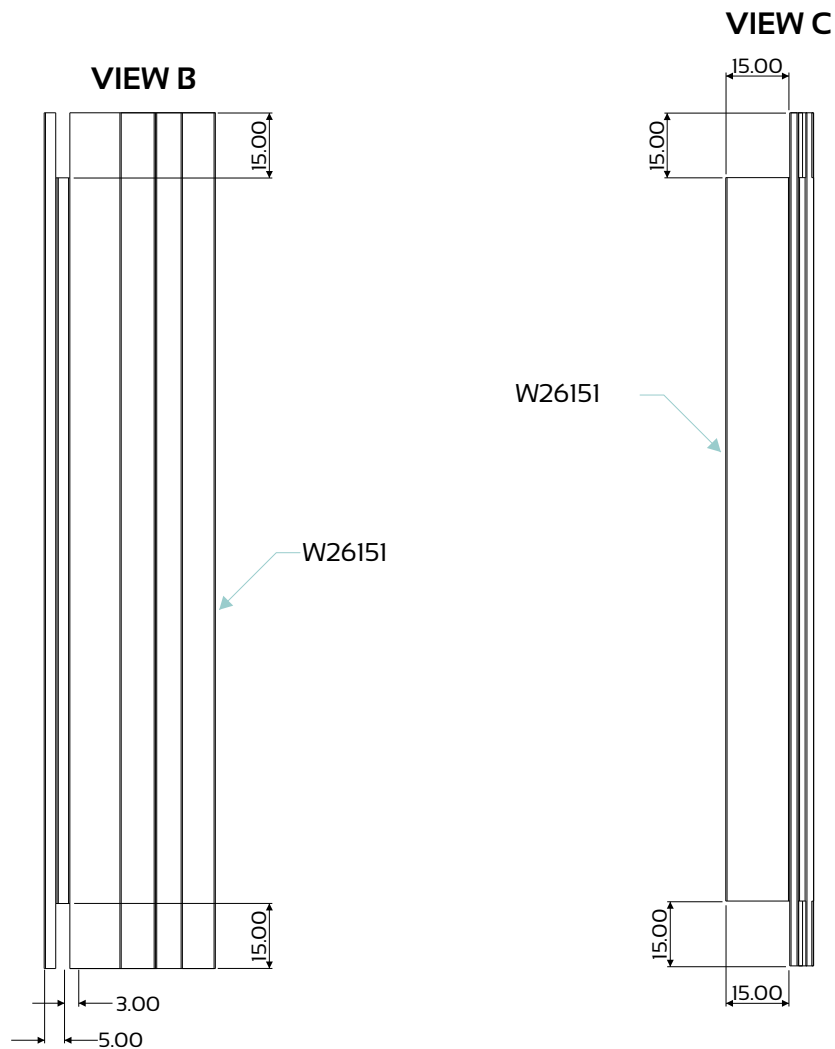
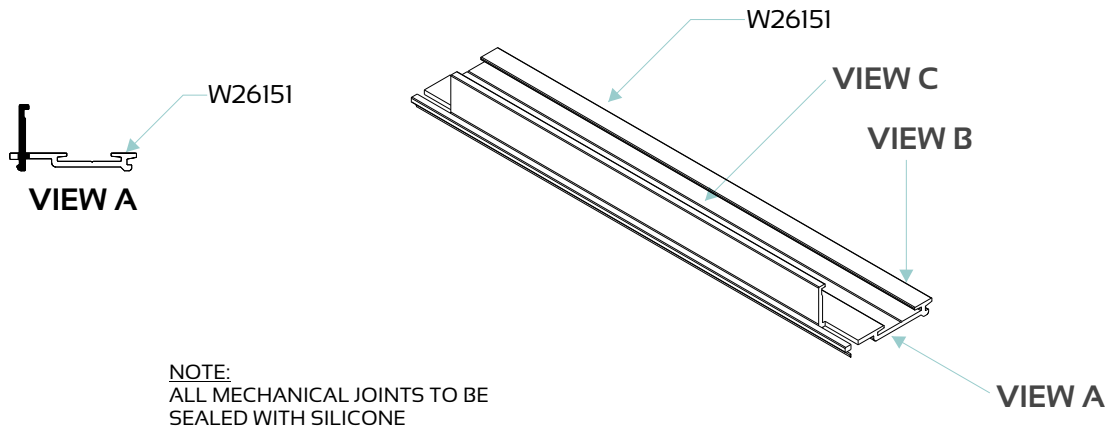


TYPICAL DETAIL FOR ALL SILLS

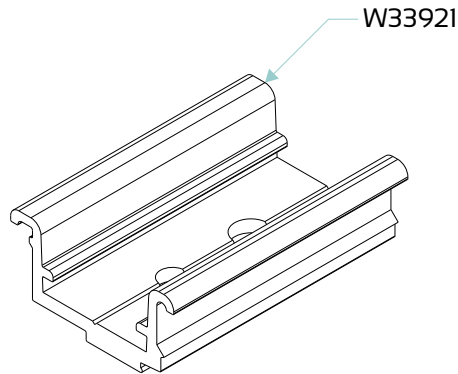
Machining Detail

Midrail To Suit All Combinations

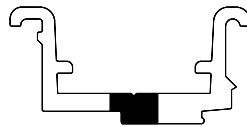
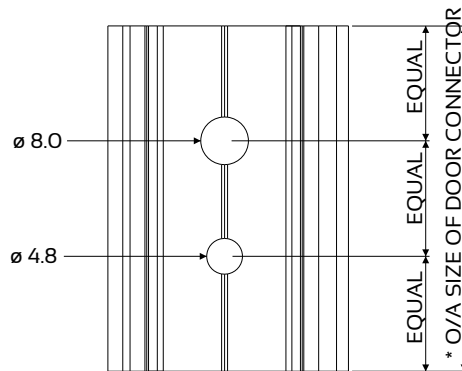




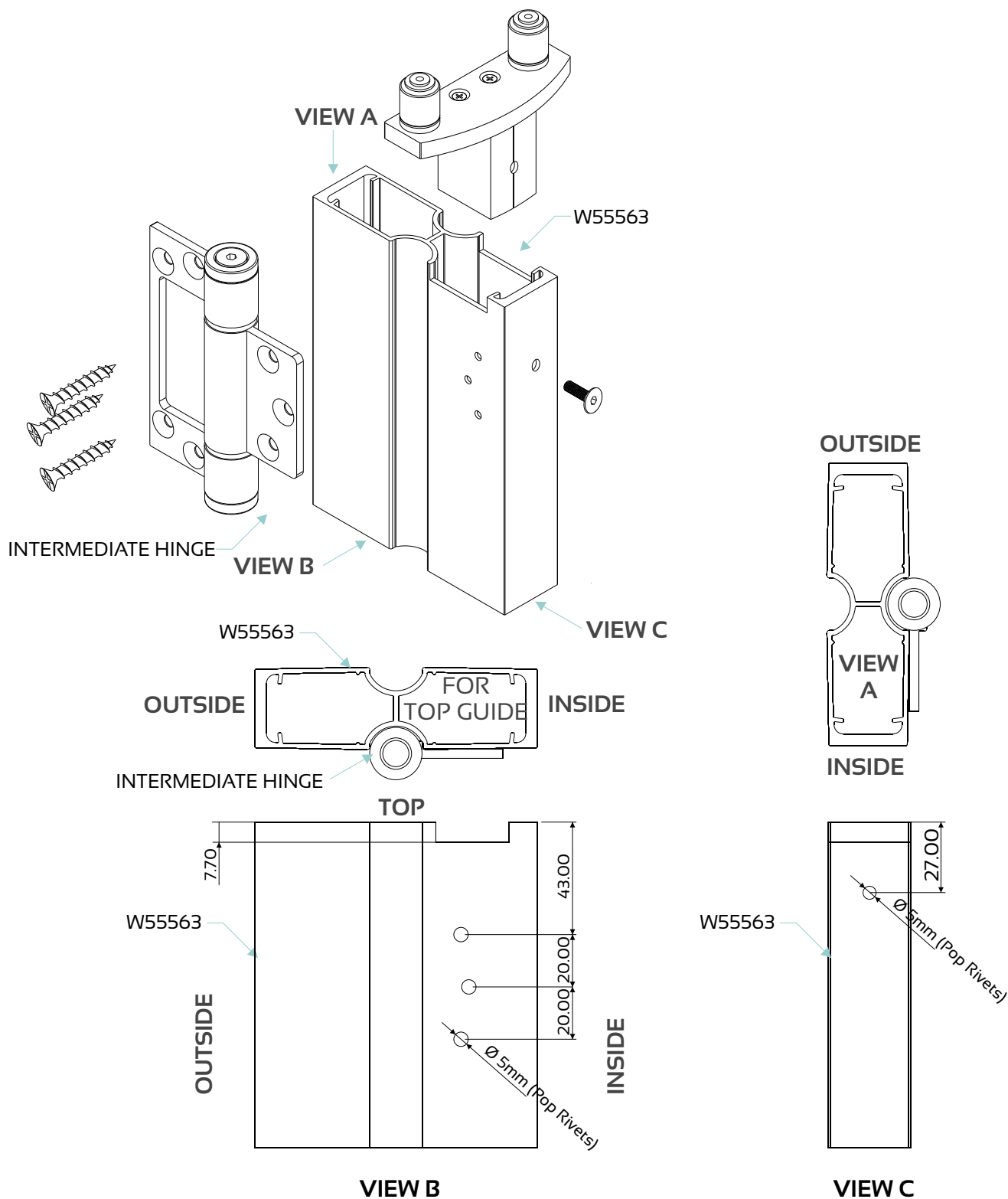
To Suit all Spigot Head and Sill Combinations

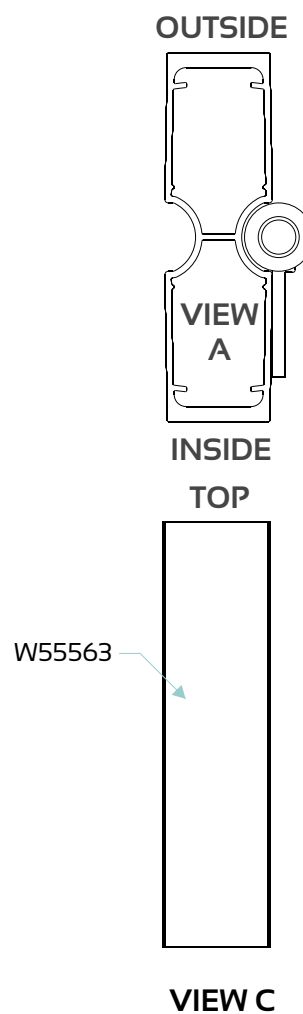
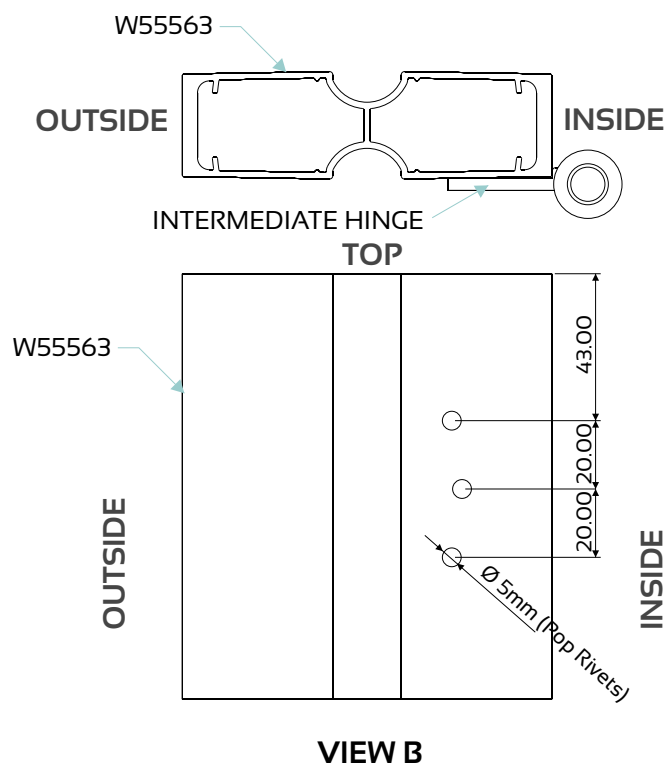


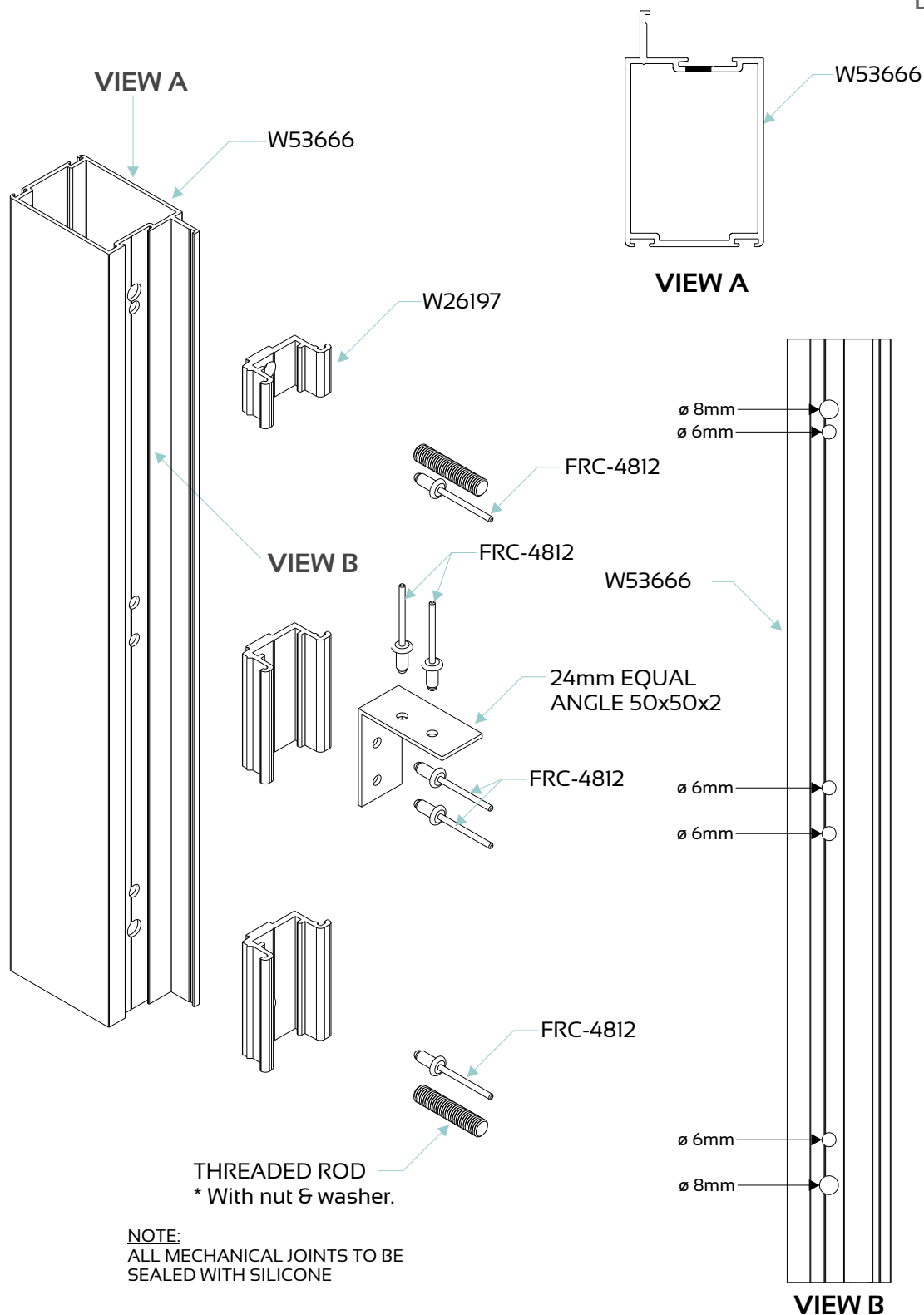
NOTE:
ALL MECHANICAL JOINTS TO BE
SEALED WITH SILICONE

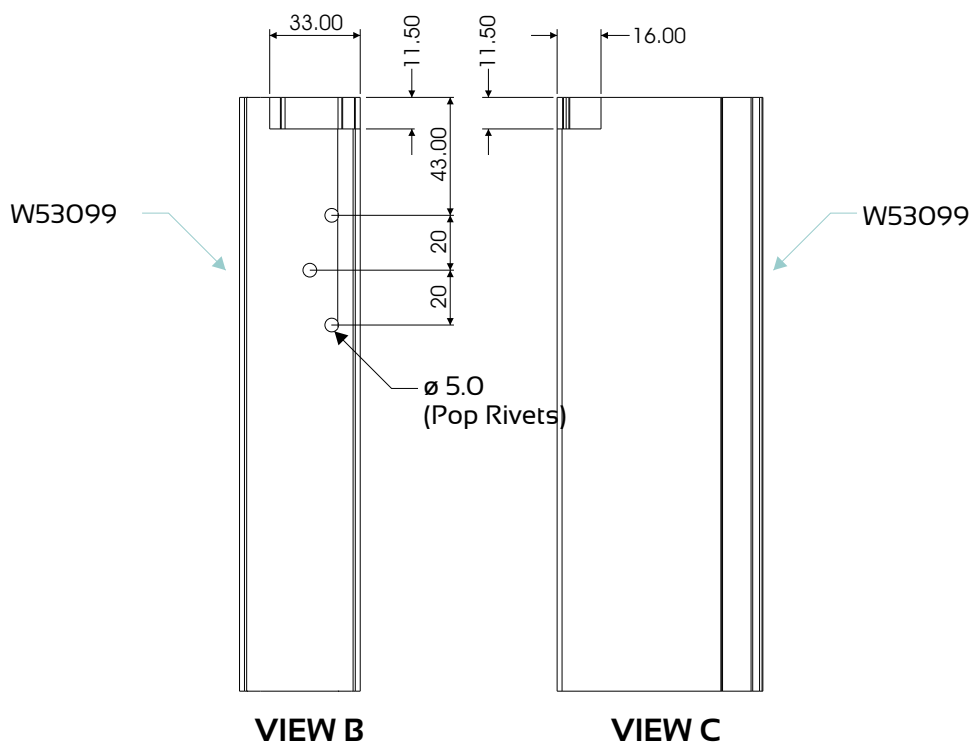
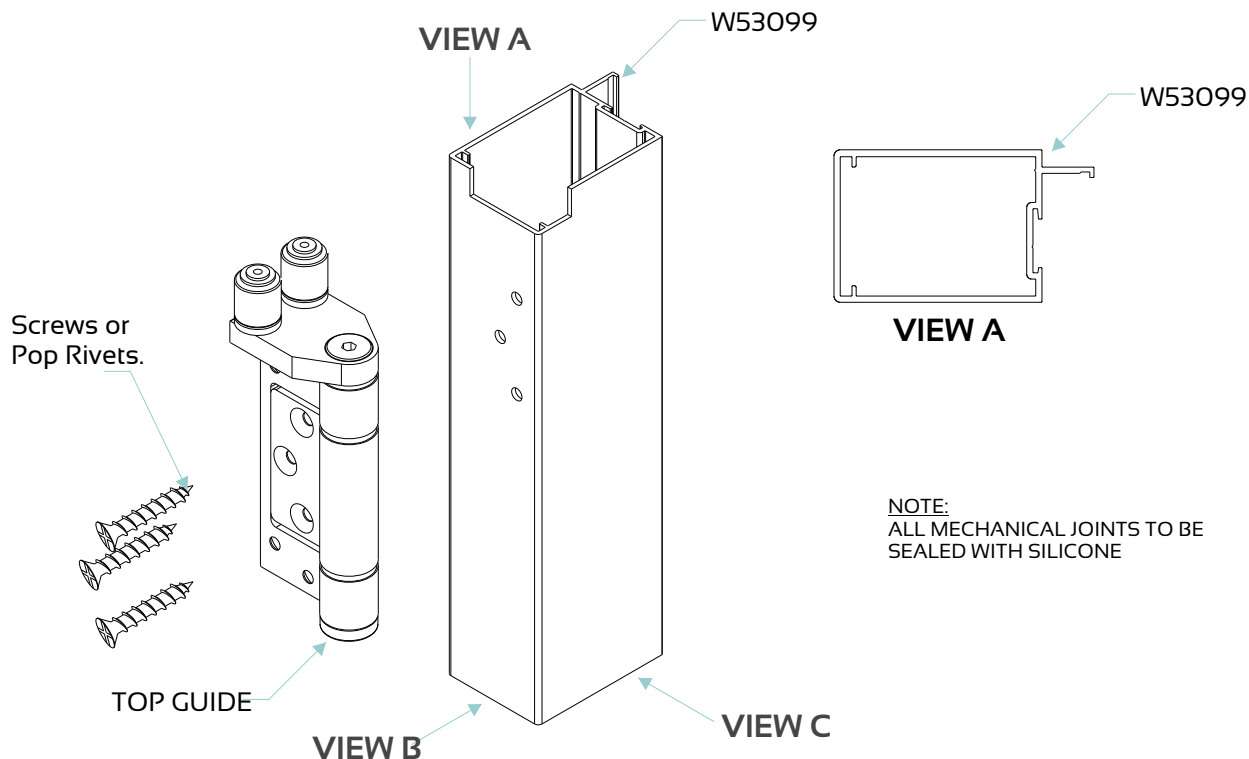


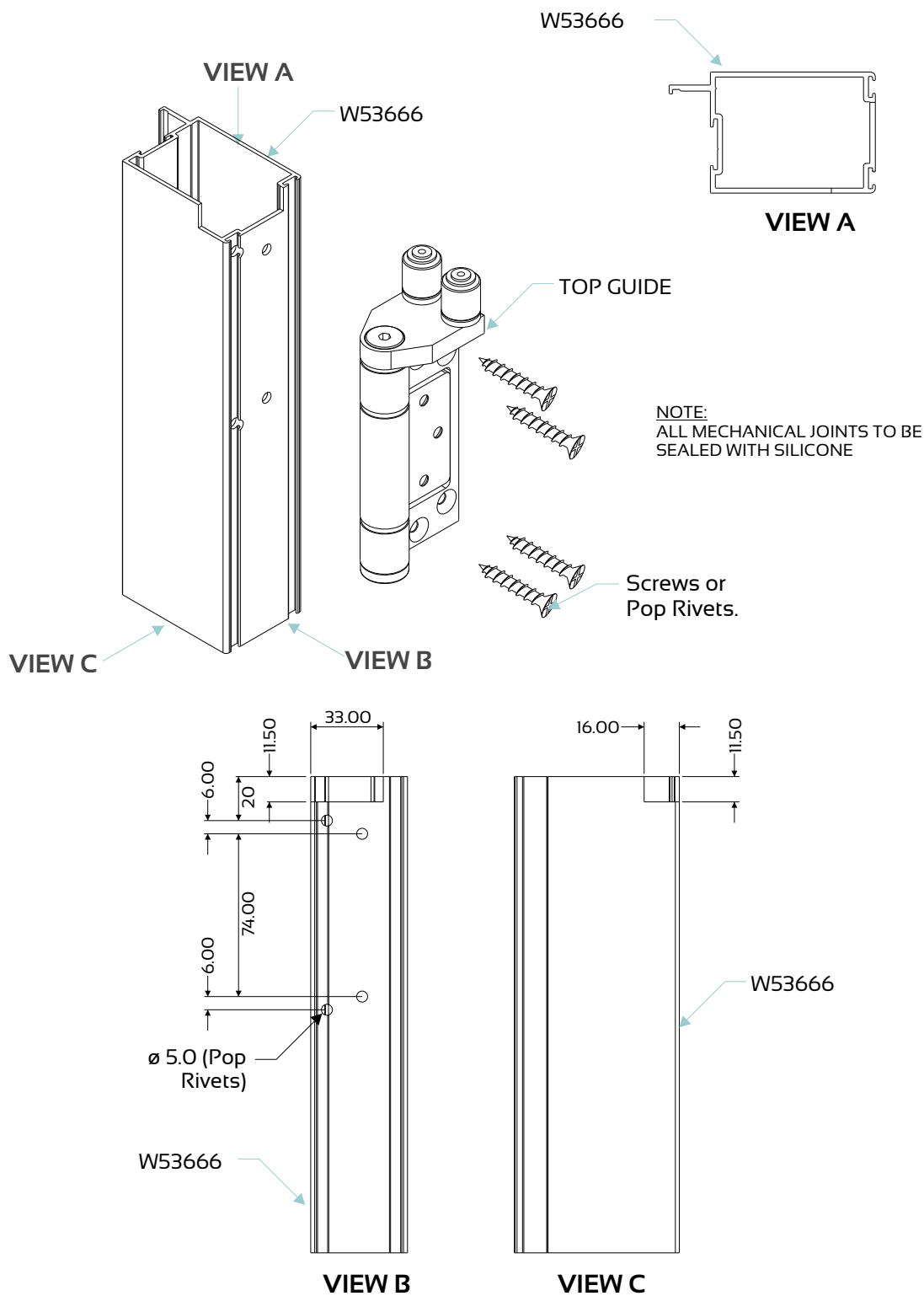
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R4 = LGS-DS-58.3
R5 = LGS-DS-122.9
R6 = LGS-DS-98.3

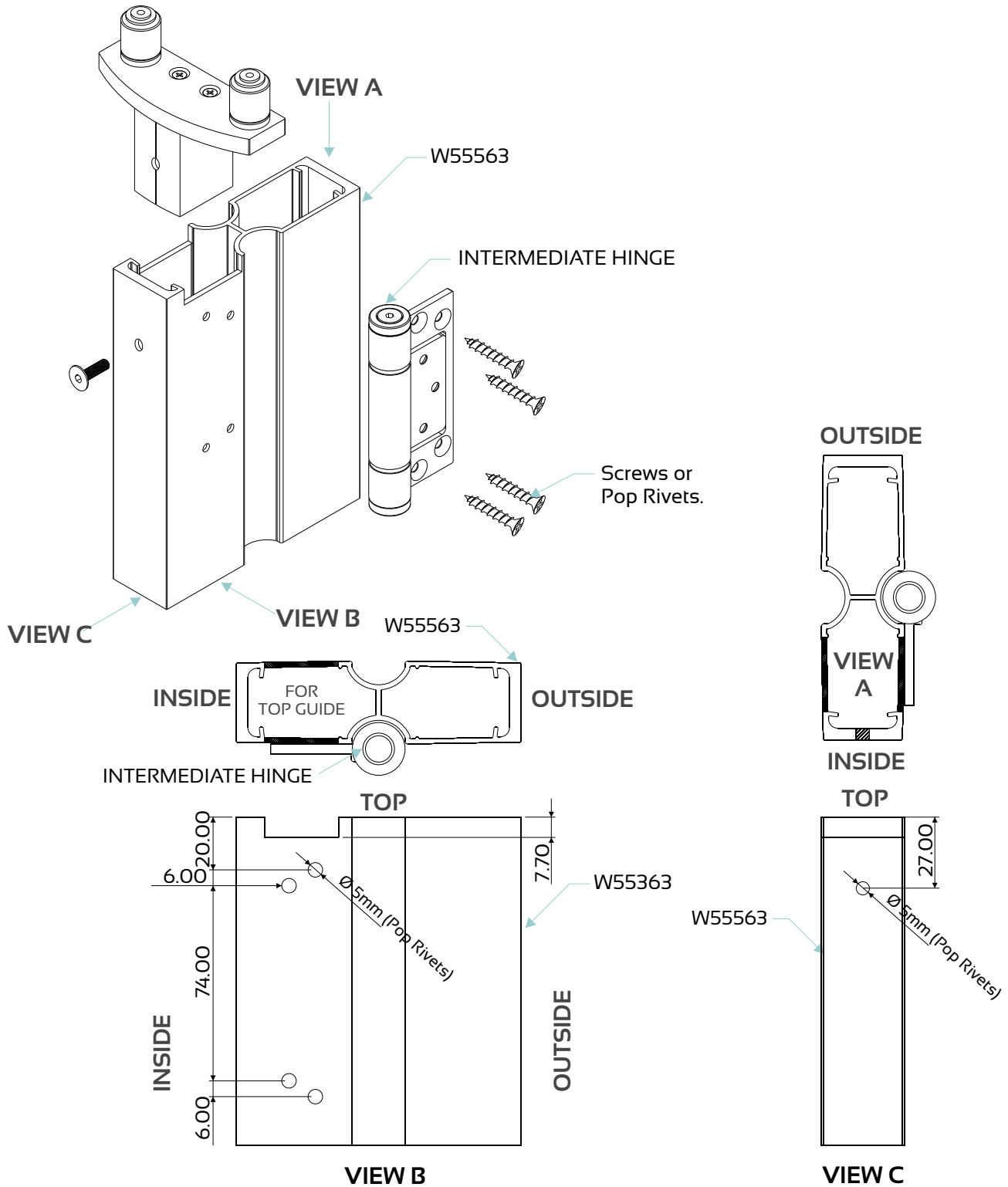




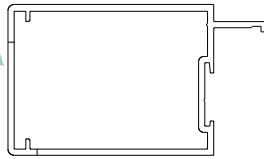








W53099

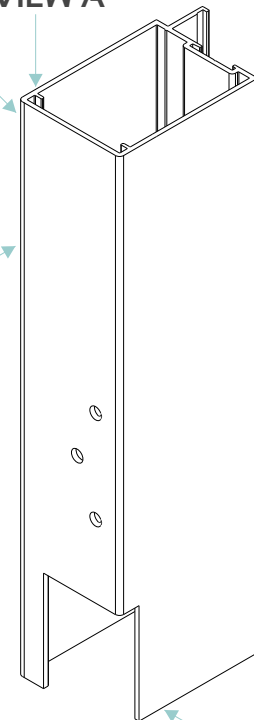


VIEW A

NOTE:
ALL MECHANICAL JOINTS TO BE
SEALED WITH SILICONE

VIEW A

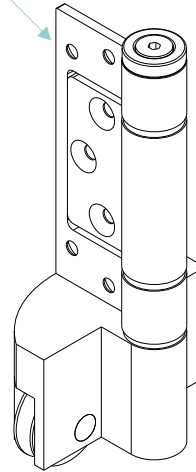
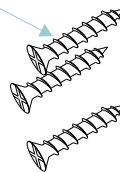
W53099



VIEW B

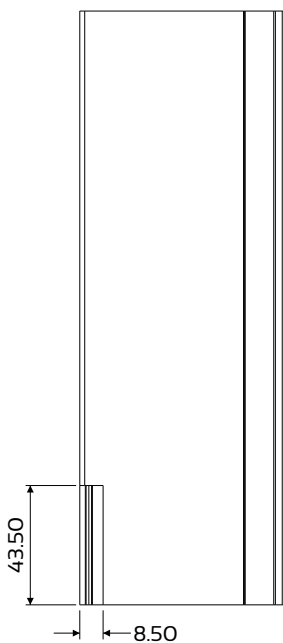
BOTTOM ROLLER

Screws or
Pop Rivets.

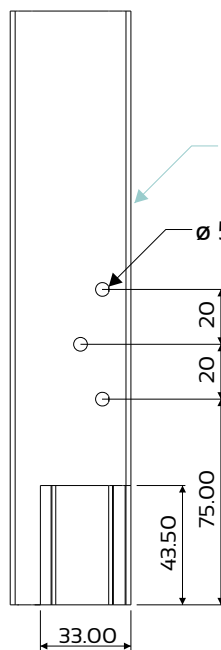


VIEW C

VIEW C

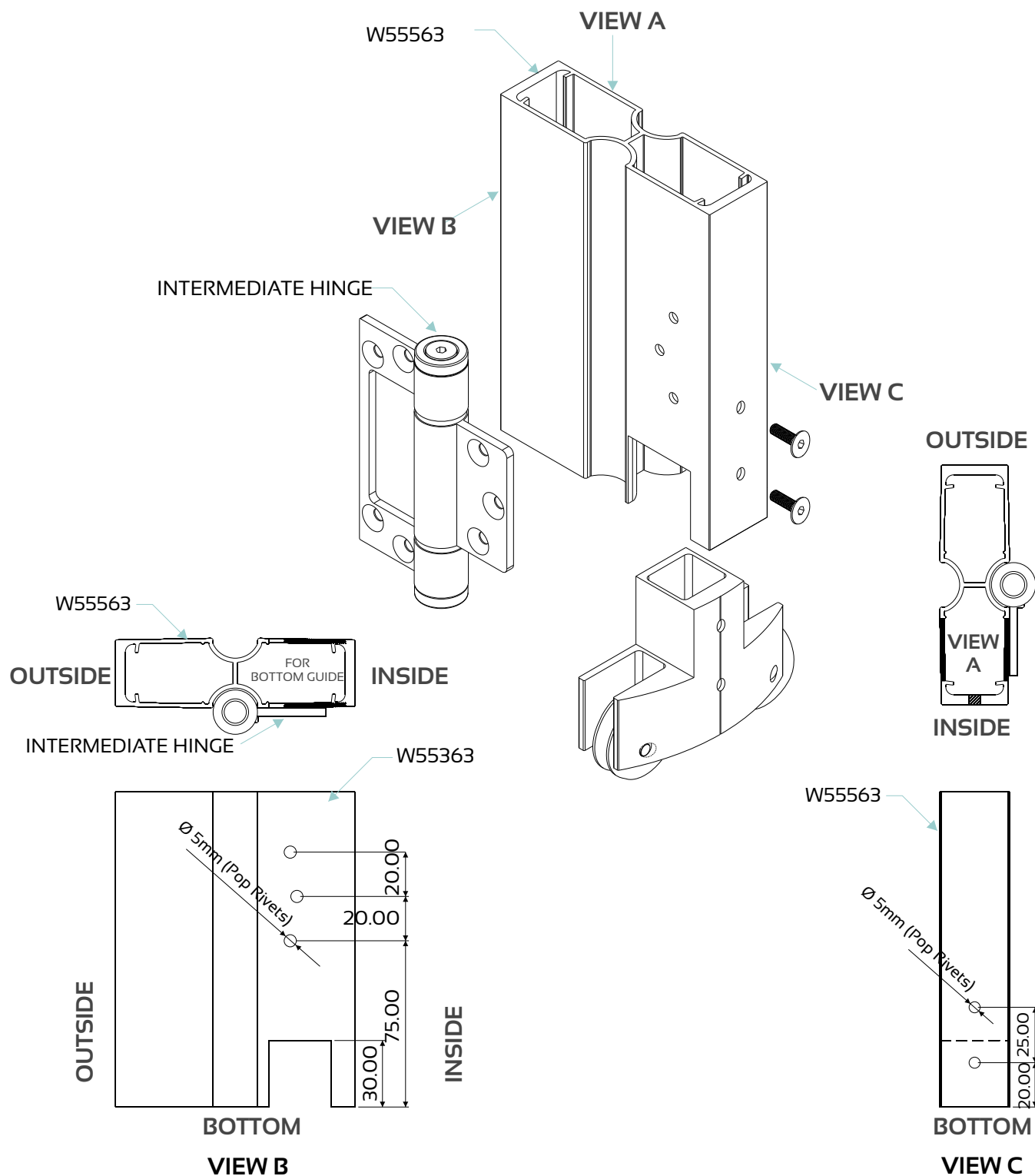


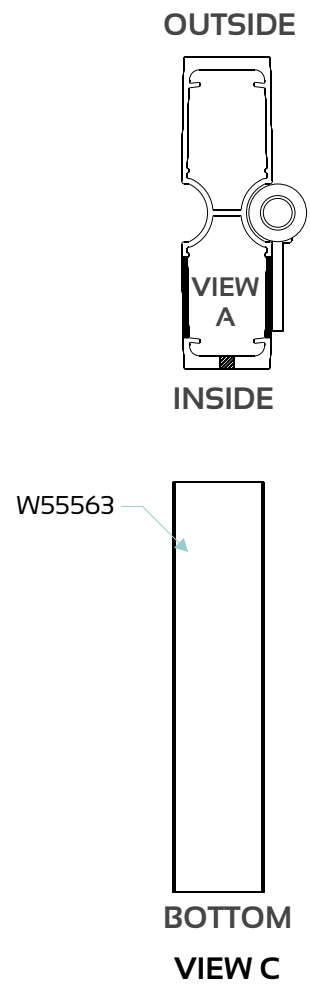
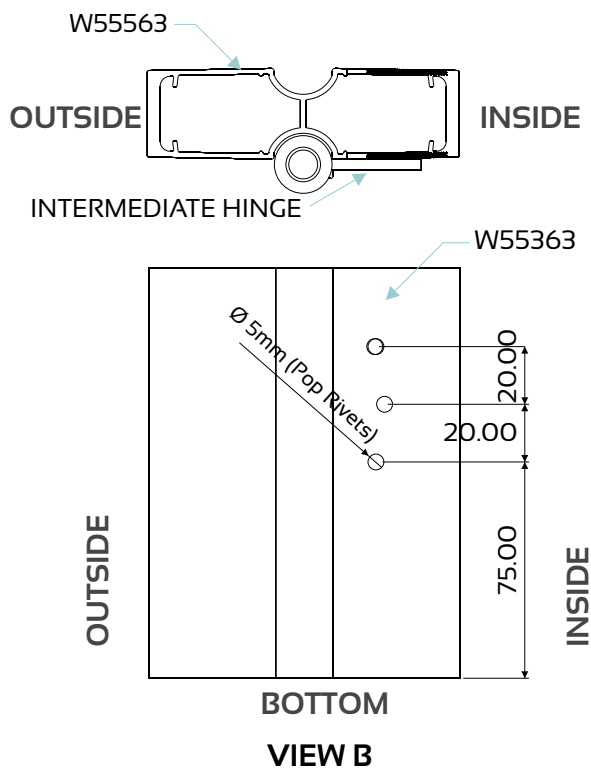
VIEW B

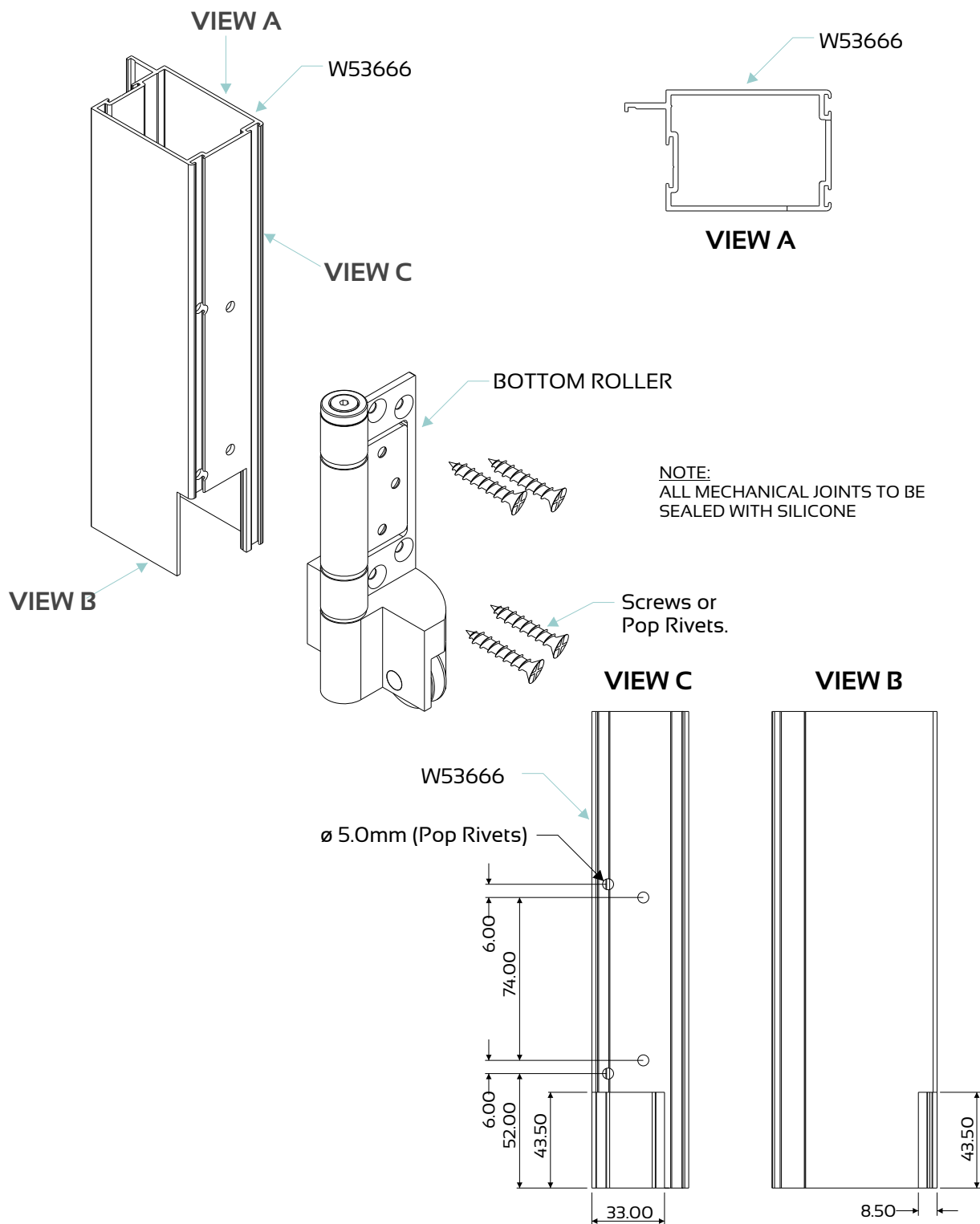


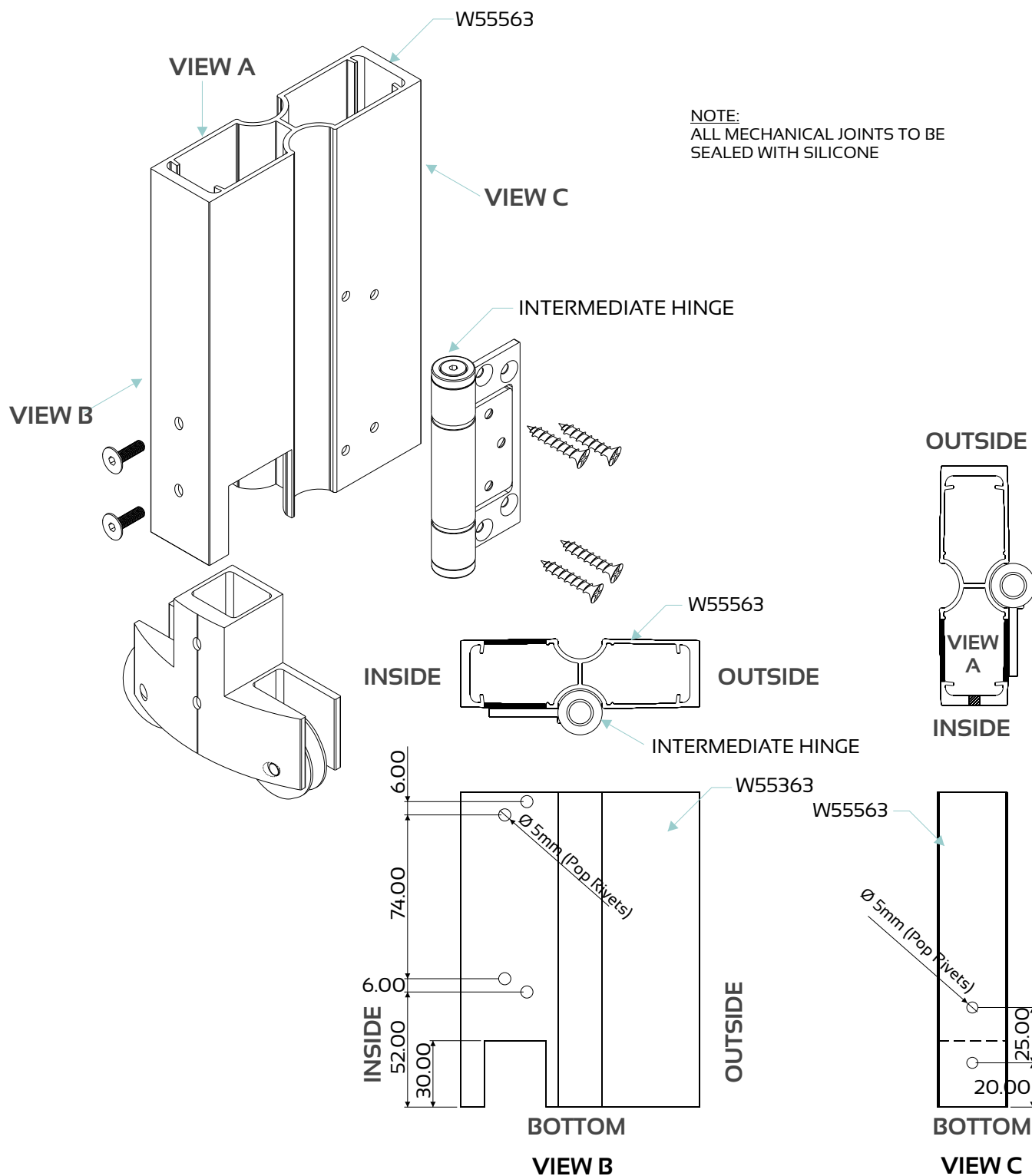
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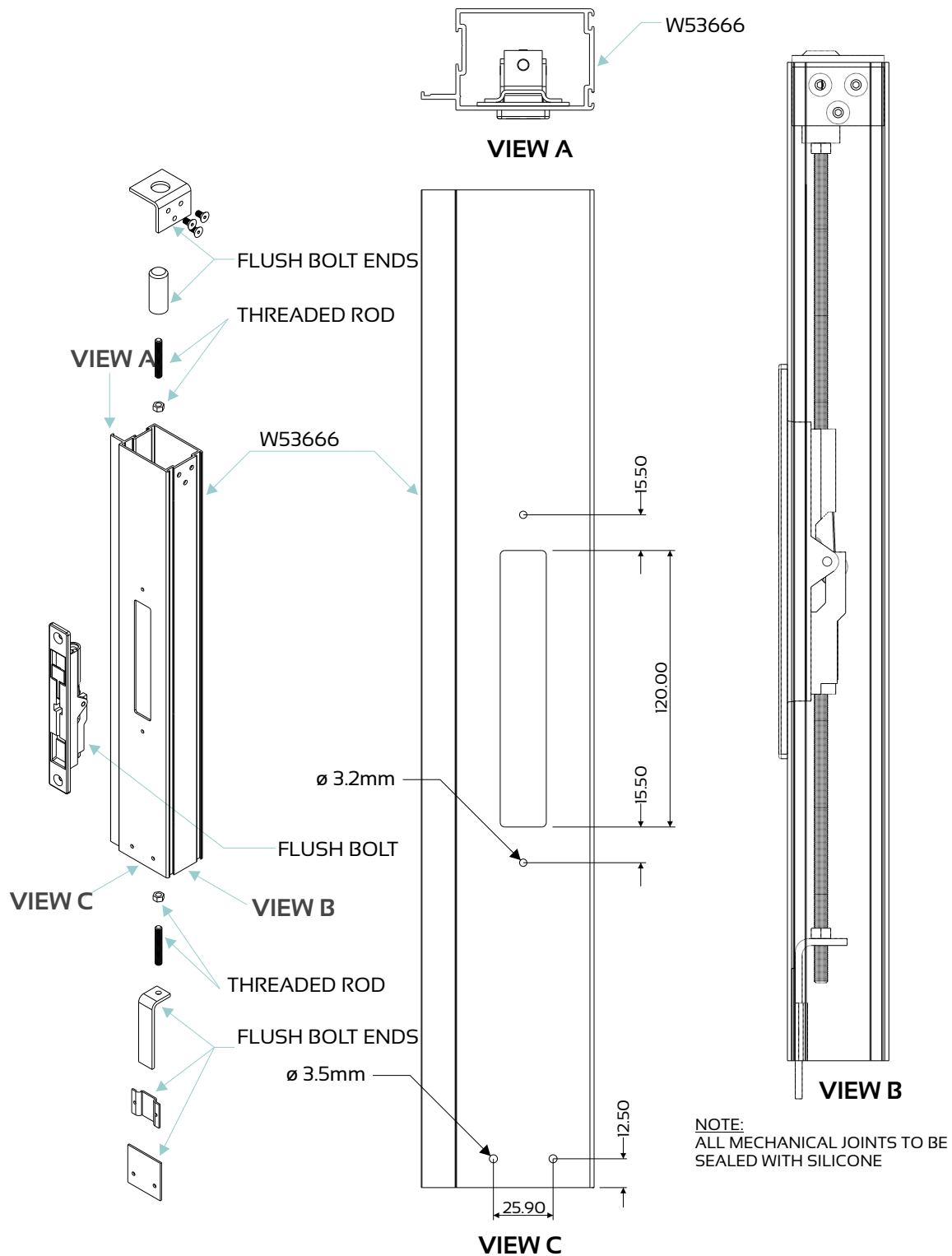
Ø 5.0mm (Pop Rivet)





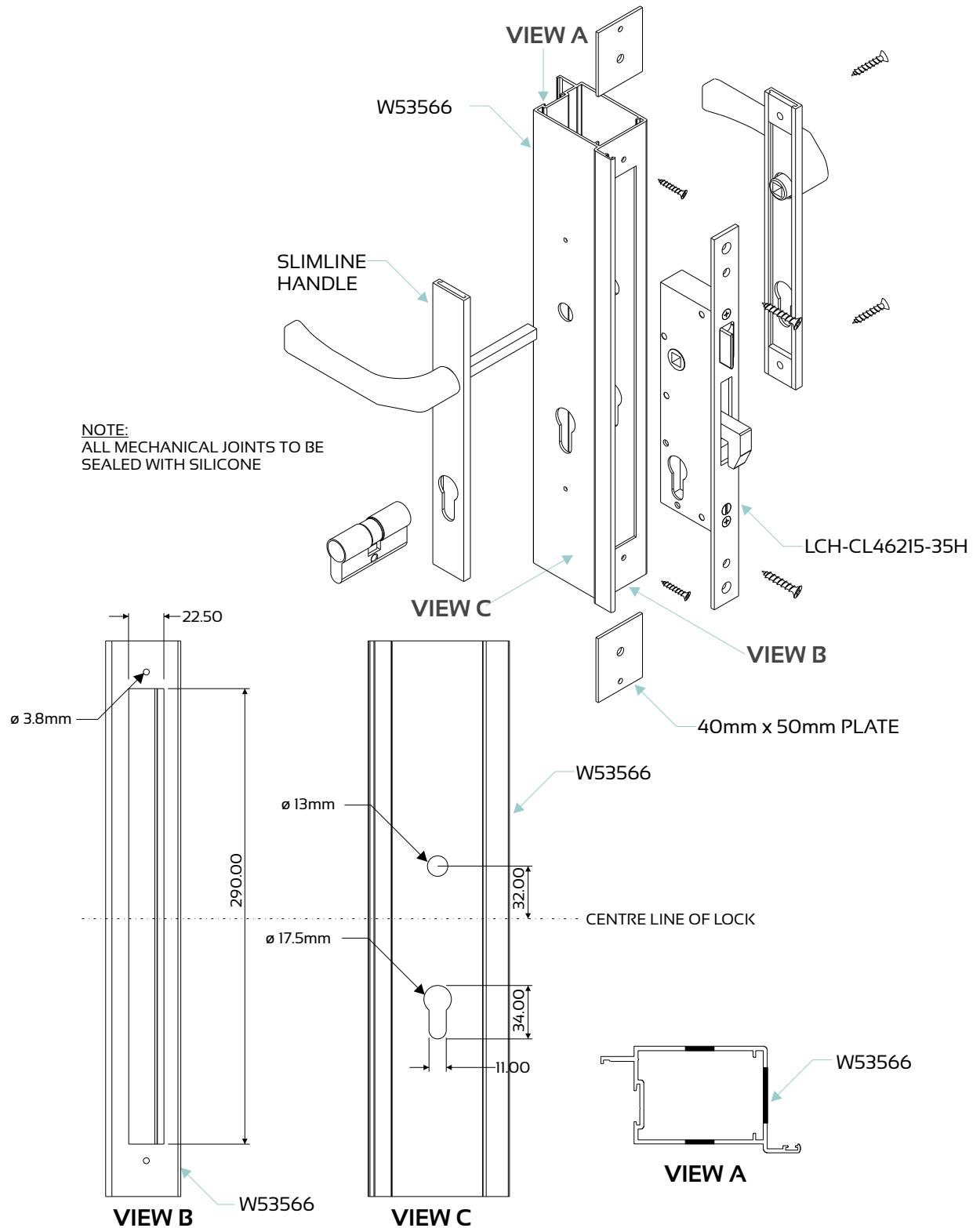


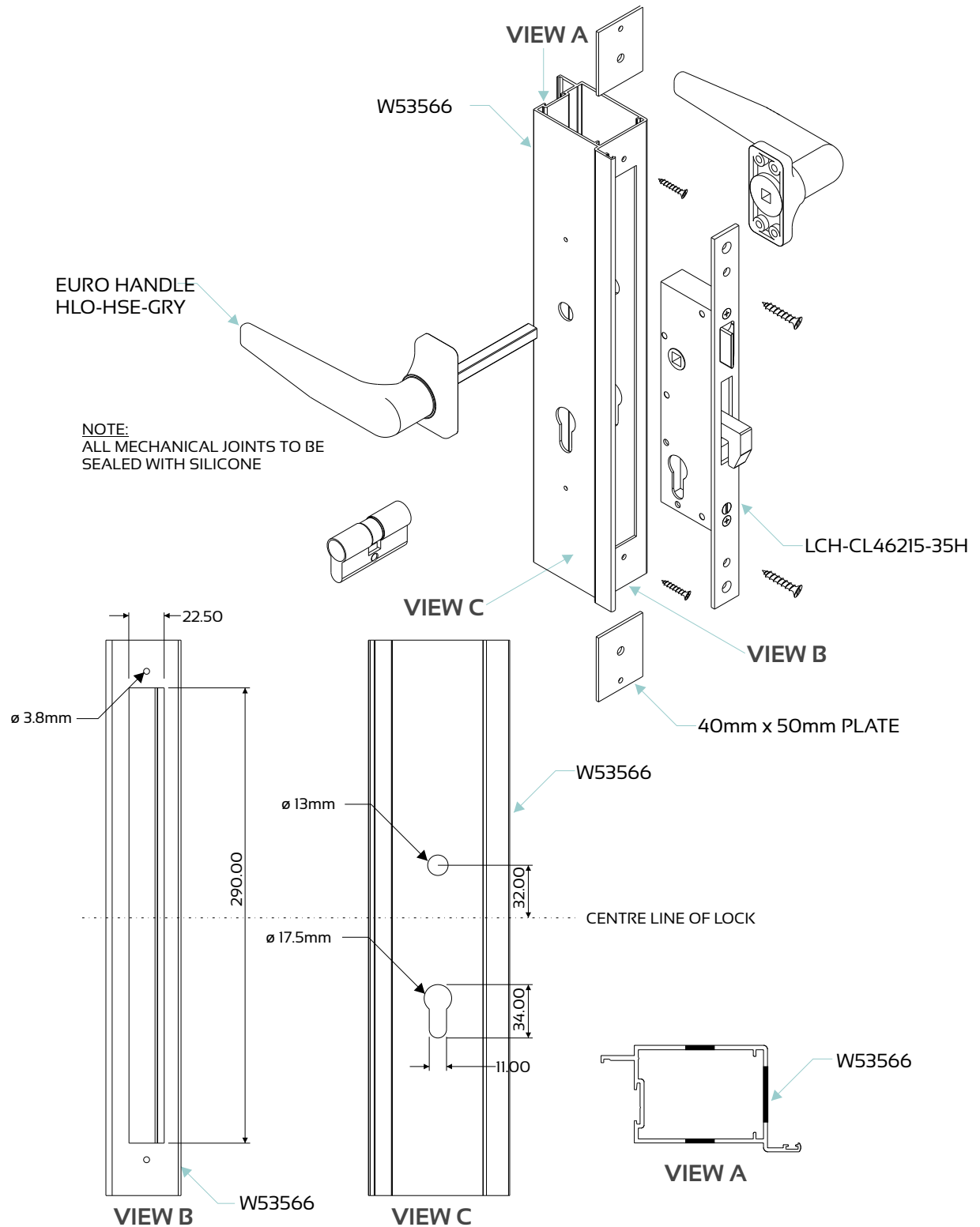


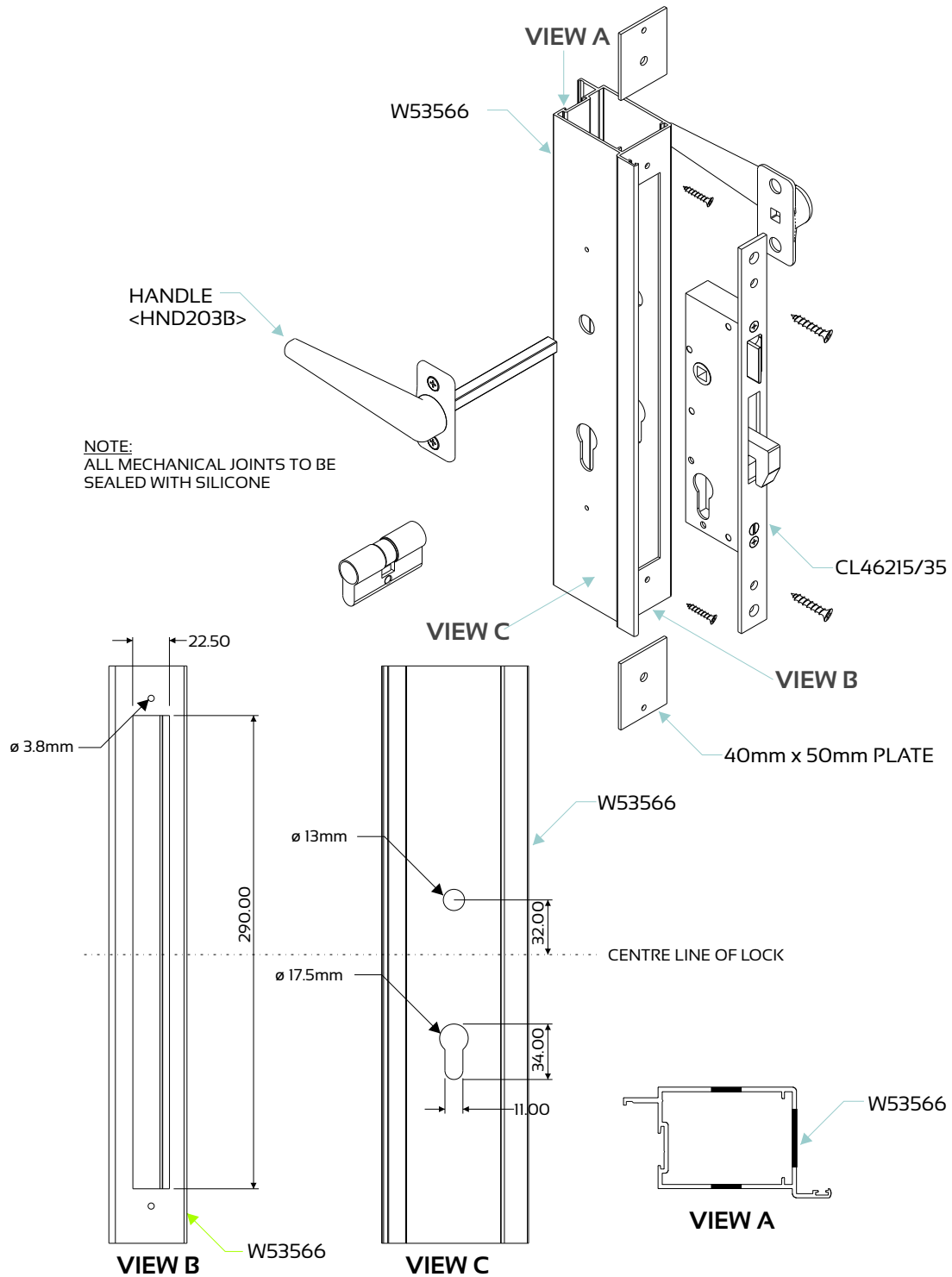


Machining Detail

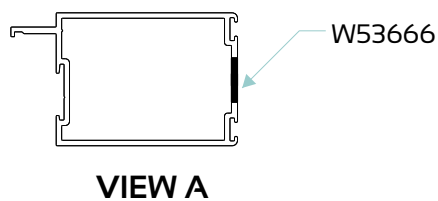
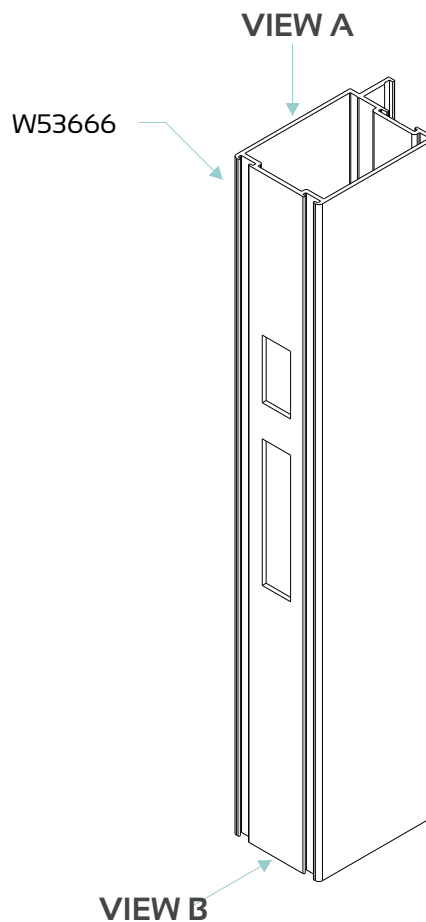
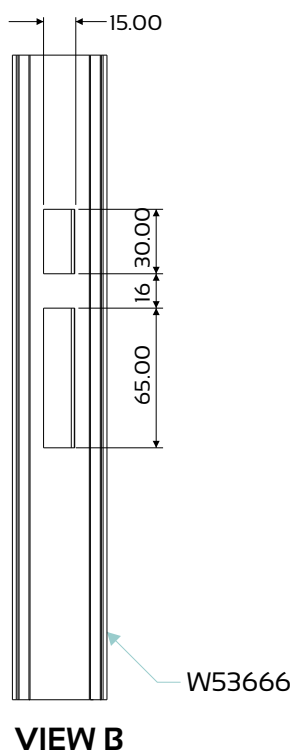
Slimline Handle And Lock

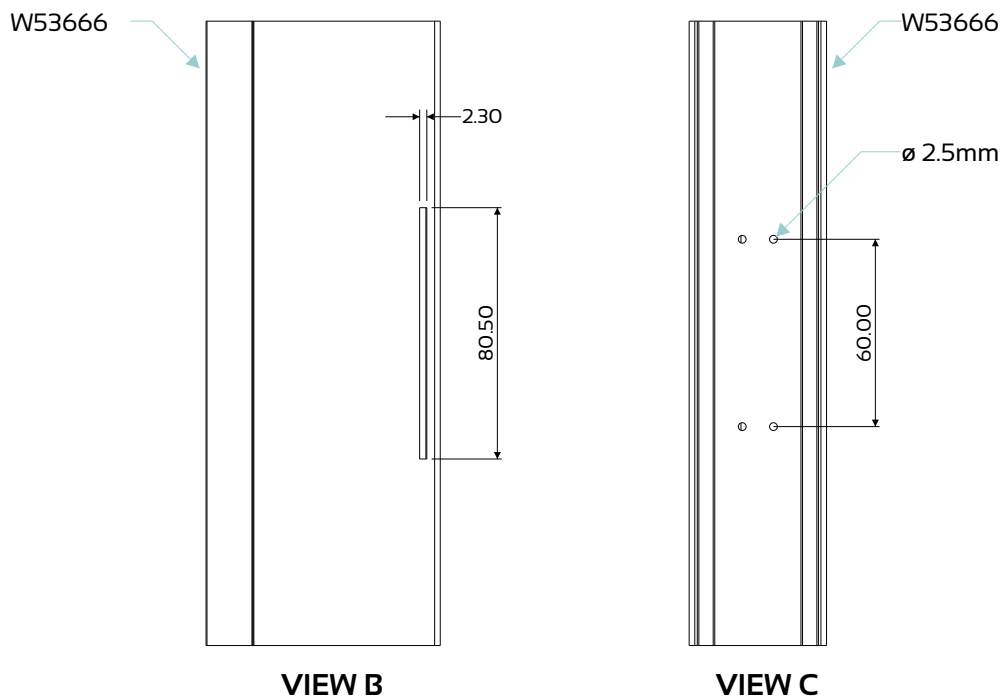
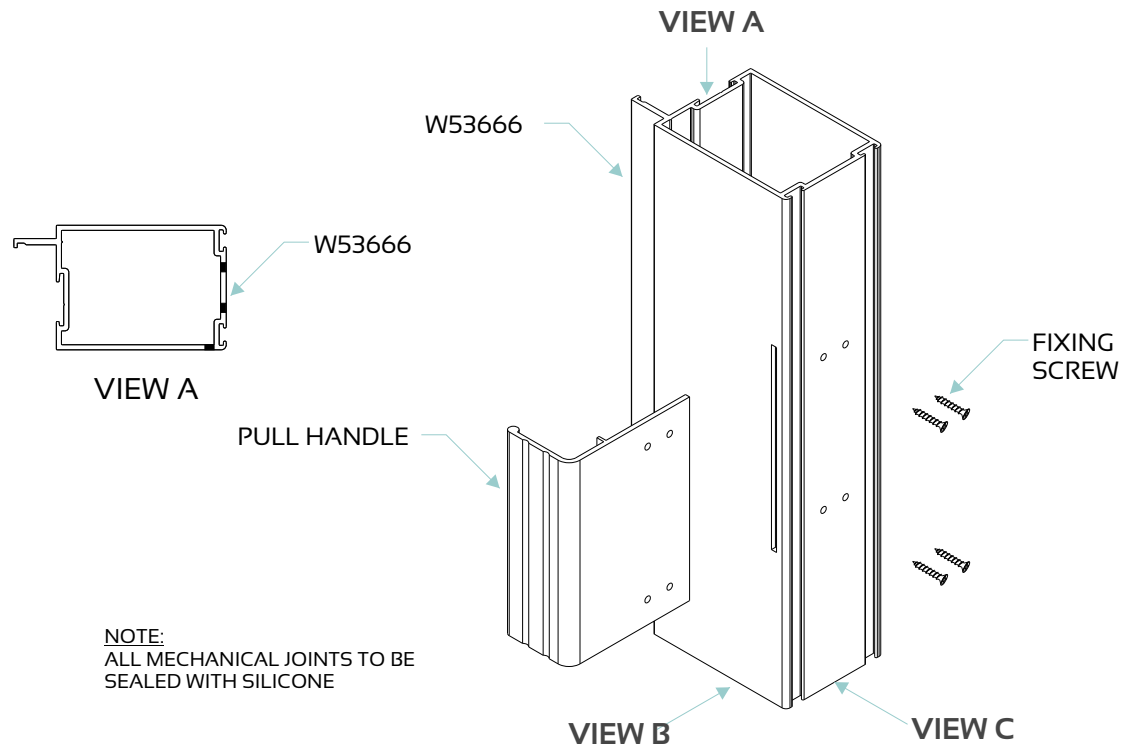






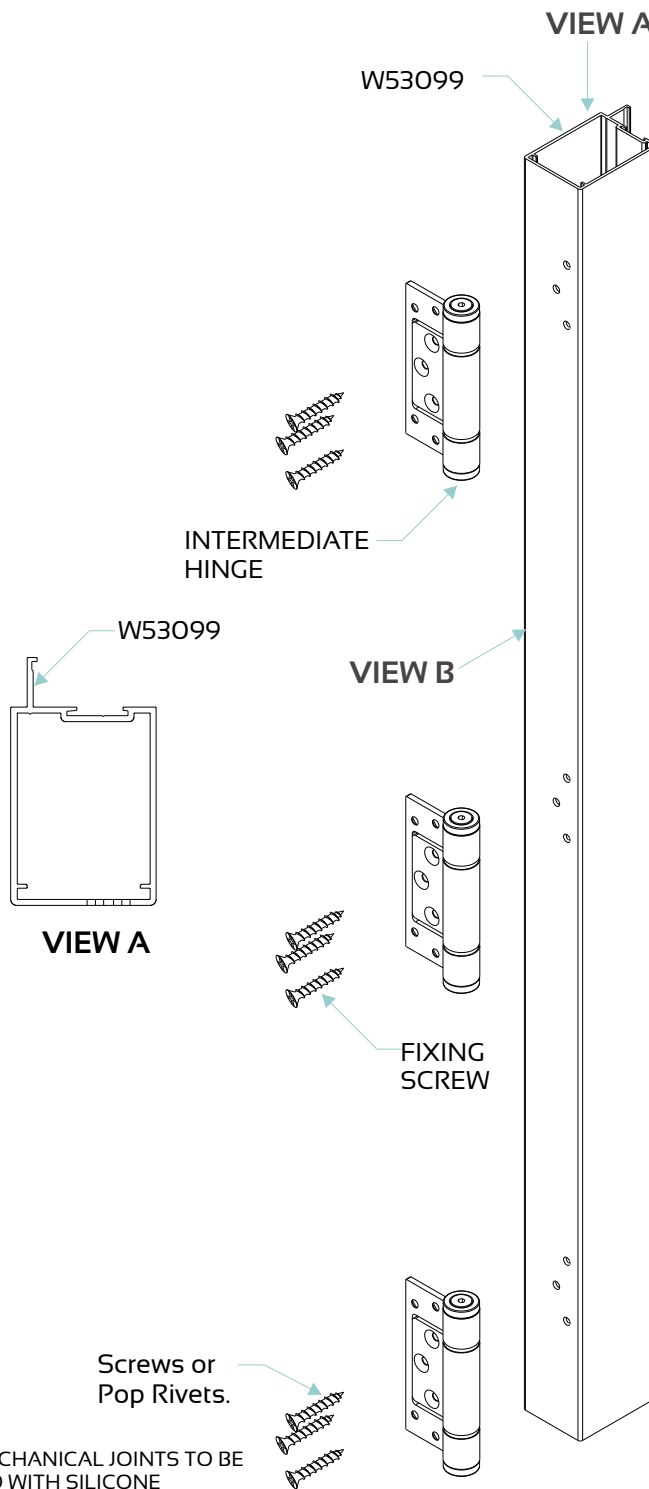
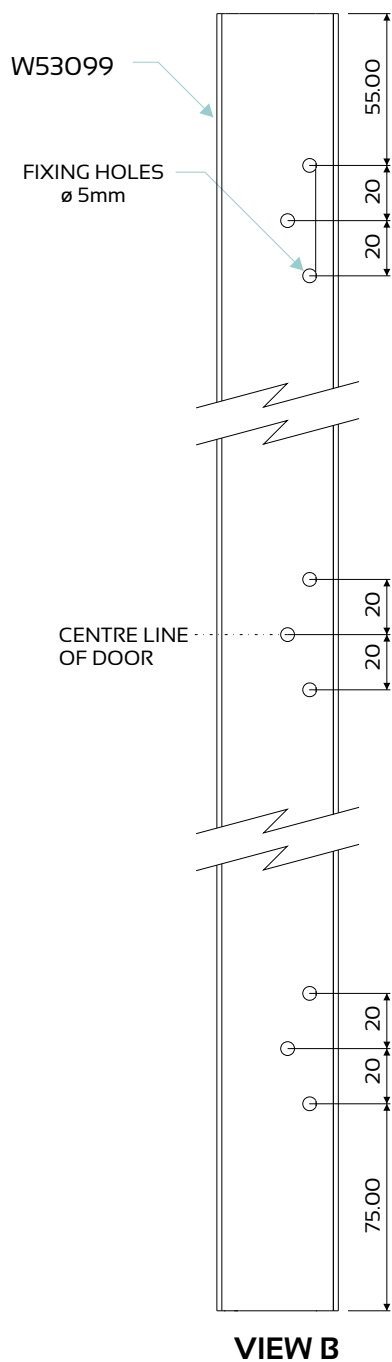
NOTE:
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SEALED WITH SILICONE

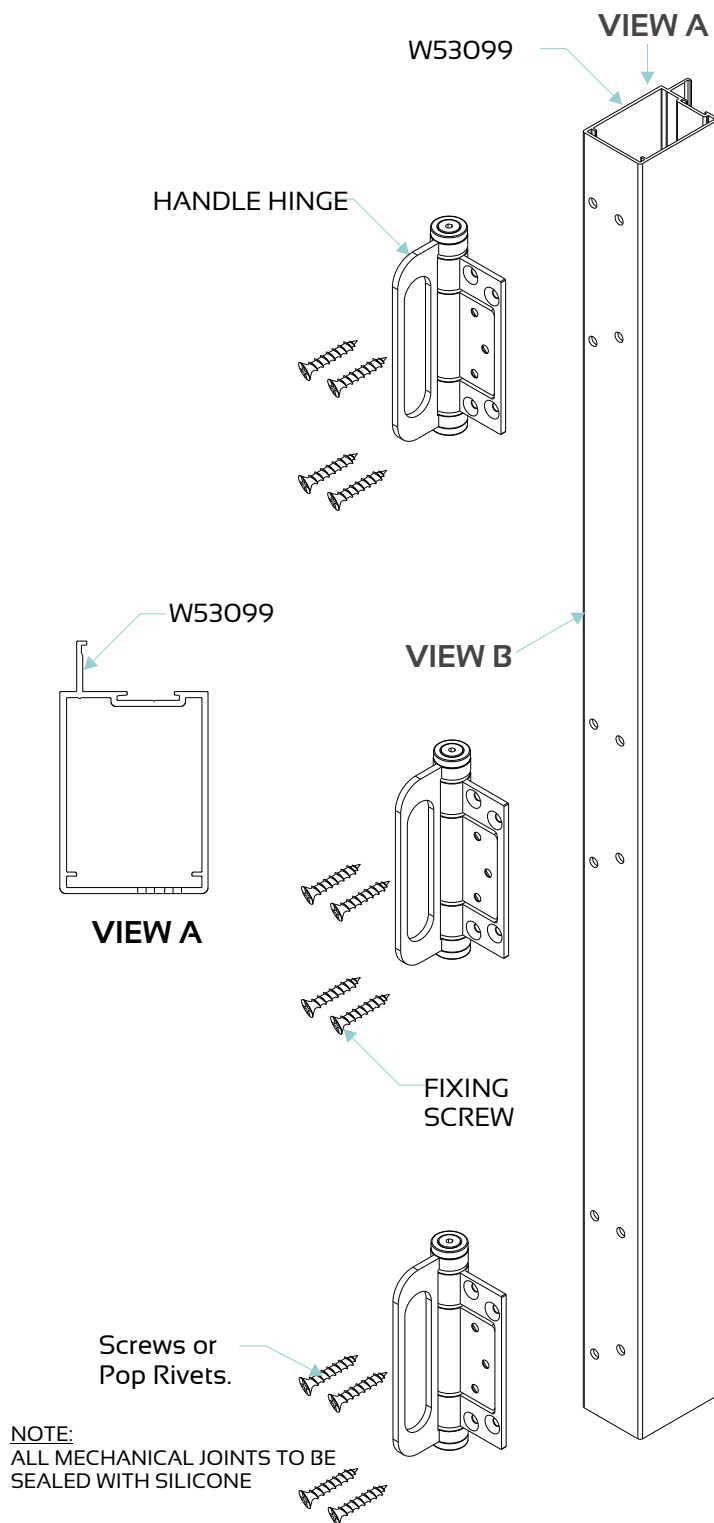
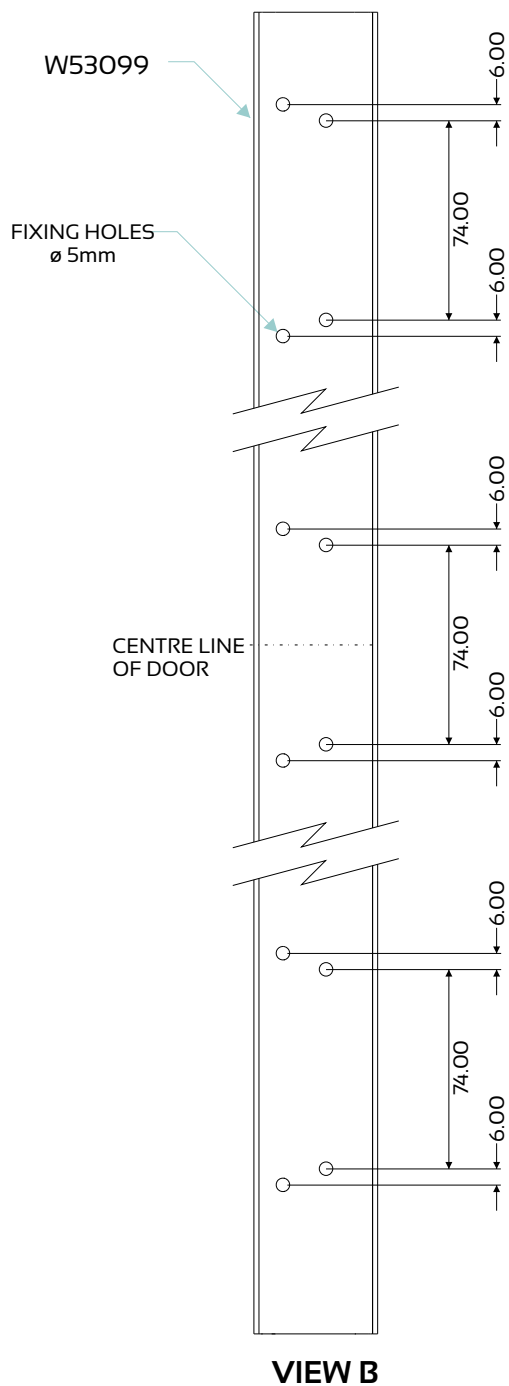


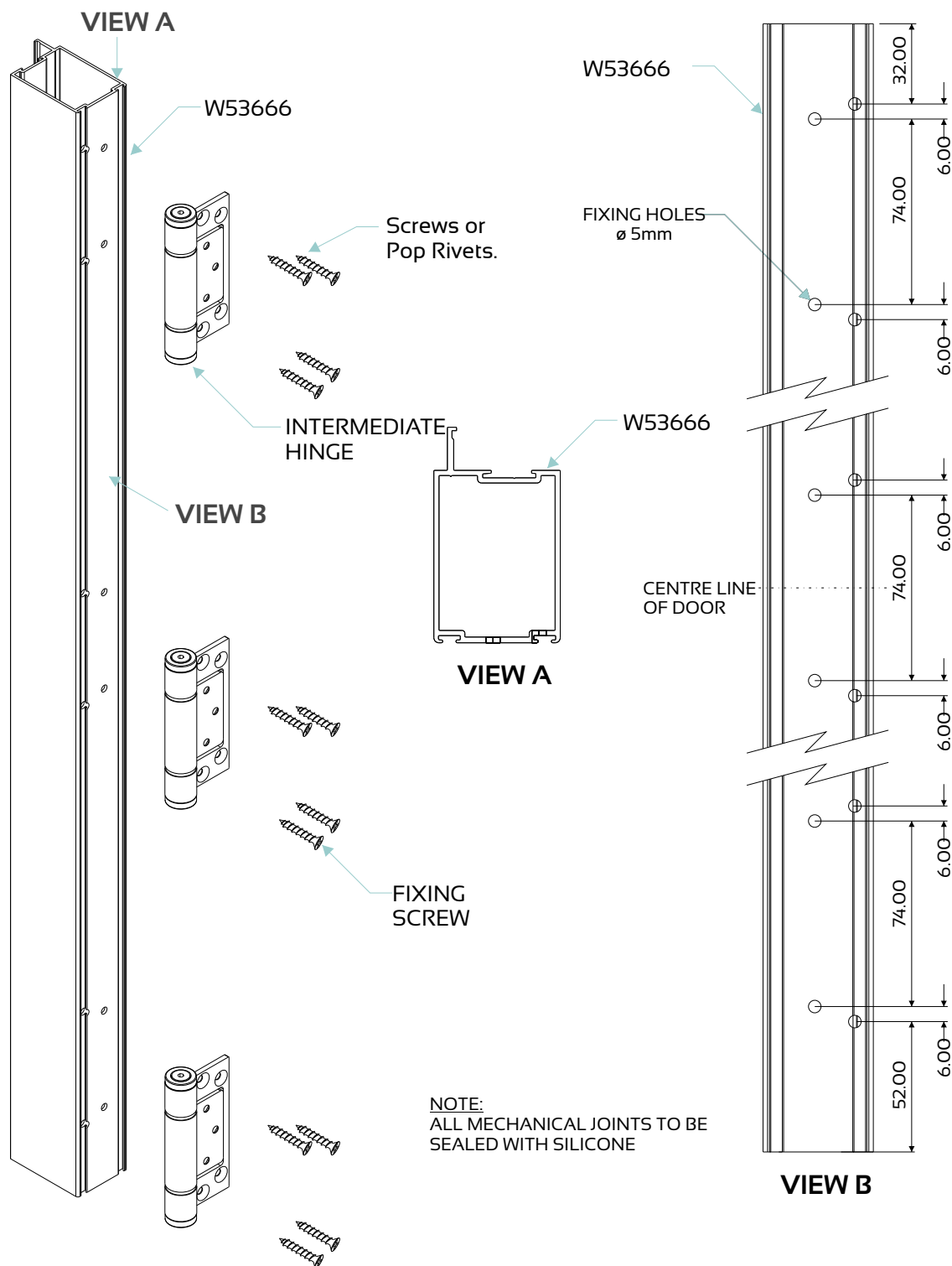


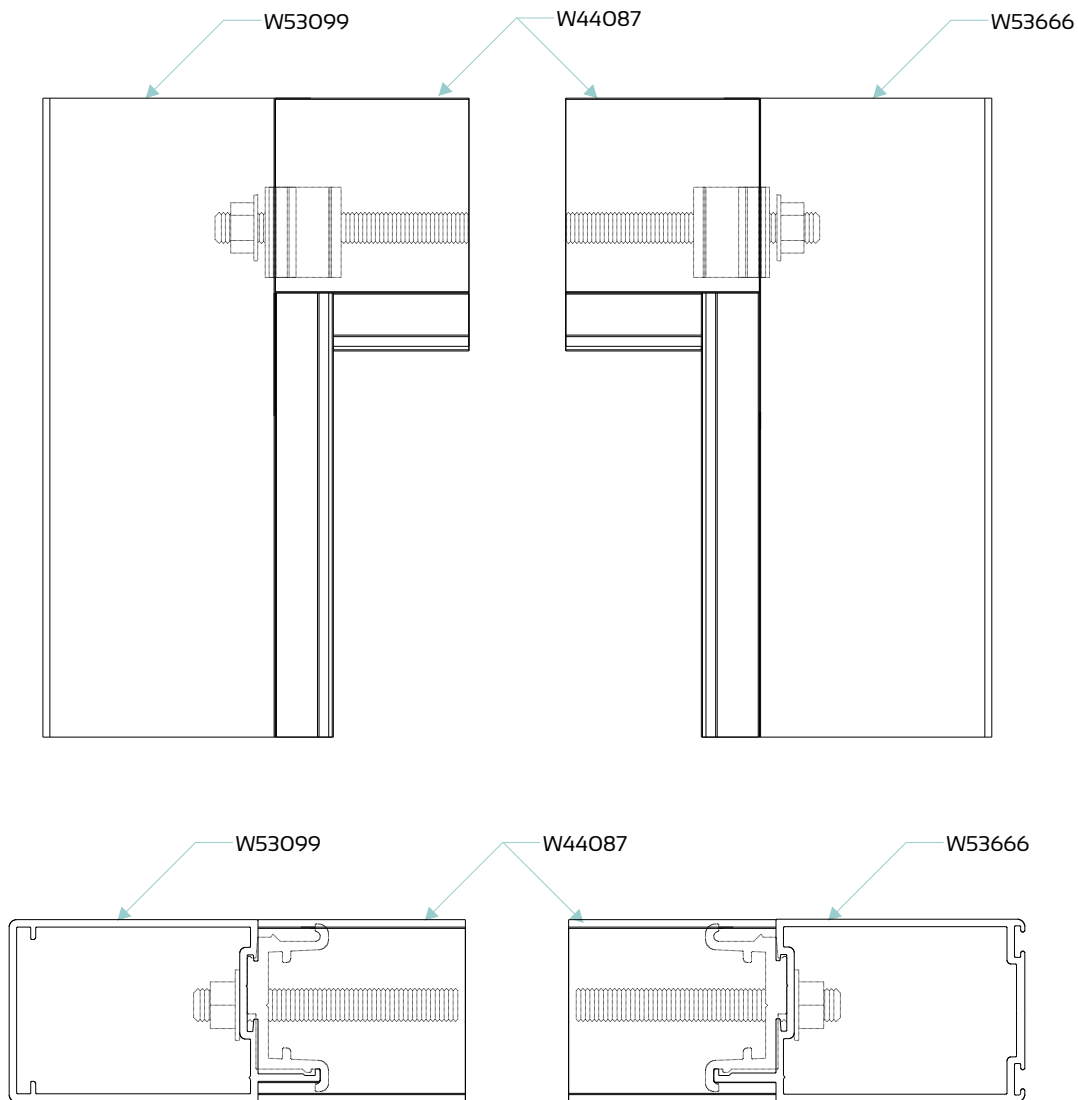
Machining Detail

Intermediate Hinge Right Hand Vertical Stile





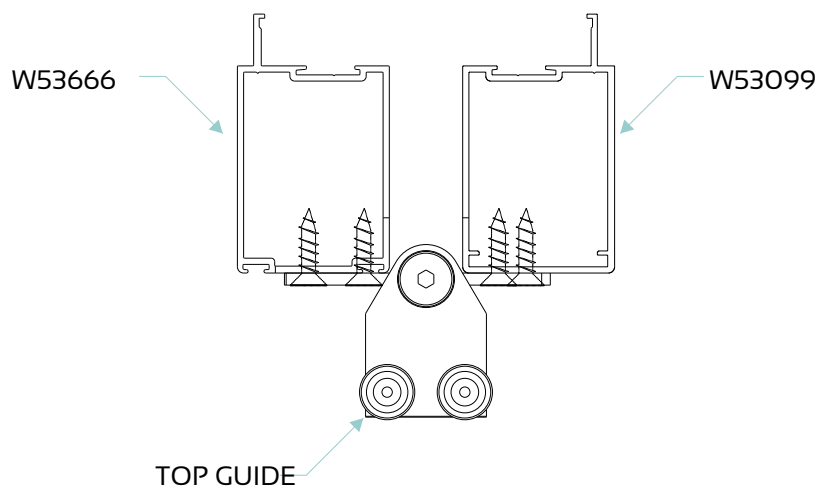
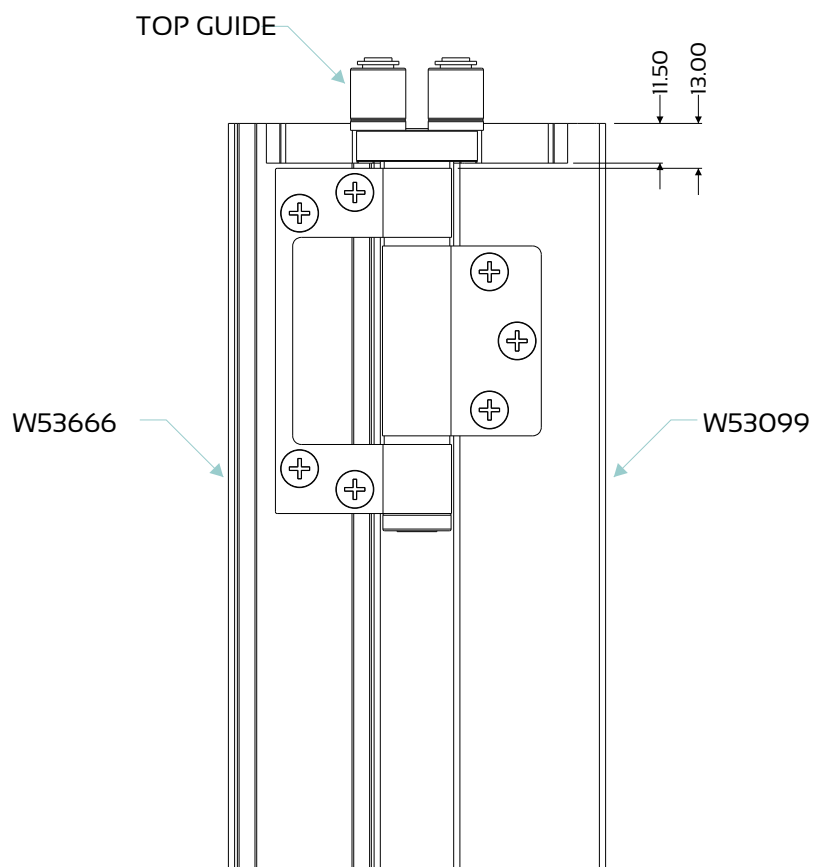


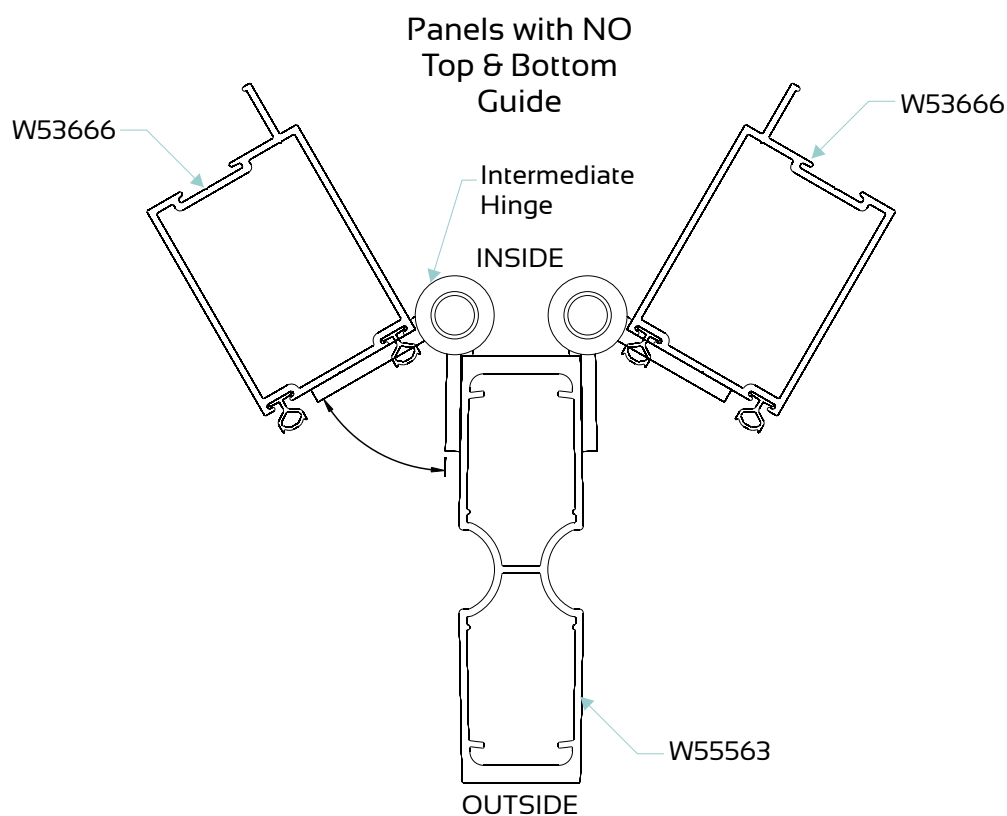
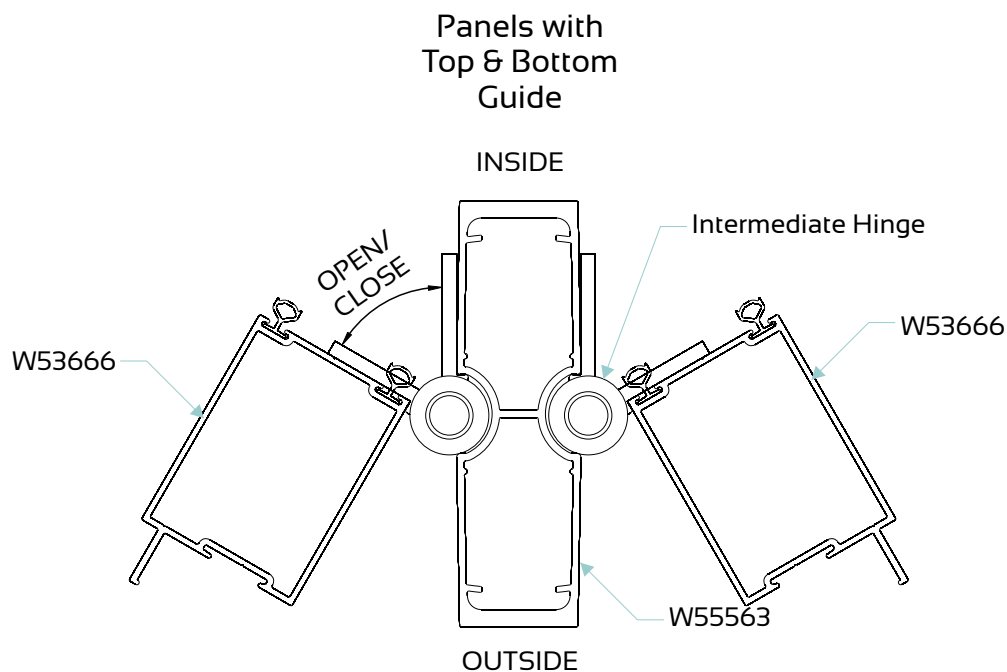


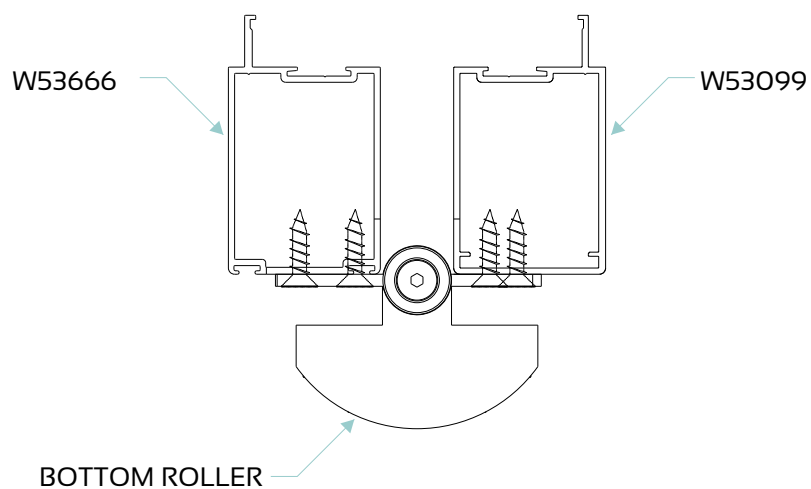
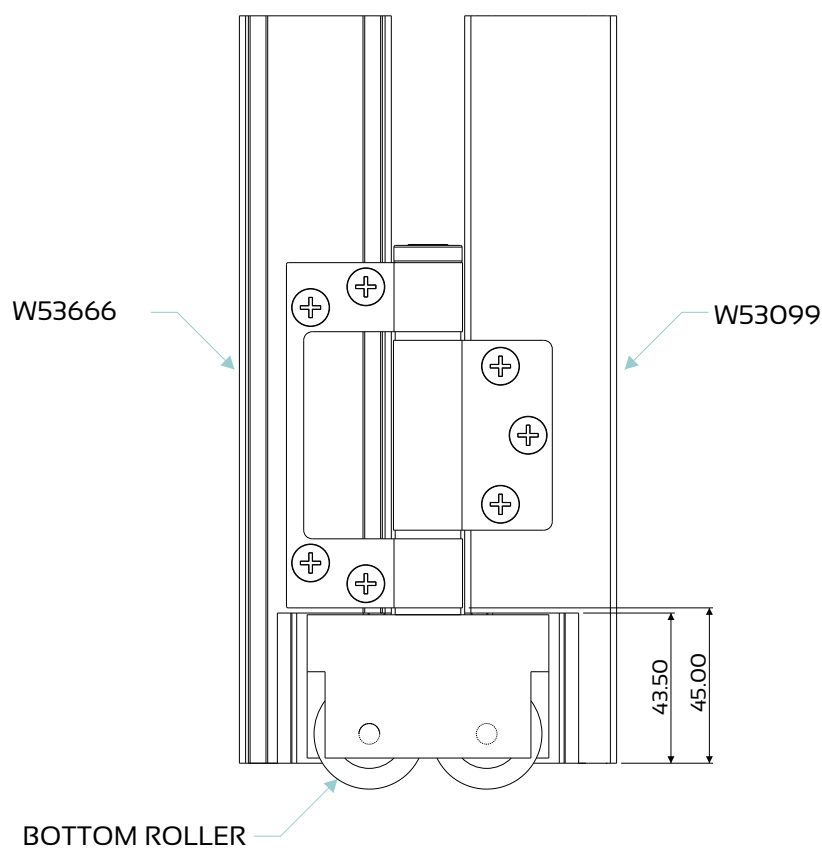
DETAIL TYPICAL TO HEAD AND SILL OF DOOR

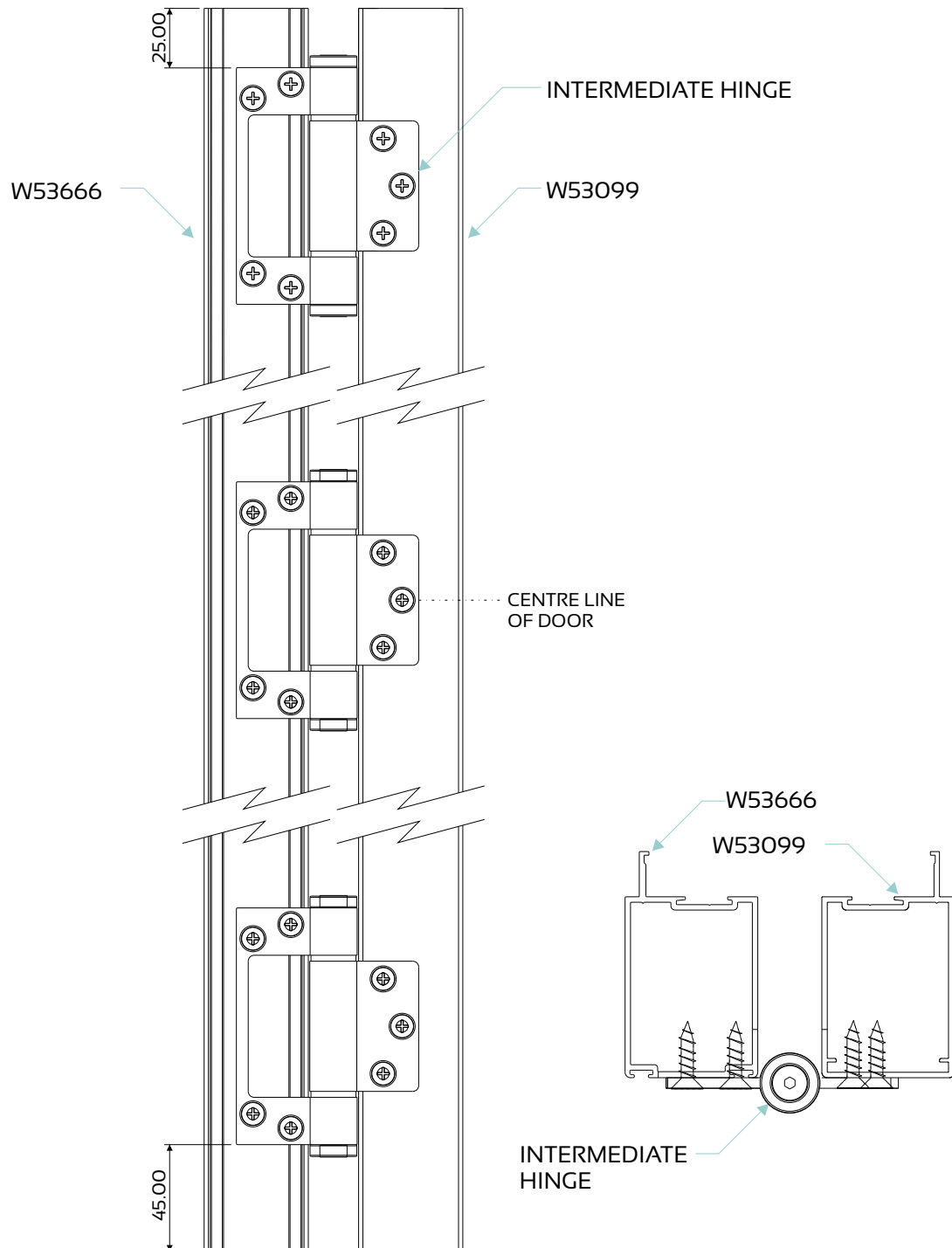
1. ATTACH SPIGOTS TO STILES WITH NO 8 FIXING SCREWS (FSP-0840P-SS)
2. FASTEN STILES TO TOP AND BOTTOM RAILS WITH NUTS (FSN-NTG8) AND THREADED RODS (FSN-TRG8). USE WASHERS (FSN-WHG8).
3. ENSURE ALL MATING JOINTS ARE BEDDED IN SEALANT BEFORE ASSEMBLY.

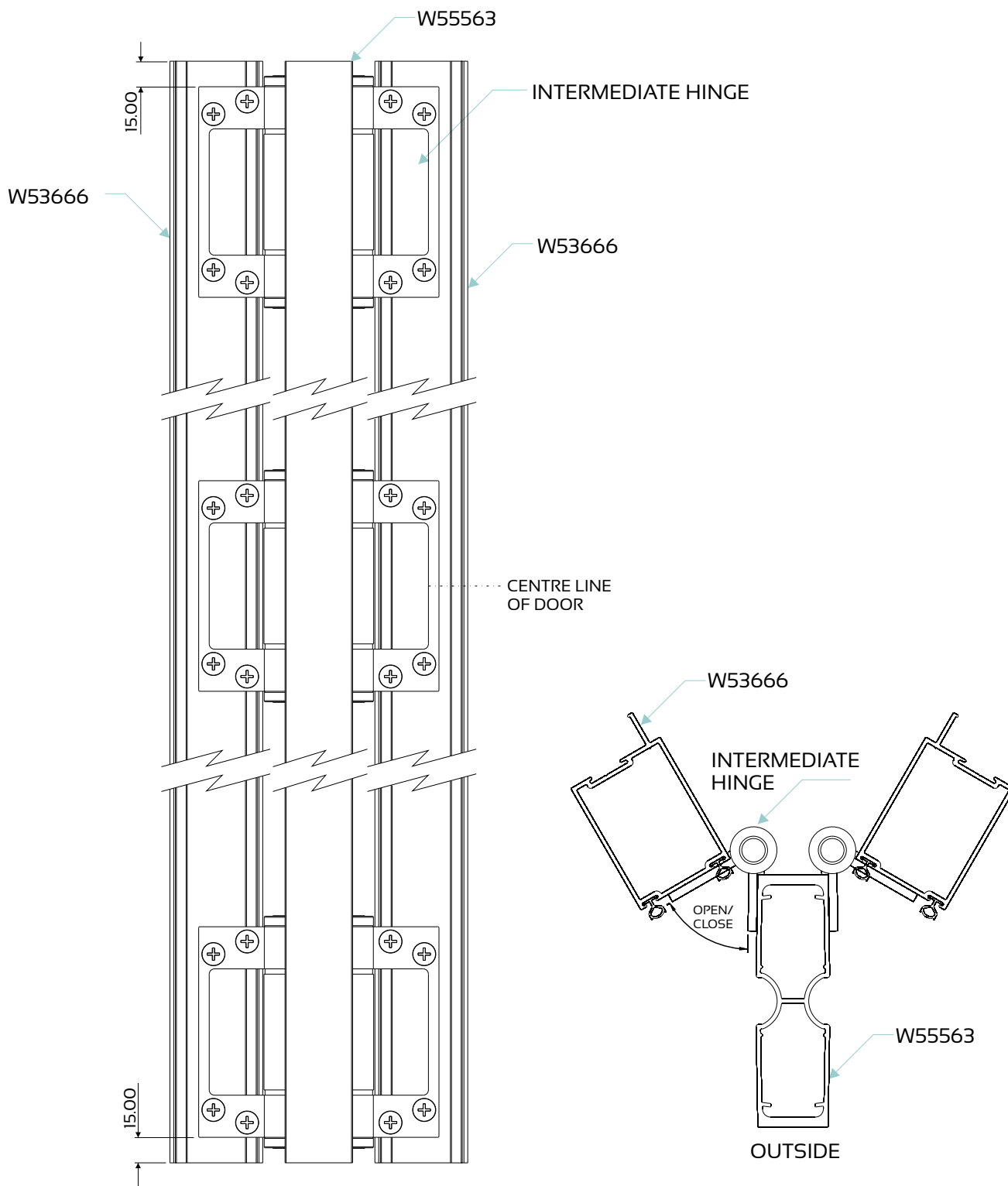
NOTE:
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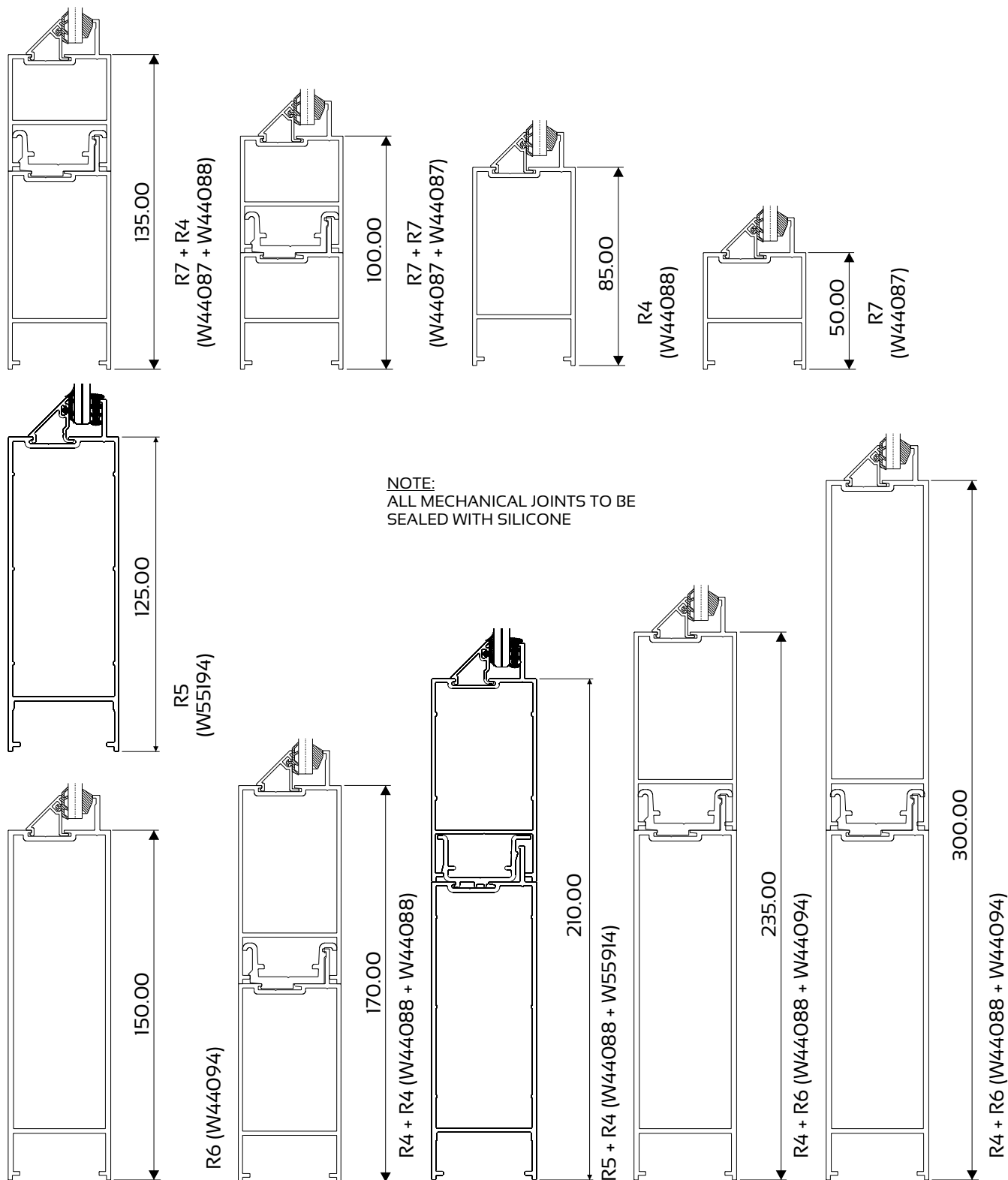


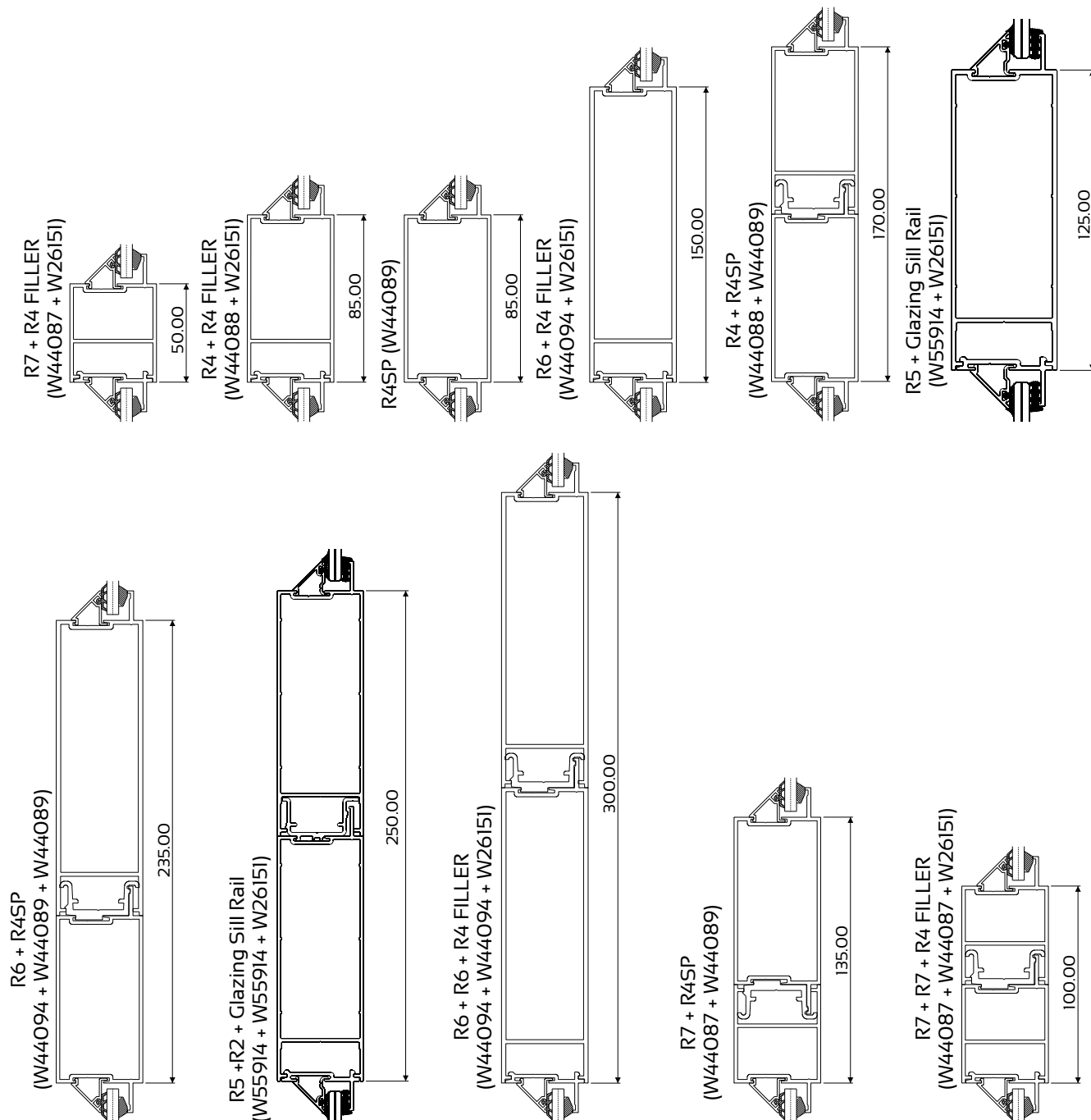




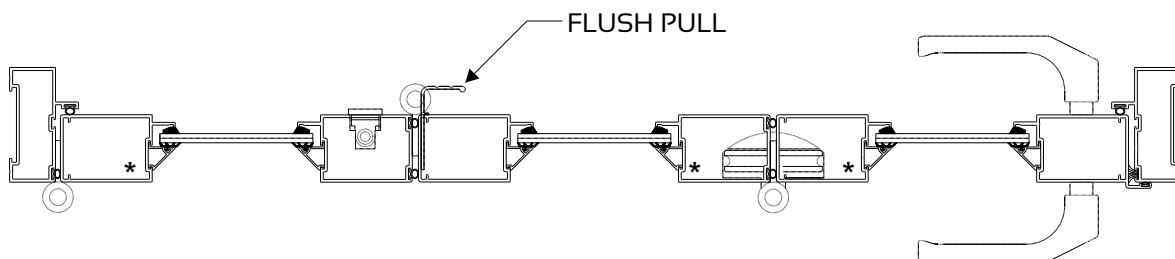
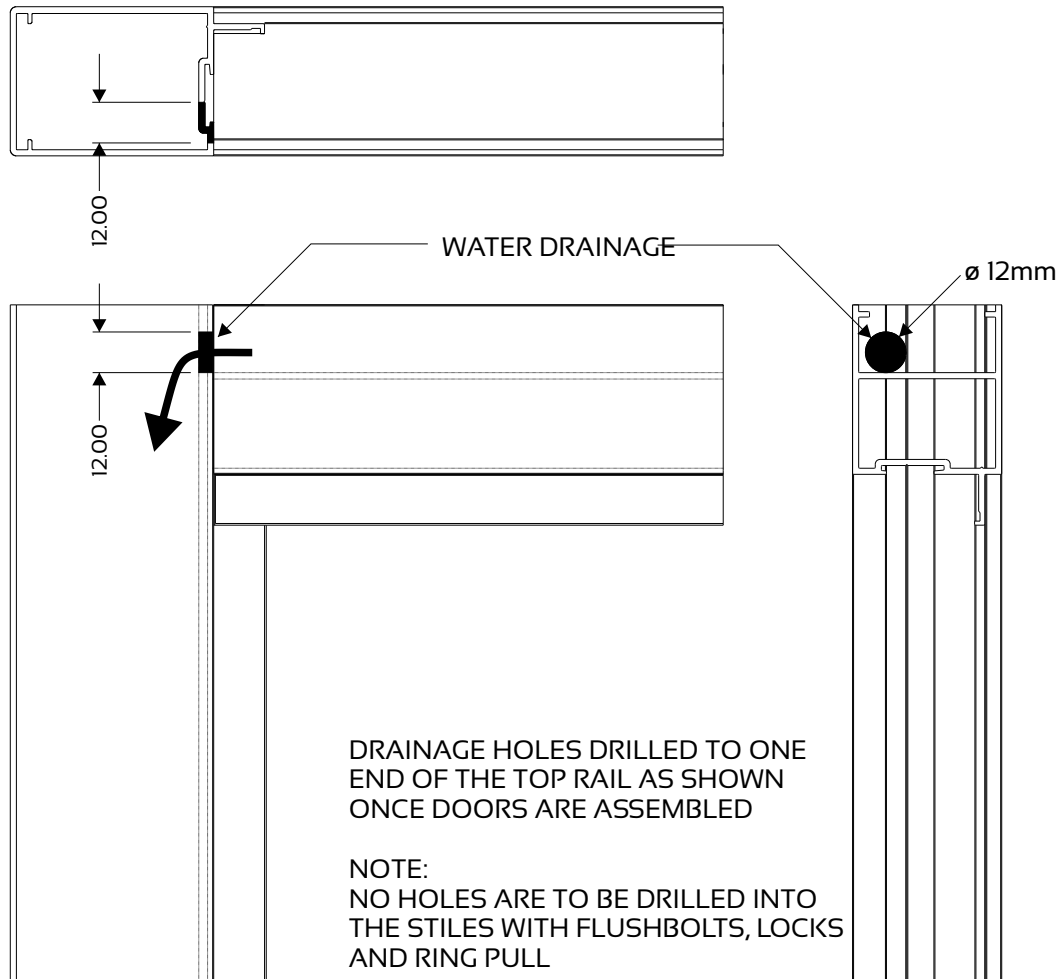






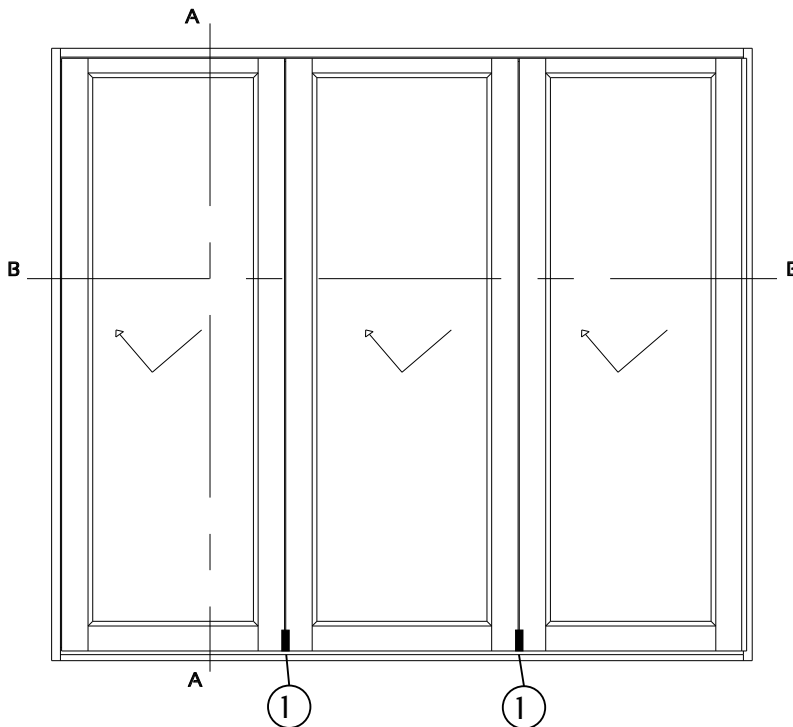


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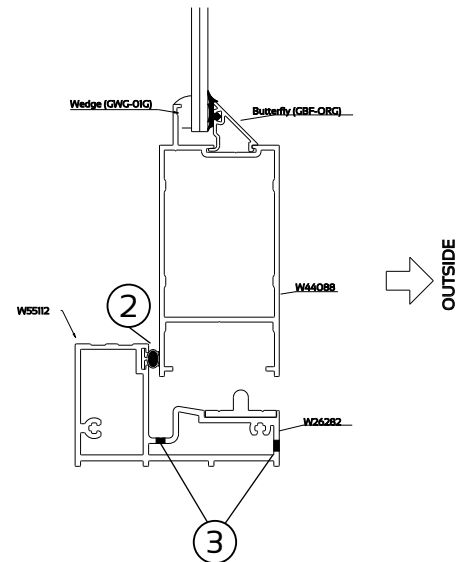


* DENOTES Ø= 12mm DRAINAGE HOLES AT THE TOP OF THE VERTICAL STILES ONLY

TO PASS A2 WATER AND WIND TEST THE FOLLOWING MODIFICATIONS MUST BE IMPLEMENTED.



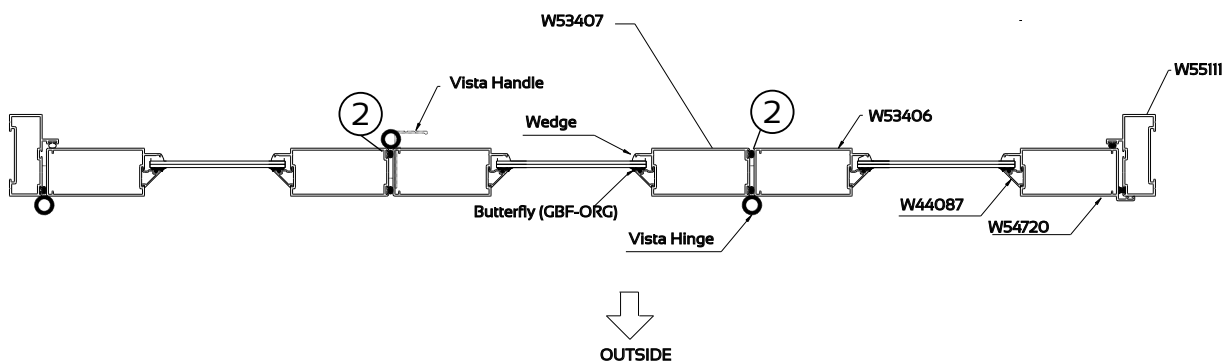
SECTION A-A



NOTES:

1. Sondor tape to be used between opener hinges (bottom).
2. Sondor tape to be used on corresponding locations on inside of the sill section.
3. Drainage holes to be added

SECTION B-B



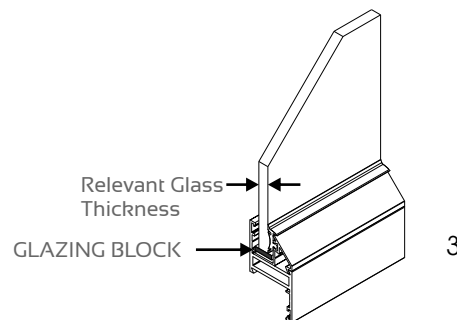
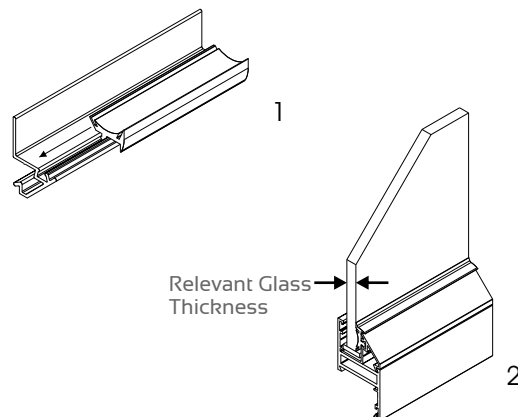
Note:

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.

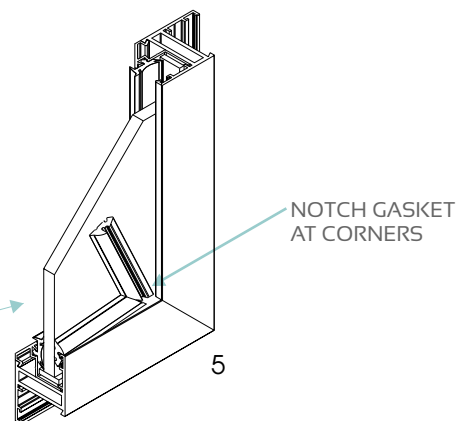
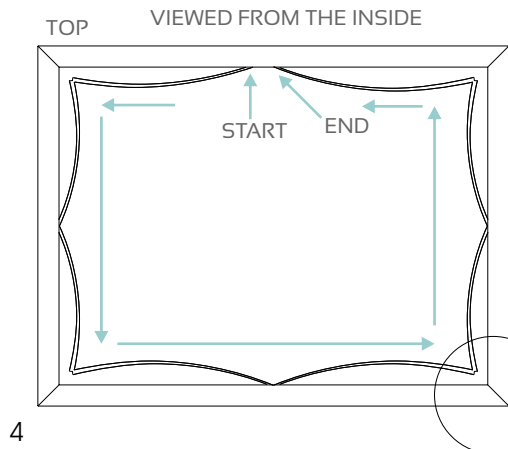
Position the bottom glazing bead in the glazing bead rebate of the relevant profile (2).

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 & partly cut the wedge gasket 6mm longer than the vertical bead. Insert the gasket into the corner & then roll in remaining 150mm (5). Repeat this on the other sides. Where the gasket end meets, cut the gasket 6mm longer, then insert.

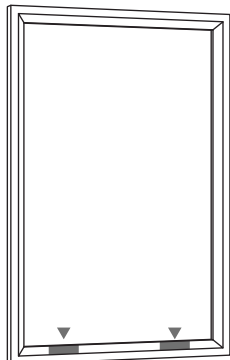


ENSURE GASKETS ARE NOT STRETCHED AT ANY STAGE



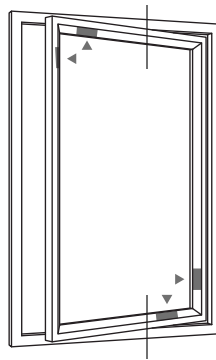
Typical Glazing Procedure

FIXED

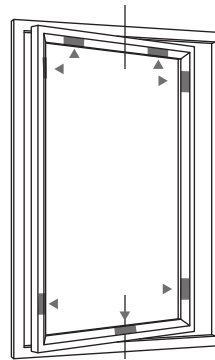


Fixed Light

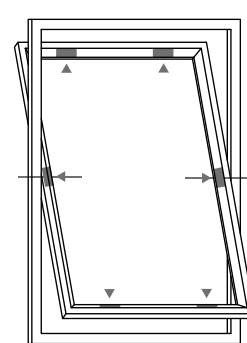
PIVOTING



Vertical Pivot
(hung off-centre)

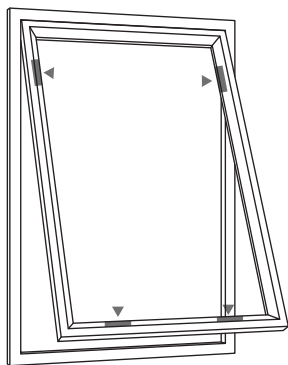


Vertical Pivot
(hung centrally)

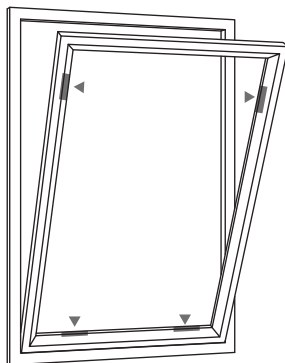


Horizontal Pivot
and reversible

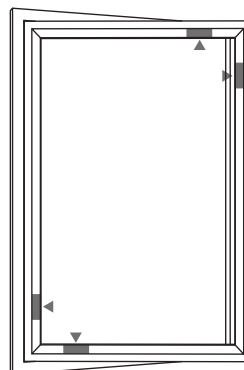
CASEMENT



Top Hung

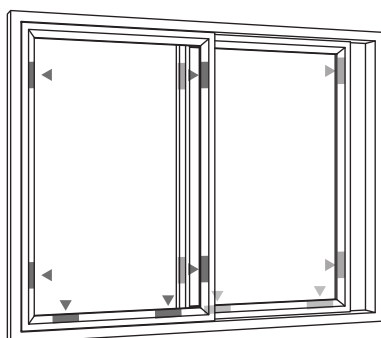


Bottom Hung

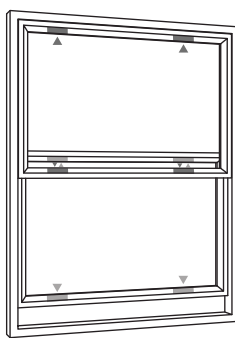


Side Hung

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.