



CLIP 44™
INTERNAL SLIDING DOOR

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 the Wispeco website 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.

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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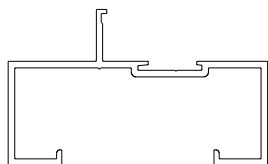
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CLIP 44™

INTERNAL SLIDING DOOR

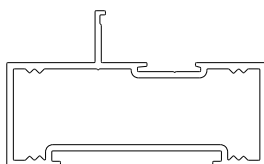
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Clip44 Sliding Door Profiles



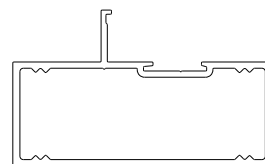
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**Clip44 26C Jamb
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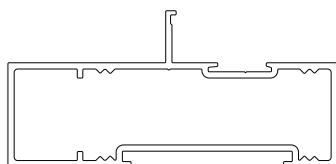
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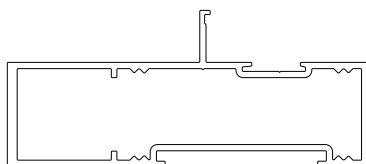
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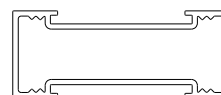
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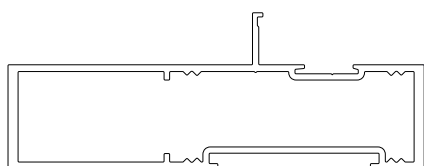
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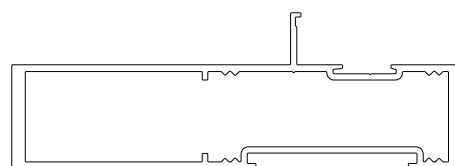
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75mm Dbl Rec 26D**



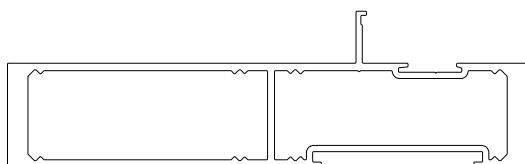
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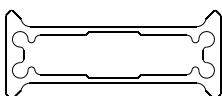
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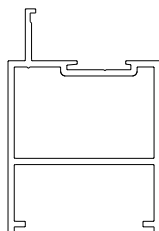
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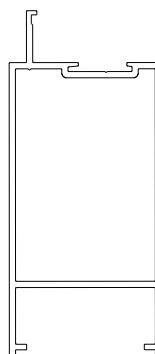
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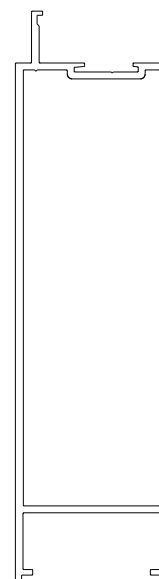
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**Clip44 R7 Head/
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DIE No. W44088

**Clip44 R4 Head/
Sill Rail 85mm**



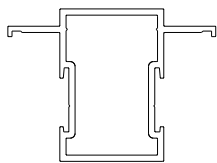
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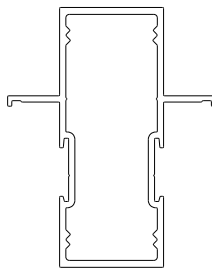
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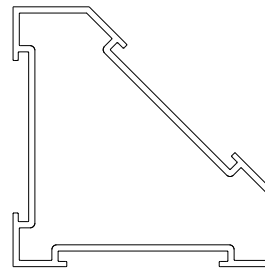
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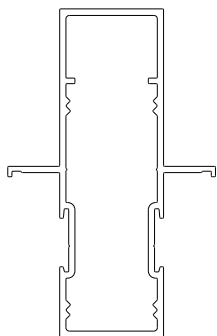
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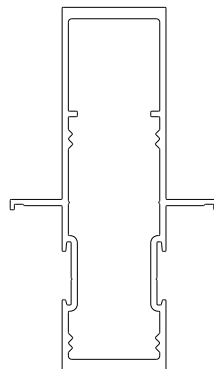
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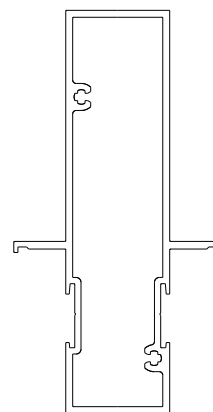
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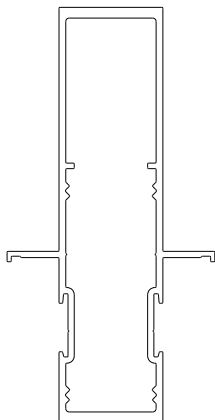
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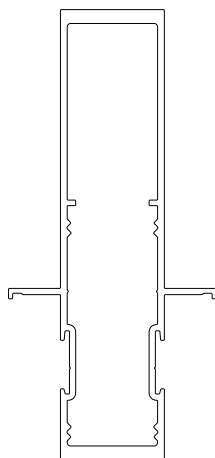
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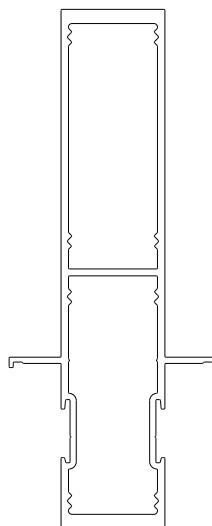
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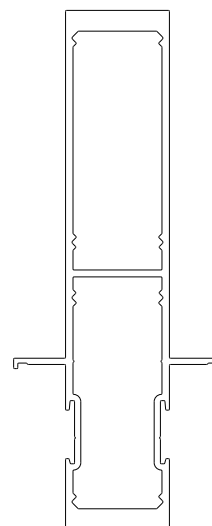
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DIE No. W56083 | **Clip44 W130 Mullion**



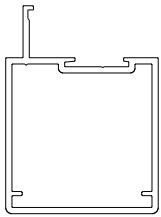
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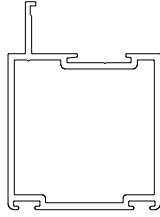
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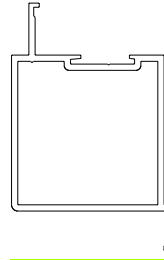
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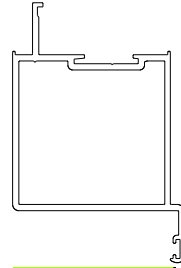
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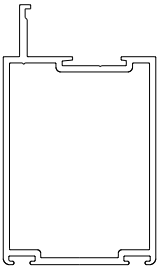
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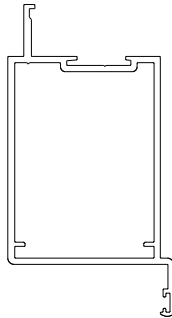
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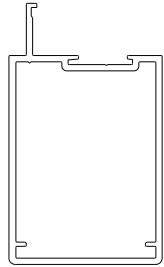
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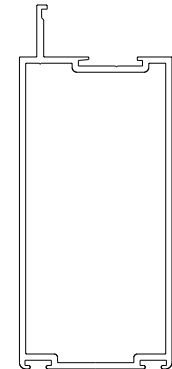
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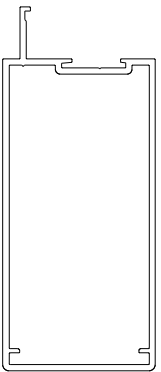
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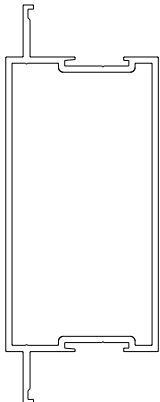
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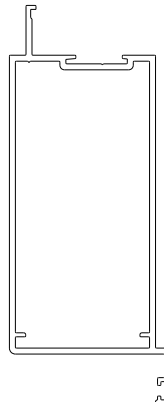
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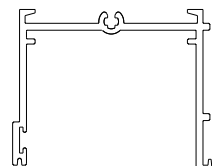
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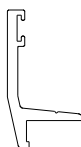
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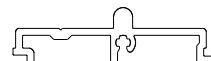
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DIE No. W25029 | Clip44 Transom Cover



DIE No. W26509 | Clip44 Multi Track Sill Adaptor



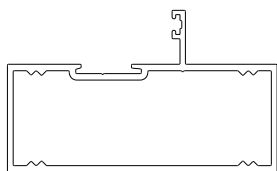
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DIE No. W25025 | Clip44 40mm Cover Plate

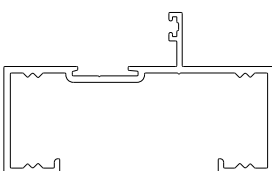
Profile Identification

Clip44 Sliding Door Profiles



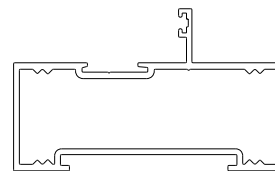
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**Clip44 Flat Back
Woolpile**



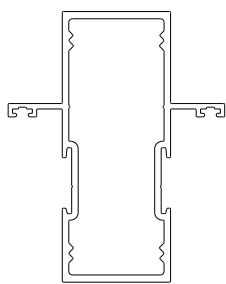
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**Clip44 Jamb Open Back
Woolpile**



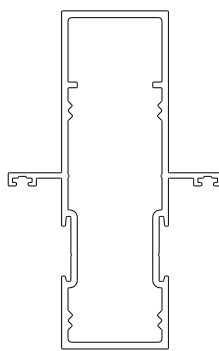
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**Clip44 Recessed Back
Woolpile**



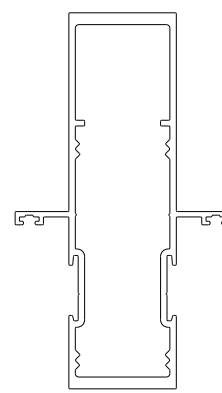
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Clip44 Mullion Woolpile



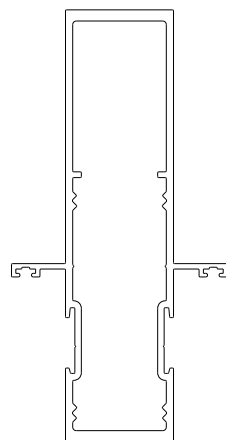
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Woolpile**



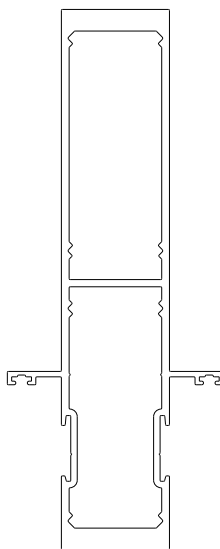
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Mullion W/Pile**



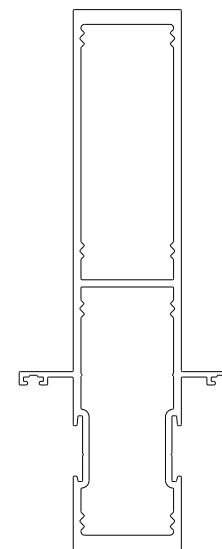
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**Clip44 W150 Mullion
Woolpile**



DIE No. W56012

**Clip44 150mm Mullion
W/Pile H/D**

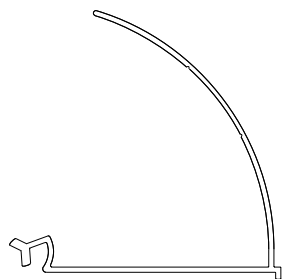


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**Clip44 W150 Mullion
Woolpile**

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Clip44 Sliding Door Profiles



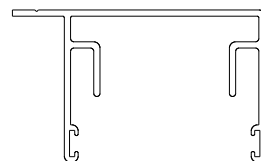
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DIE No. W28524 Clip44 Corner Mullion 2



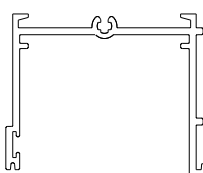
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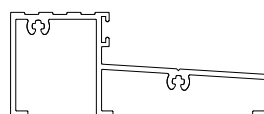
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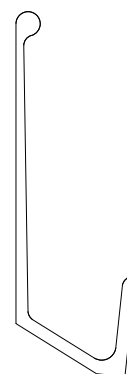
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DIE No. W26507 Clip44 Multi Track Head Rail



DIE No. W30289 Clip44 Threshold



DIE No. W26464 Clip44 Universal Door Handle



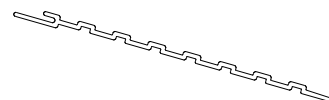
DIE No. W23224 Clip44 Compensating Channel



DIE No. W26155 Clip44 Door End Style for Pivot



DIE No. W29247 Colonial Bar



DIE No. W27934 Clip44 R19 Special Cladding



DIE No. W14108
Clip44 Angled Glazing Bead



DIE No. W14109
Clip44 Square Glazing Bead



DIE No. W27882
Clip44 Double Glazing Bead



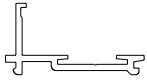
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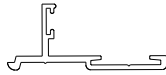
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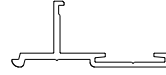
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Clip44 R4 Filler
Adaptor



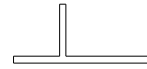
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Clip44 Door
Adaptor



DIE No. W28643

Clip44 Glazing
Adaptor



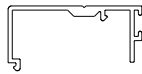
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Sill End Filler



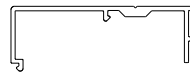
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Clip44 Astragal
with Woolpile



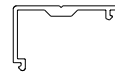
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Clip44 Door
Adaptor for W105



DIE No. W29367

Clip44 Door
Adaptor for W120



DIE No. W29368

Clip44 Door
Adaptor for W95



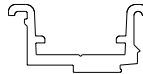
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Clip44 Sliding Door
Stop Astragal



DIE No. W26152

Clip44 Channel
Spigot



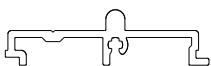
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Clip44 Spigot



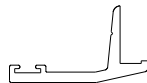
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Clip44 Sill
Adaptor



DIE No. W26508

Clip44 Multi Track
Sill Rail



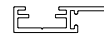
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Sill Adaptor



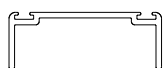
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Clip44 Frame
Spigot



DIE No. W29723

Screw-On
Interlocker



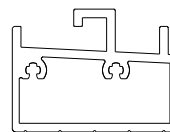
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Clip44 Pivot Door
Head Adaptor



DIE No. W27522

Clip44 Drainage
Sill Adaptor



DIE No. W53448

Clip44 Drainage
Sill



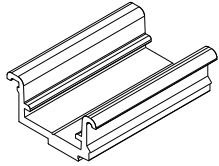
DIE No. W26282

Clip44 Floor
Track

Hardware Components

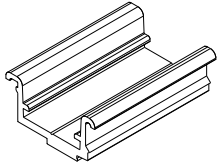
RECOMMENDED CLIP44 SLIDING DOOR HARDWARE COMPONENTS

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



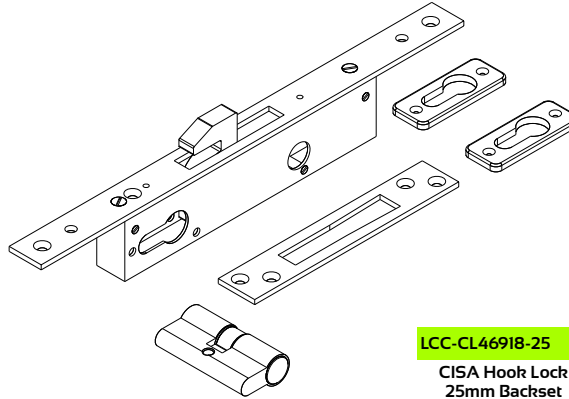
LGS-FS-119.9
LGS-FS-72.7
LGS-FS-55.3
LGS-FS-20.5
LGS-FS-17.7

Clip44 Frame Spigot



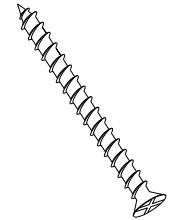
LGS-DS-122.9
LGS-DS-98.3
LGS-DS-58.3
LGS-DS-23.5

Clip44 Door Spigot



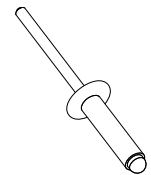
LCC-CL46918-25

CISA Hook Lock
25mm Backset



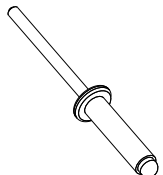
FSP-0840P-SS

8x40 Countersunk
POSI S/S Screws



FRC-410

4x10 C/Sunk Rivet



FRC-4812

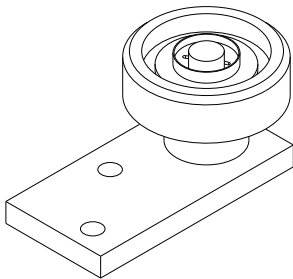
Pop River 4.8x12mm



FSN-WHG8

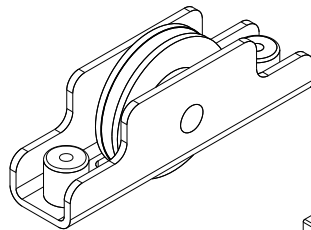
FSN-NTG8

FSN-TRG8



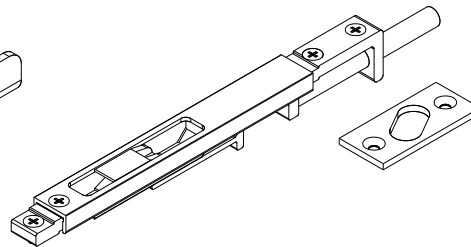
RSW-STG

S/F Sliding Top Guide Roller



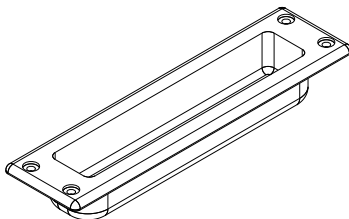
RSW-SF-NYL

Roller Nylon Heavy Duty



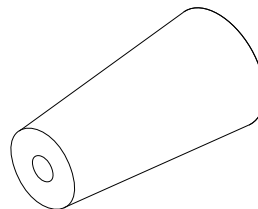
HFS-150-NAT

Flush Bolt



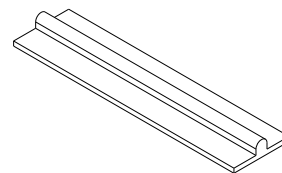
HFP-PVC-BLK

Flush Pull Handle PVC (B/W)



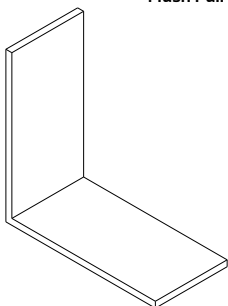
SGD-PDC

Stopper



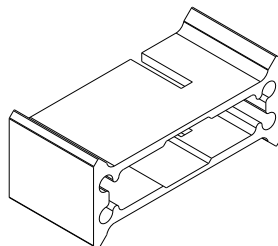
TRK-TBR5

Track Brass Shopfront 5M



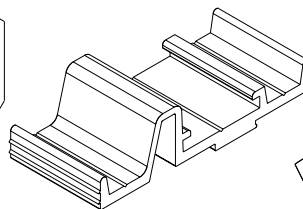
LGS-AFS-25

44,45X22,22X2,03



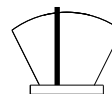
LGS-BS

Box Spigot 4xS/Port



W26228

Frame Spigot



GFP-6760

Finpile



GWG-01G

GWG-02B

GWG-03R

GWG-04Y

GWG-05P

Wedge Gasket



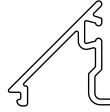
GBF-ORG

Butterfly Gasket

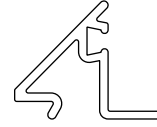


BUTTERFLY GASKET

● — GBF-ORG



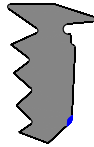
W31142 BEAD



W30468 BEAD



● — GWG-01G



● — GWG-02B

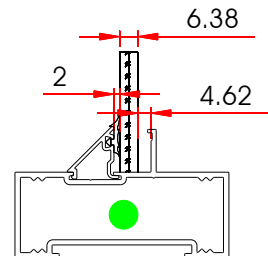
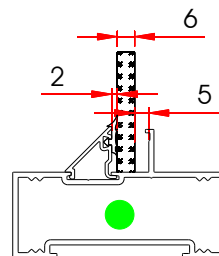
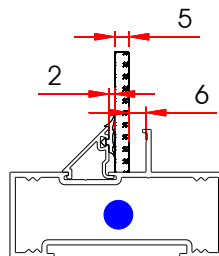
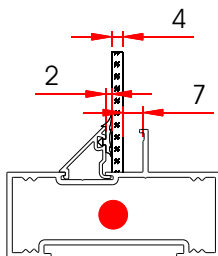


● — GWG-03R

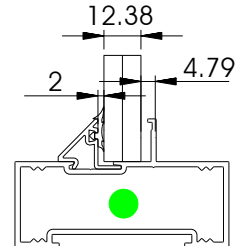
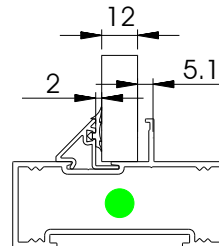
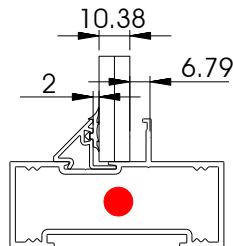
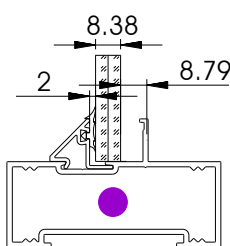


● — GWG-05P

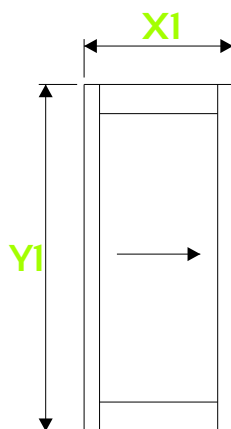
WEDGES



CLIP 44 WITH W31142 BEAD

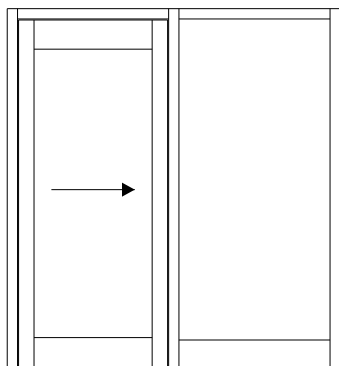


CLIP 44 WITH W30468 BEAD

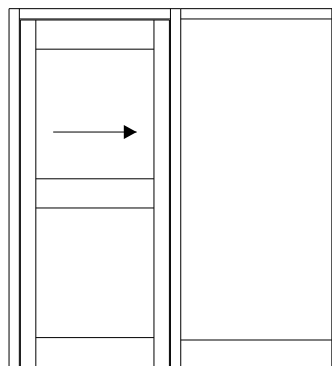


MAXIMUM DOOR LEAF WIDTH: X1 = 1500mm
MAXIMUM DOOR LEAF HEIGHT: Y1 = 3000mm

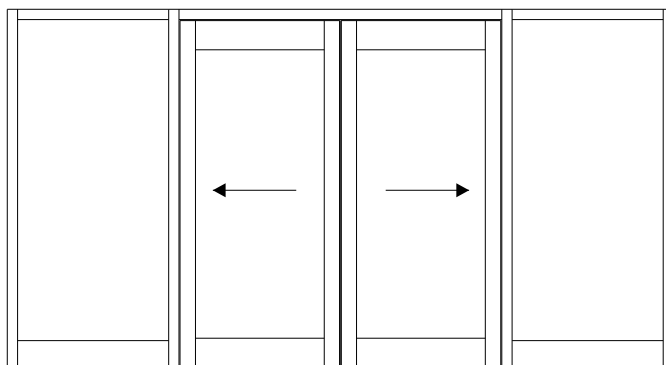
SINGLE SLIDING DOOR



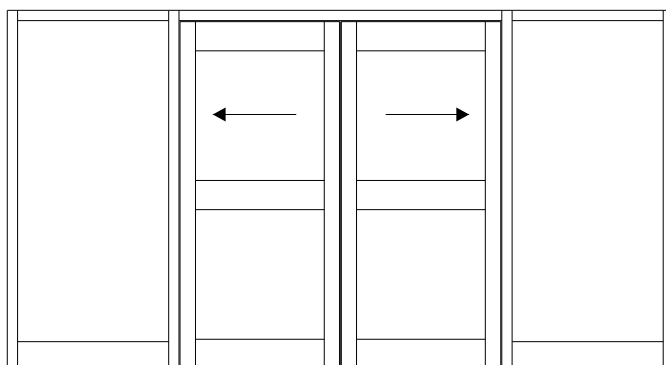
**SINGLE SLIDING DOOR
WITH MIDRAIL**

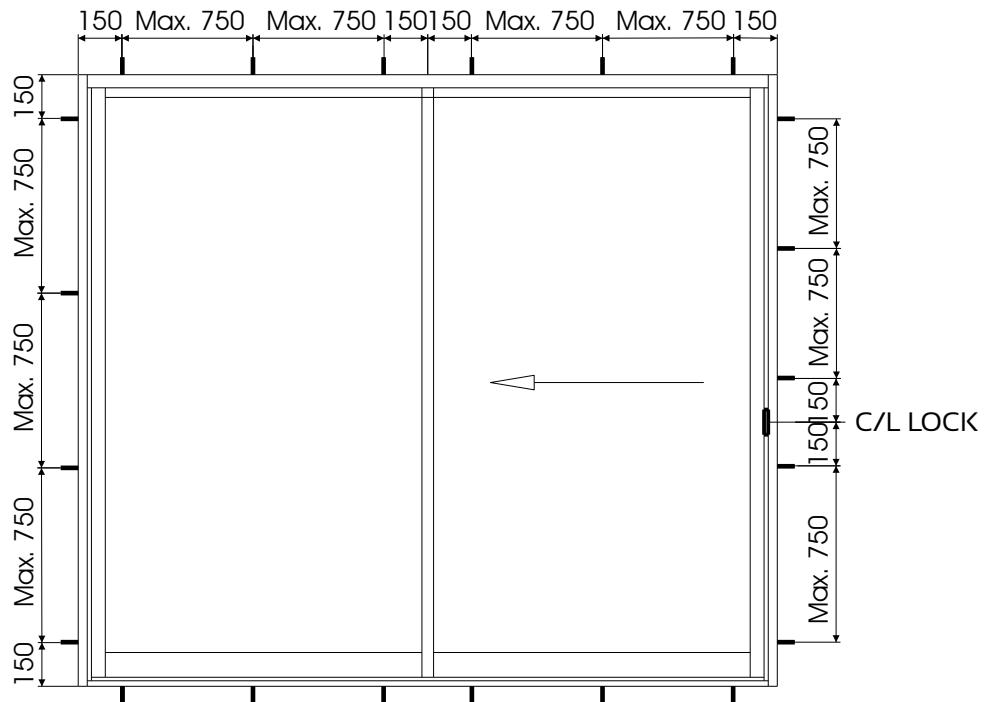


DOUBLE SLIDING DOOR

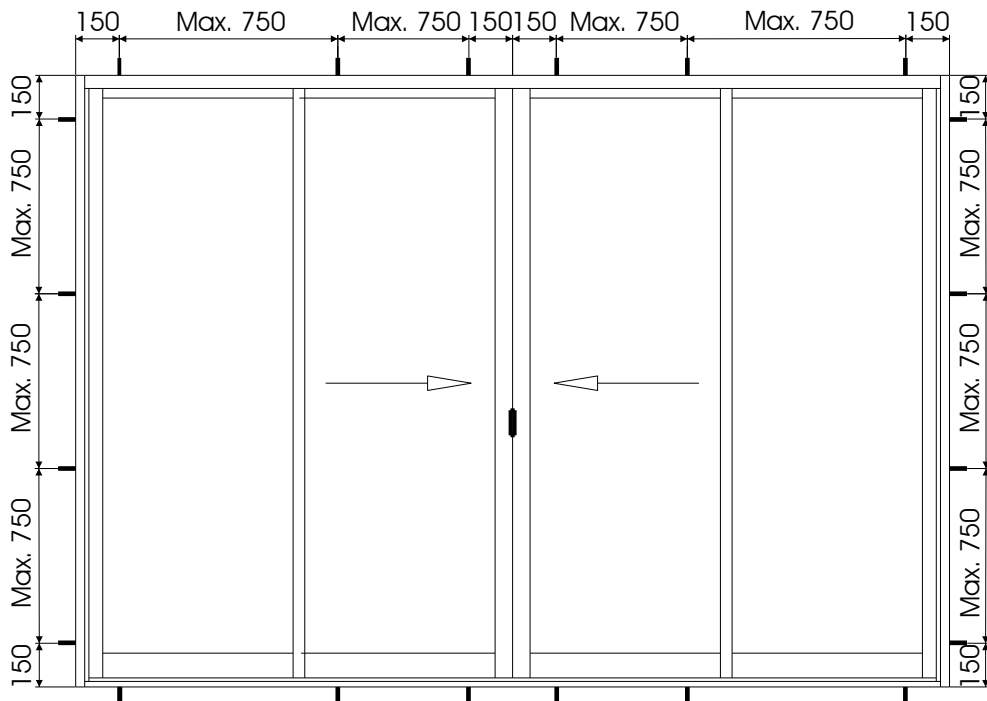


**DOUBLE SLIDING DOOR
WITH MIDRAIL**

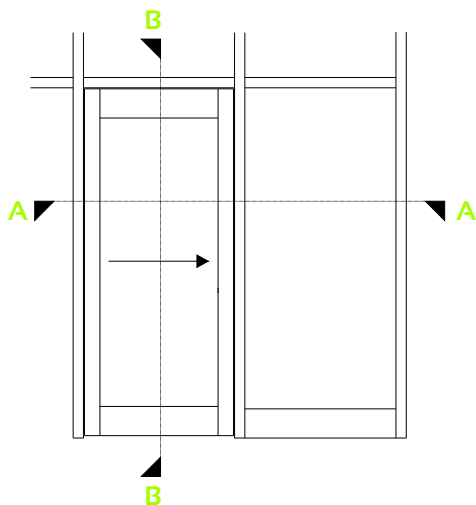




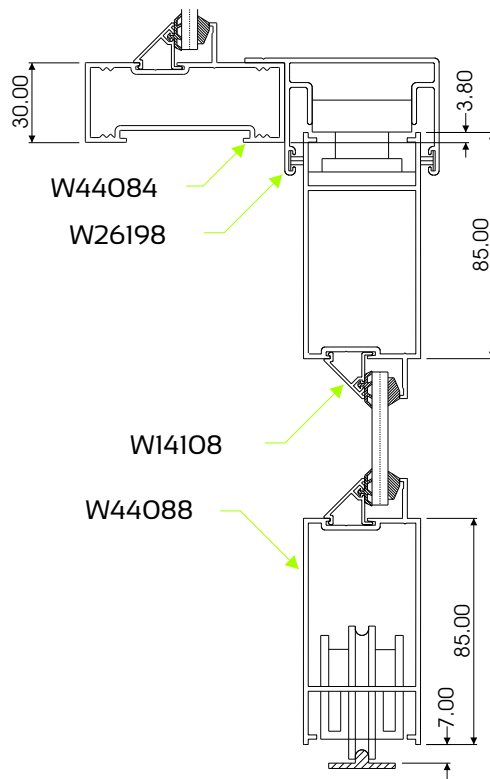
TYPICAL OX SLIDING DOOR & HORIZONTAL SLIDING WINDOW



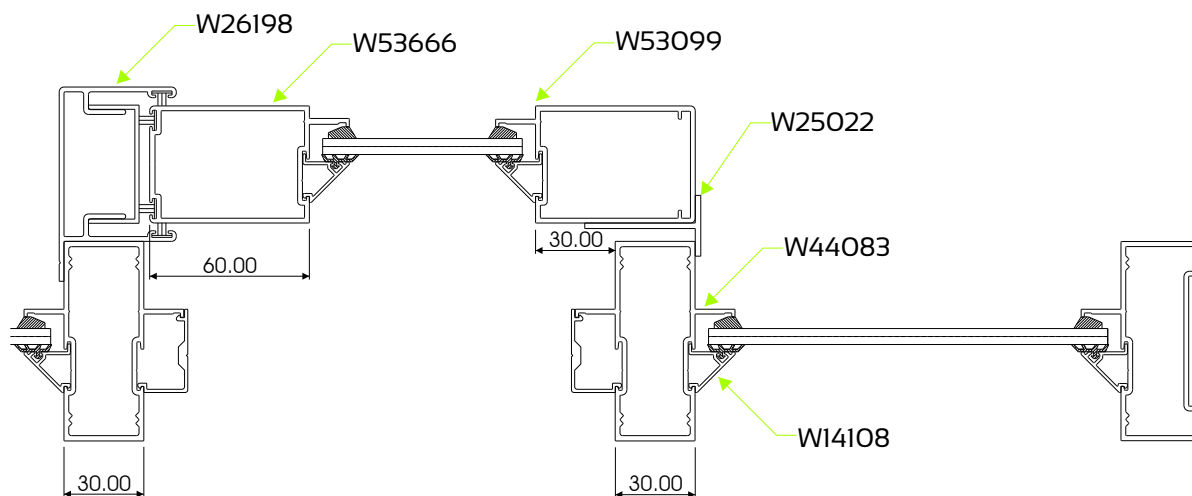
TYPICAL OXXO SLIDING DOOR & HORIZONTAL SLIDING WINDOW

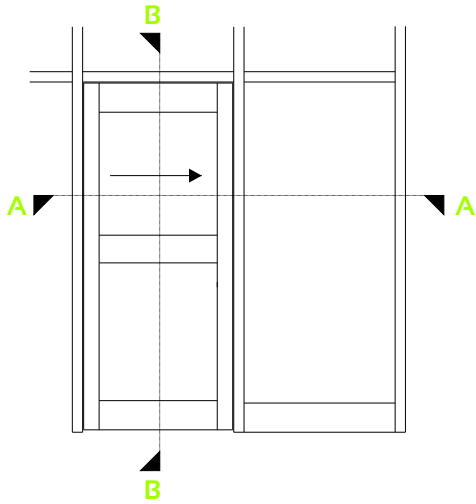


SECTION B-B
Section not to scale

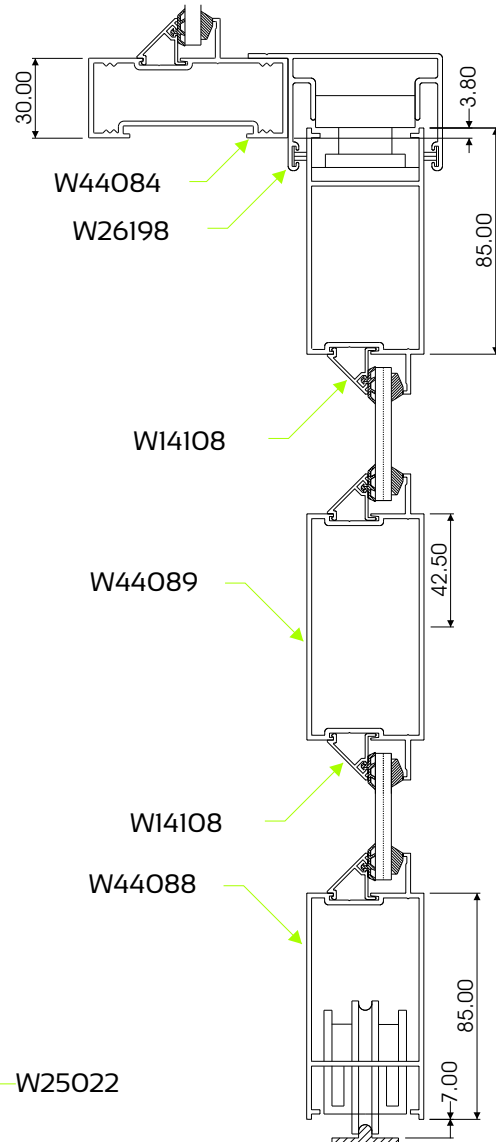


SECTION A - A
Section not to scale

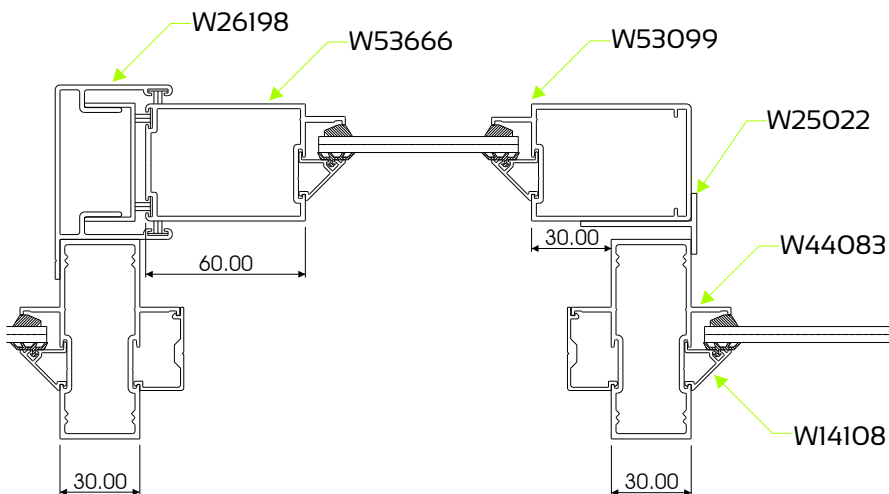


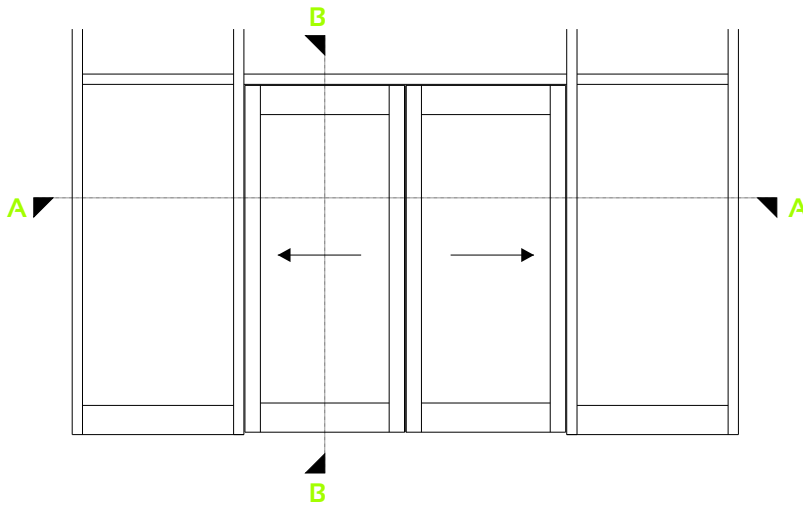


SECTION B-B
Section not to scale

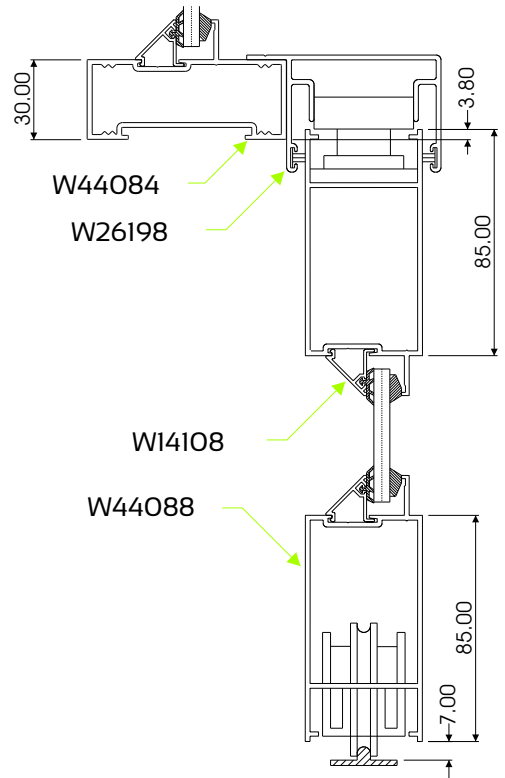


SECTION A - A
Section not to scale

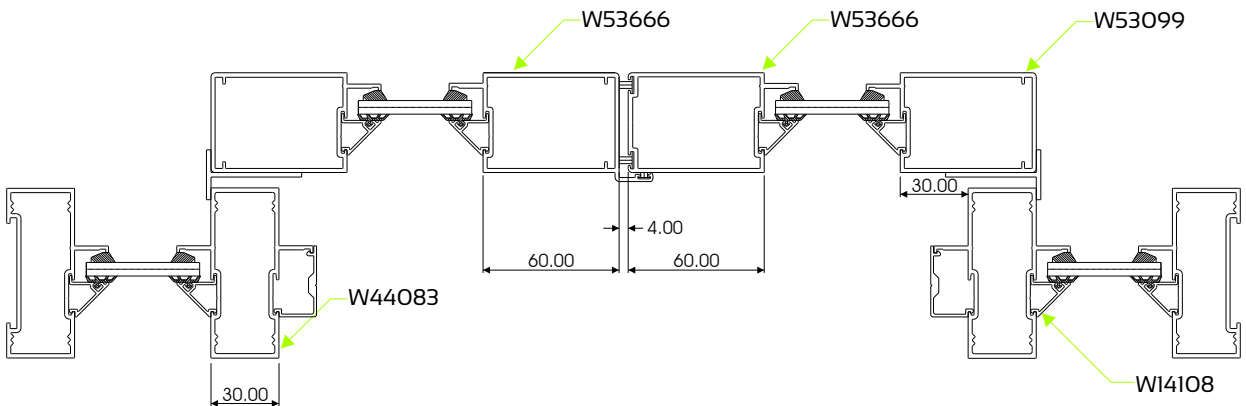




SECTION B-B
Section not to scale

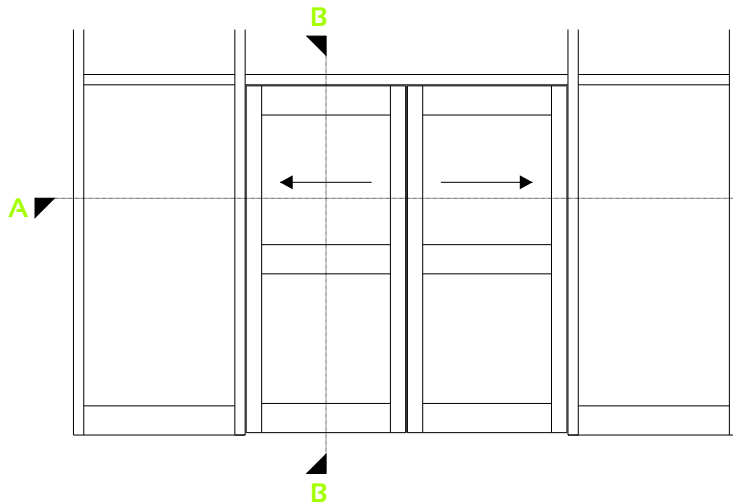


SECTION A - A
Section not to scale

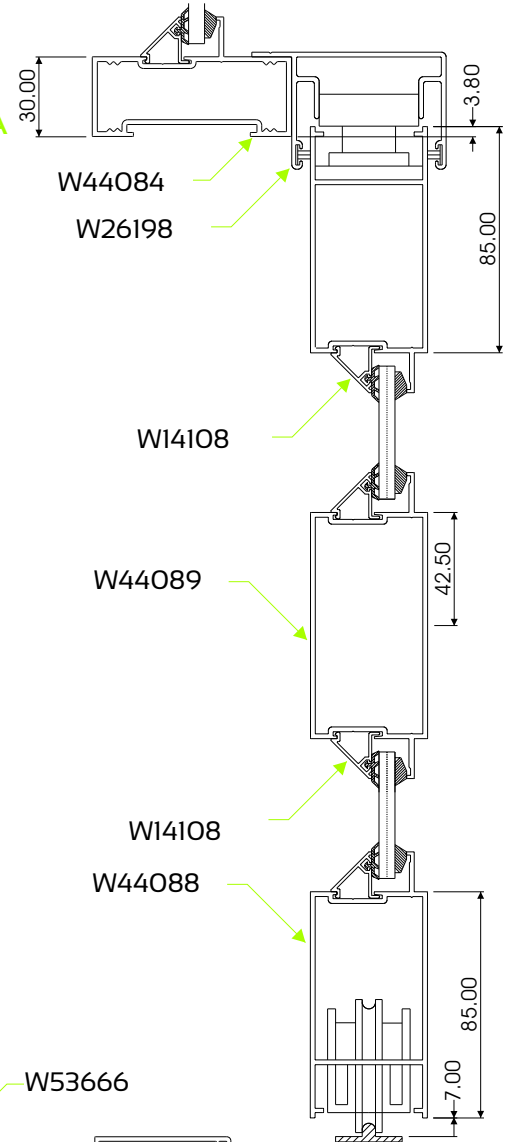


Cross-Sectional Detail

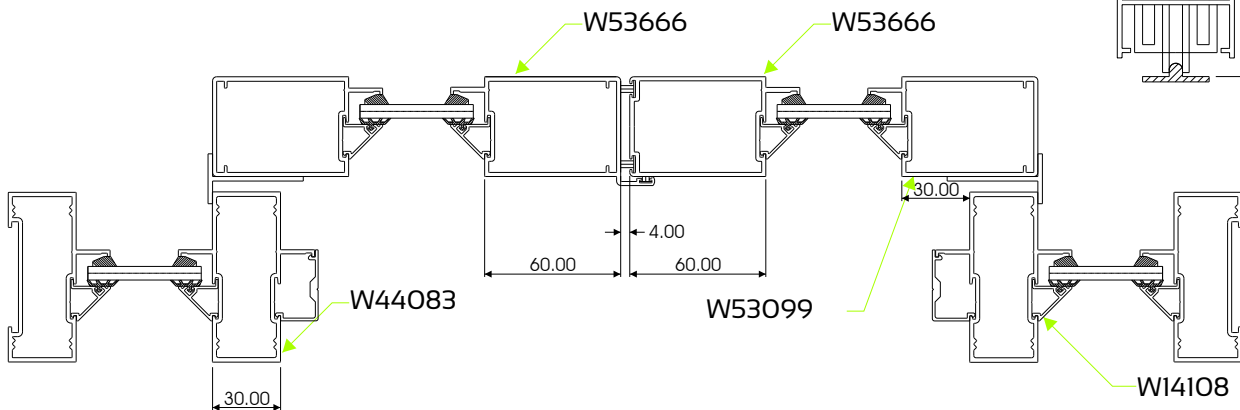
with Midrail

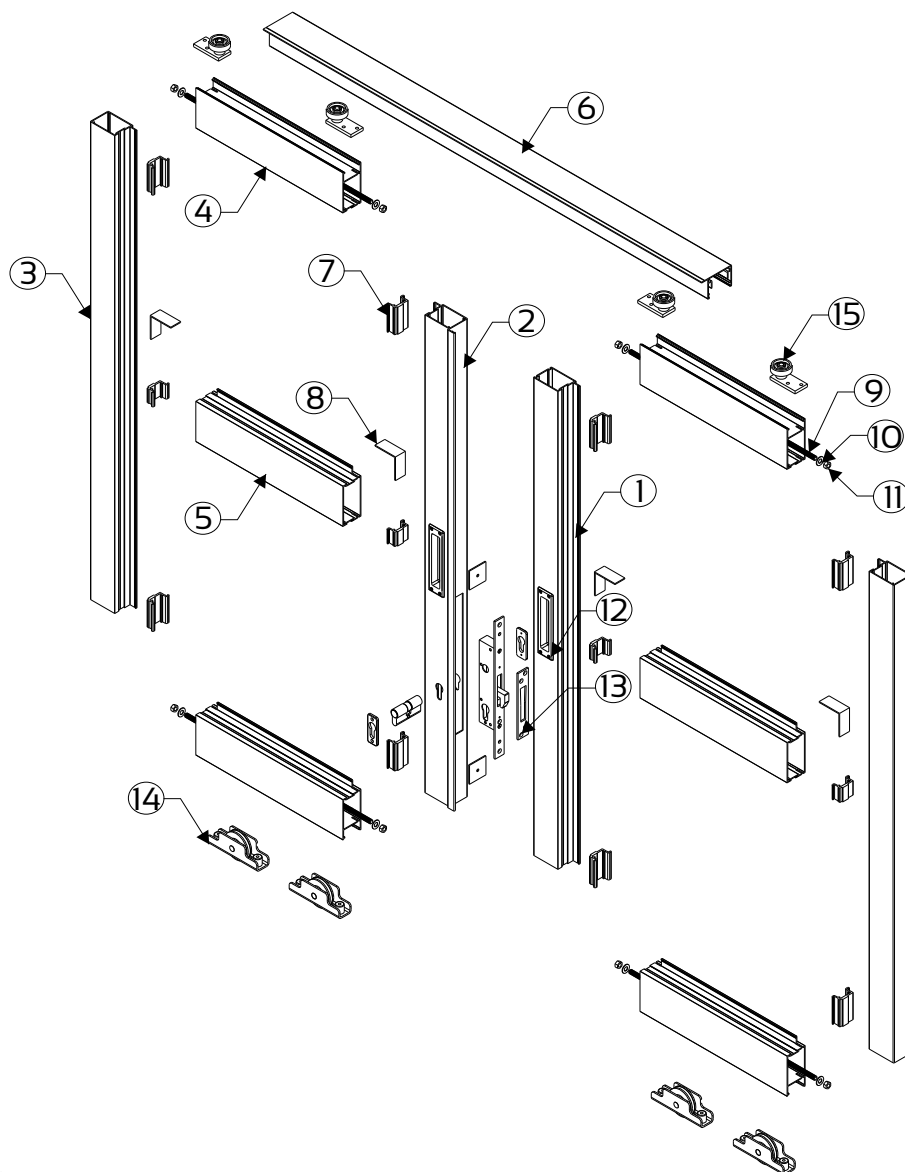


SECTION B-B
Section not to scale



SECTION A - A
Section not to scale





System Profiles

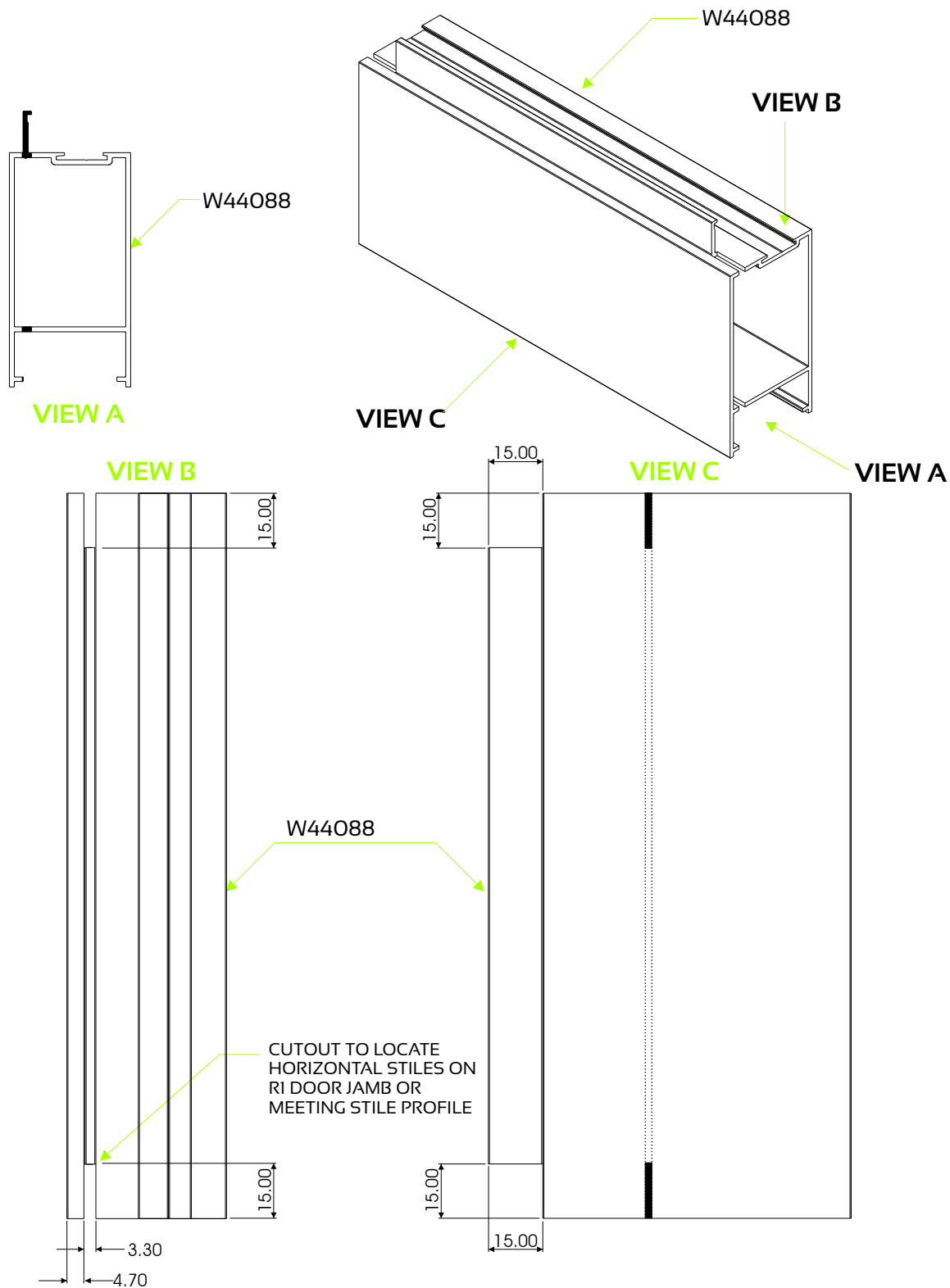
ITEM	QTY	DIE No.	DESCRIPTION
1	1	W53666	RIIW D/Stile 60mm W/Pile
2	1	W53566	RIISP D/Stile 60mm
3	2	W53099	RII Door Stile 60mm
4	4	W44088	R4 Head/Sill Rail 85mm
5	2	W44089	R4 Special Mid Rail 85mm
6	1	W26198	Sliding Door Head Rail

Hardware

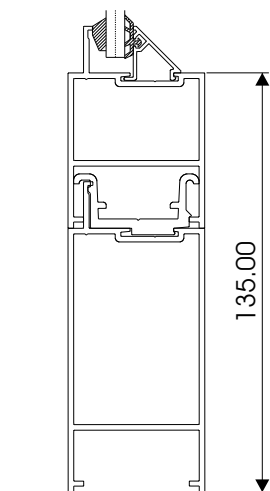
ITEM	QTY	COMPONENT	DESCRIPTION
7	12	Spigot	Spigot
8	4	Equal Leg	Equal Leg
9	4	Nut	Nut Galv 8mm Rod
10	8	Washer	Washer Galv 8mm Rod
11	8	Threaded Rod	8mm Threaded Rod Galv 3M
12	2	Handle	Flush Pull Handle PVC
13	1	Hook Lock Set	CISA Hook Lock 25mm Backset
14	2	Roller	Roller Nylon Heavy Duty
15	4	Top Guide Roller	S/F Sliding Top Guide Roller

Sill Machining Detail

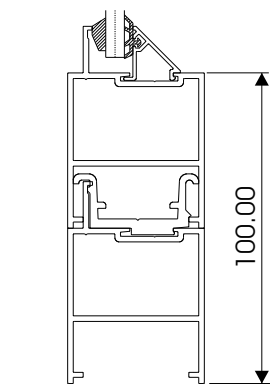
to suit all Sill Combinations



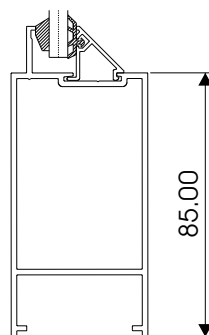
Sill Combinations



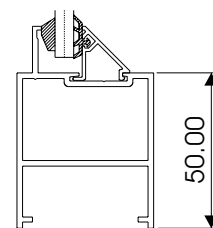
R7 + R4
(W44087 + W44088)



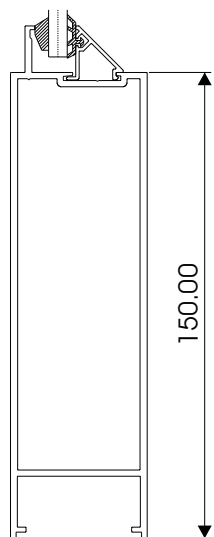
R7 + R7
(W44087 + W44087)



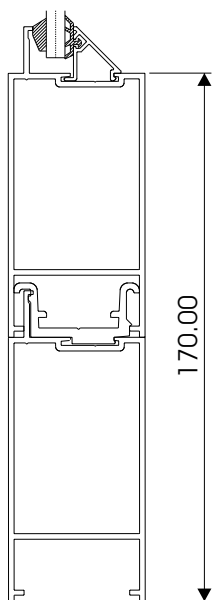
R4
(W44088)



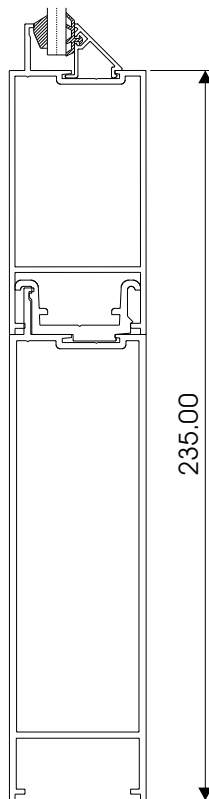
R7
(W44087)



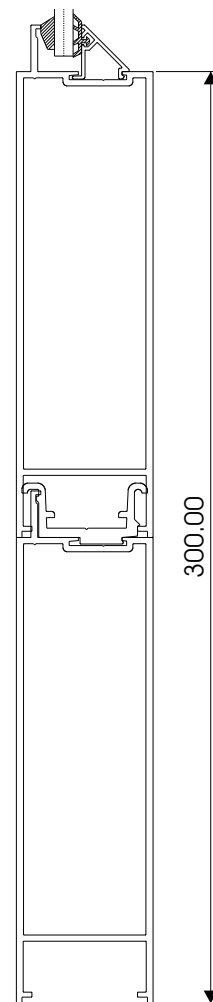
R6
(W44094)



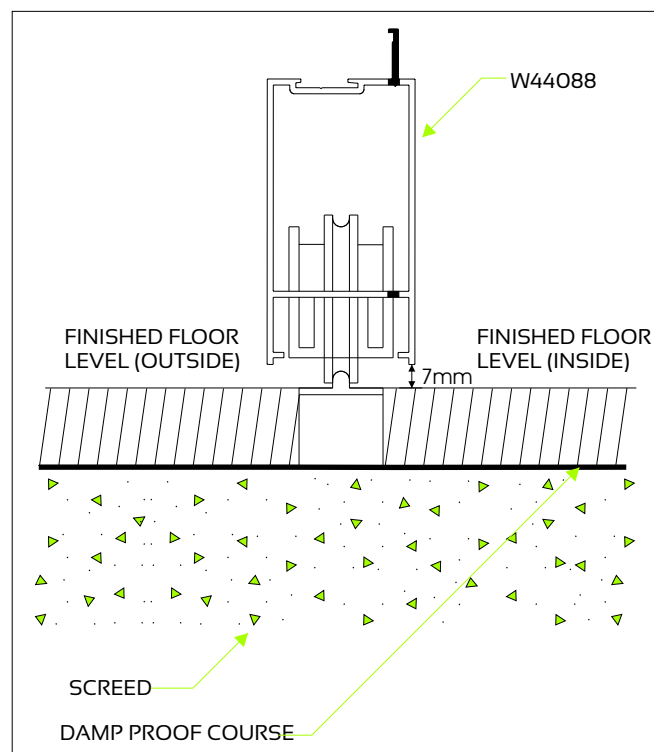
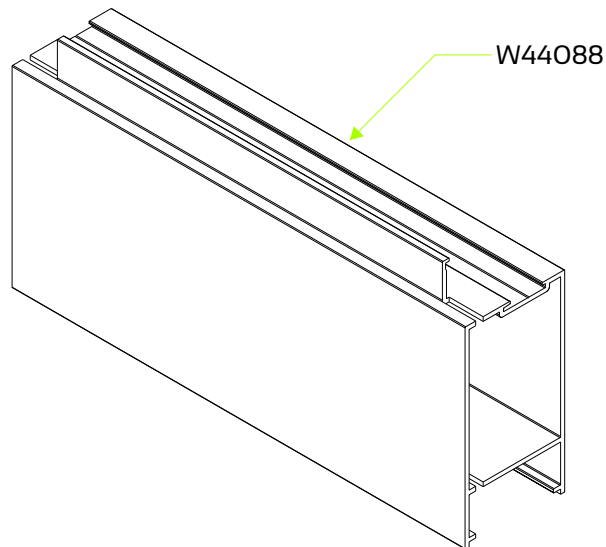
R4 + R4
(W44088 + W44088)



R4 + R6
(W44088 + W44094)

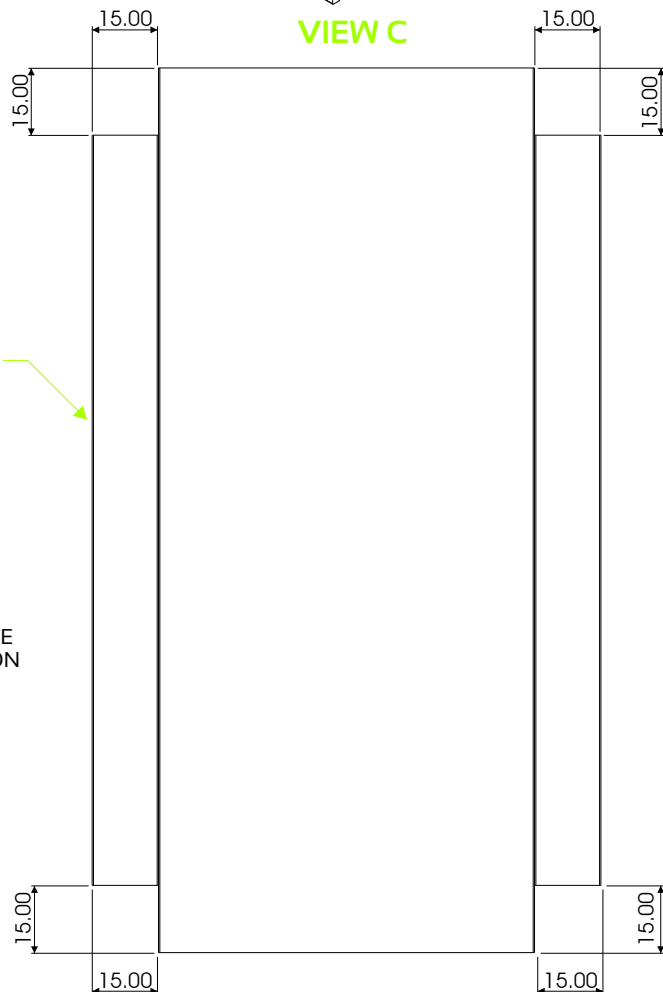
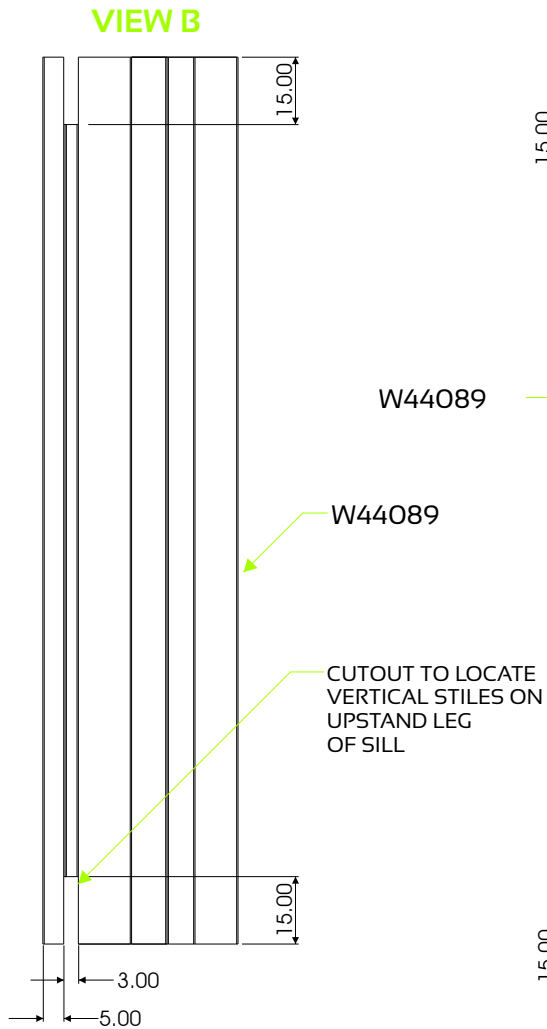
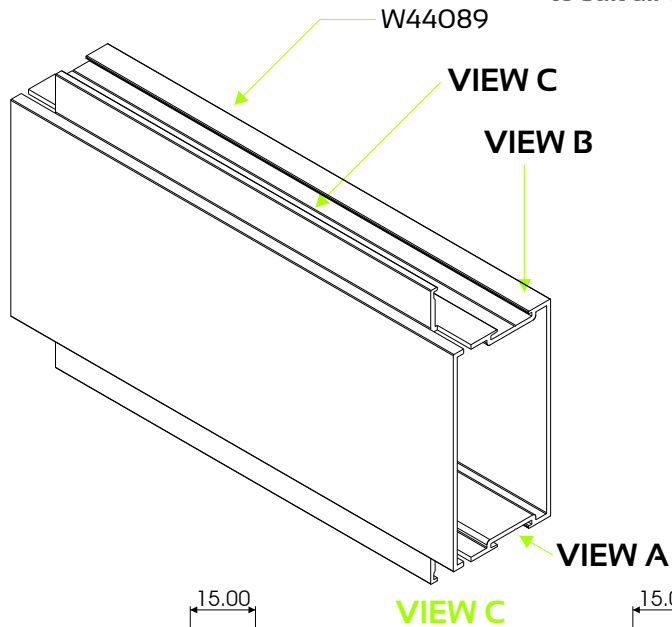
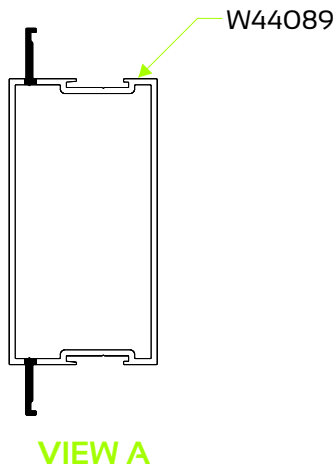


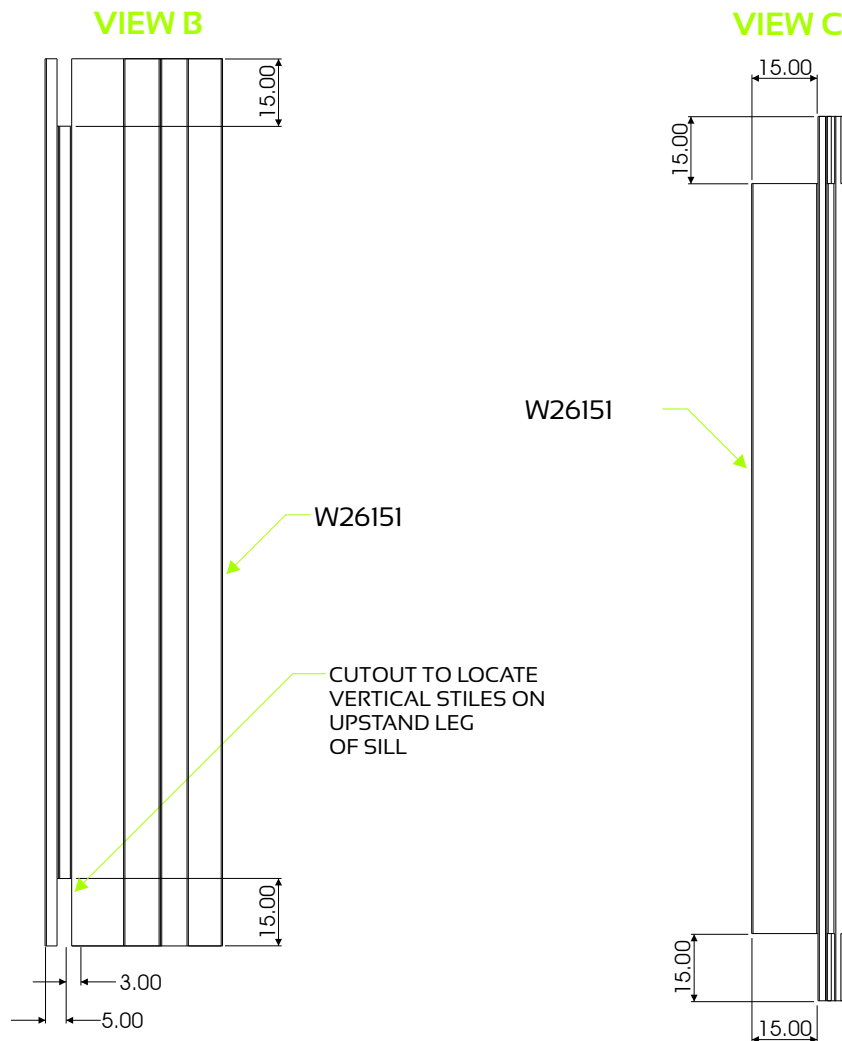
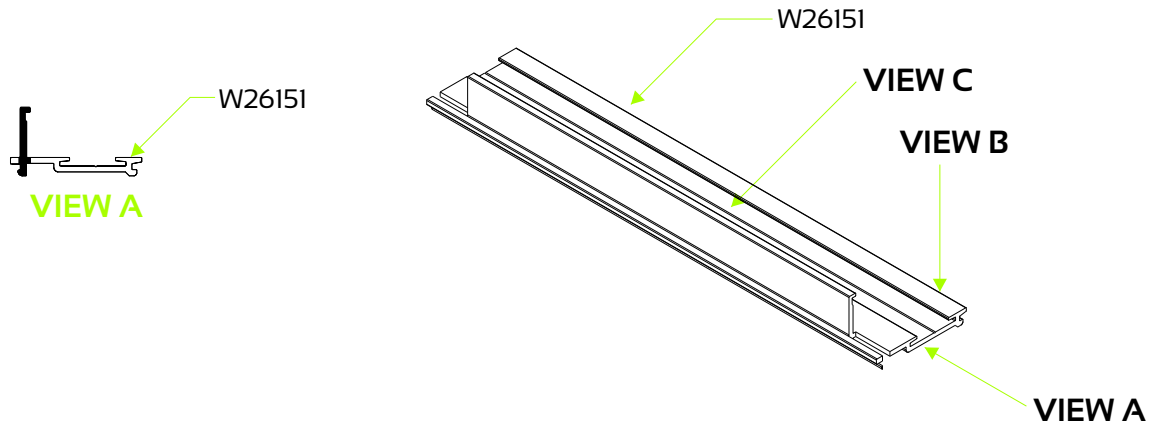
R6 + R6
(W44094 + W44094)

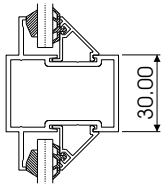


Midrail Machining Detail

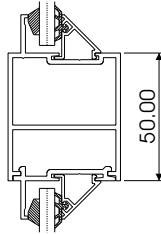
to suit all Combinations



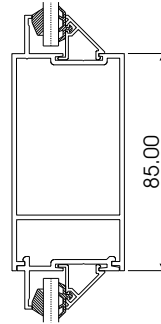




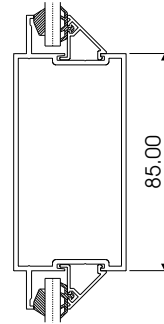
W44
(W53033)



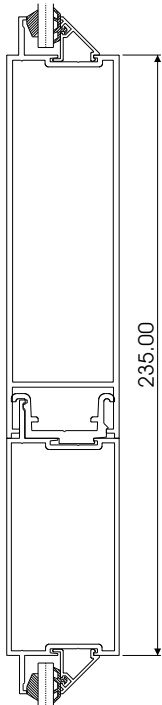
R7 + R4 FILLER
(W44087 + W26151)



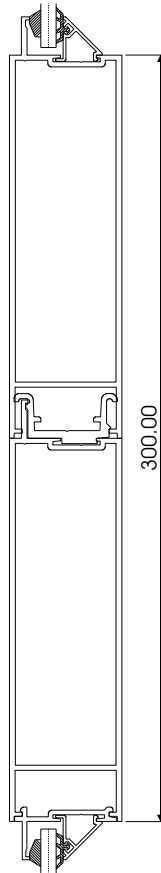
R4 + R4 FILLER
(W44088 + W26151)



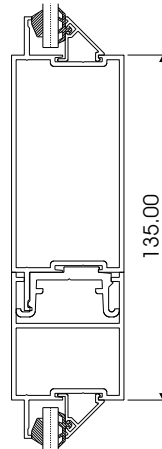
R4SP
(W44089)



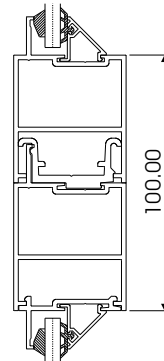
R6 + R4SP
(W44089)



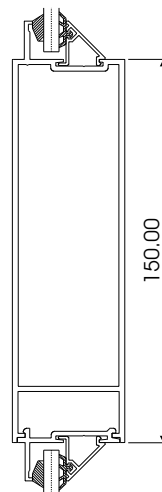
R6 + R6 + R4 FILLER
(W44094 + W44094 +
W26151)



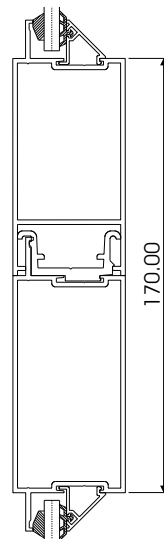
R7 + R4SP
(W44087 + W44089)



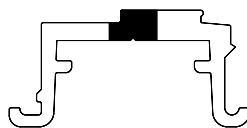
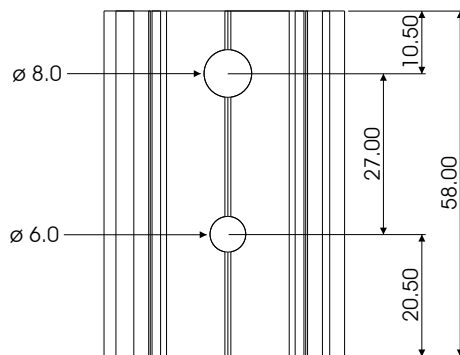
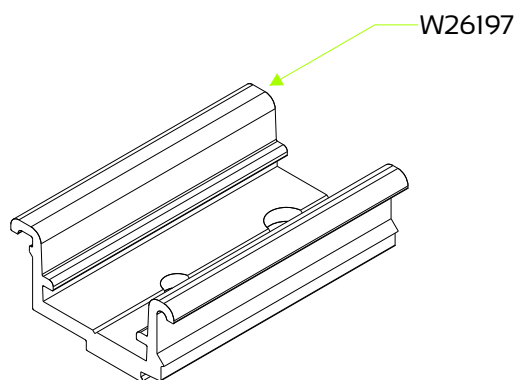
R7 + R7 + R4 FILLER
(W44087 + W44087 +
W26151)



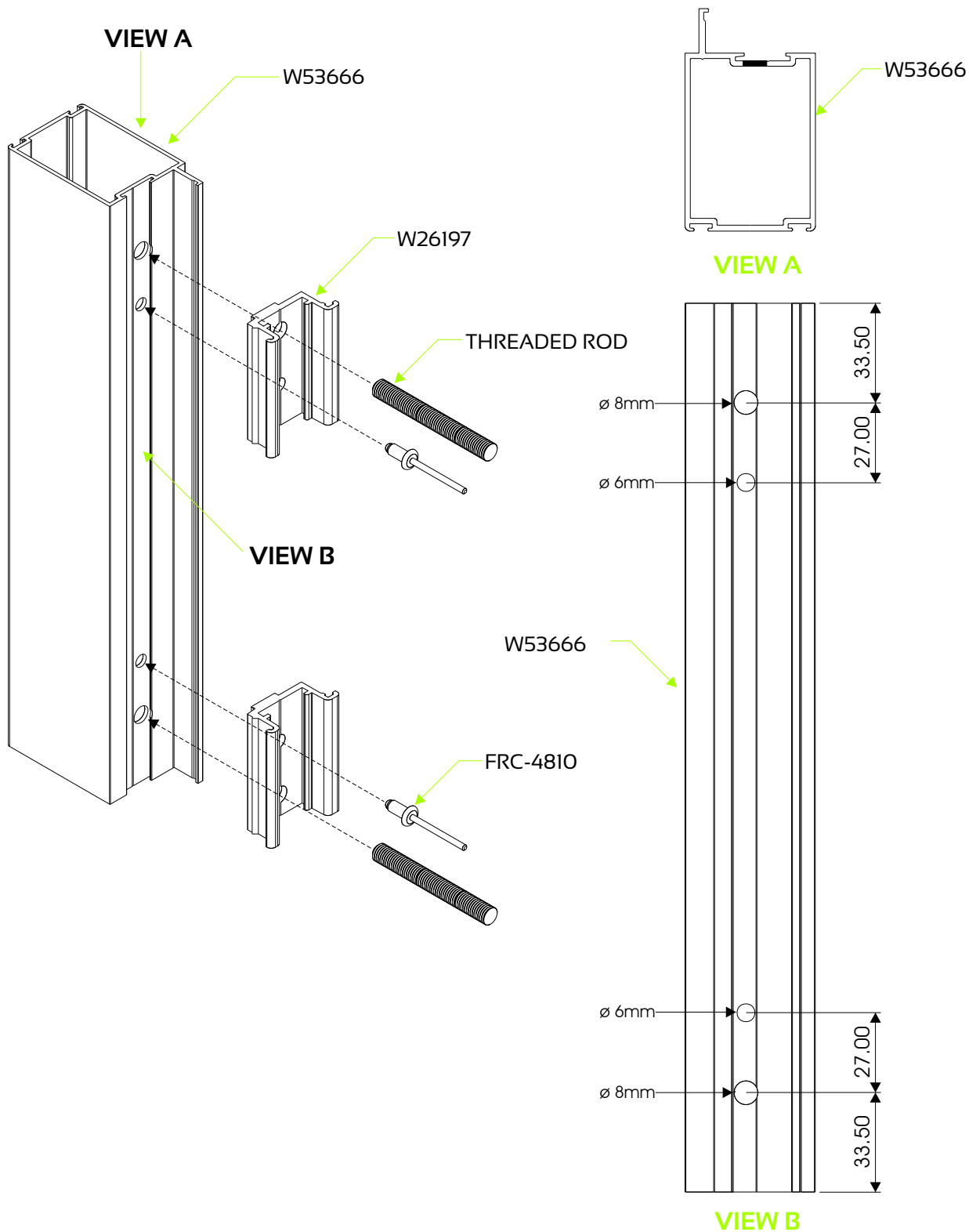
R6 + R4 FILLER
(W44094 + W26151)

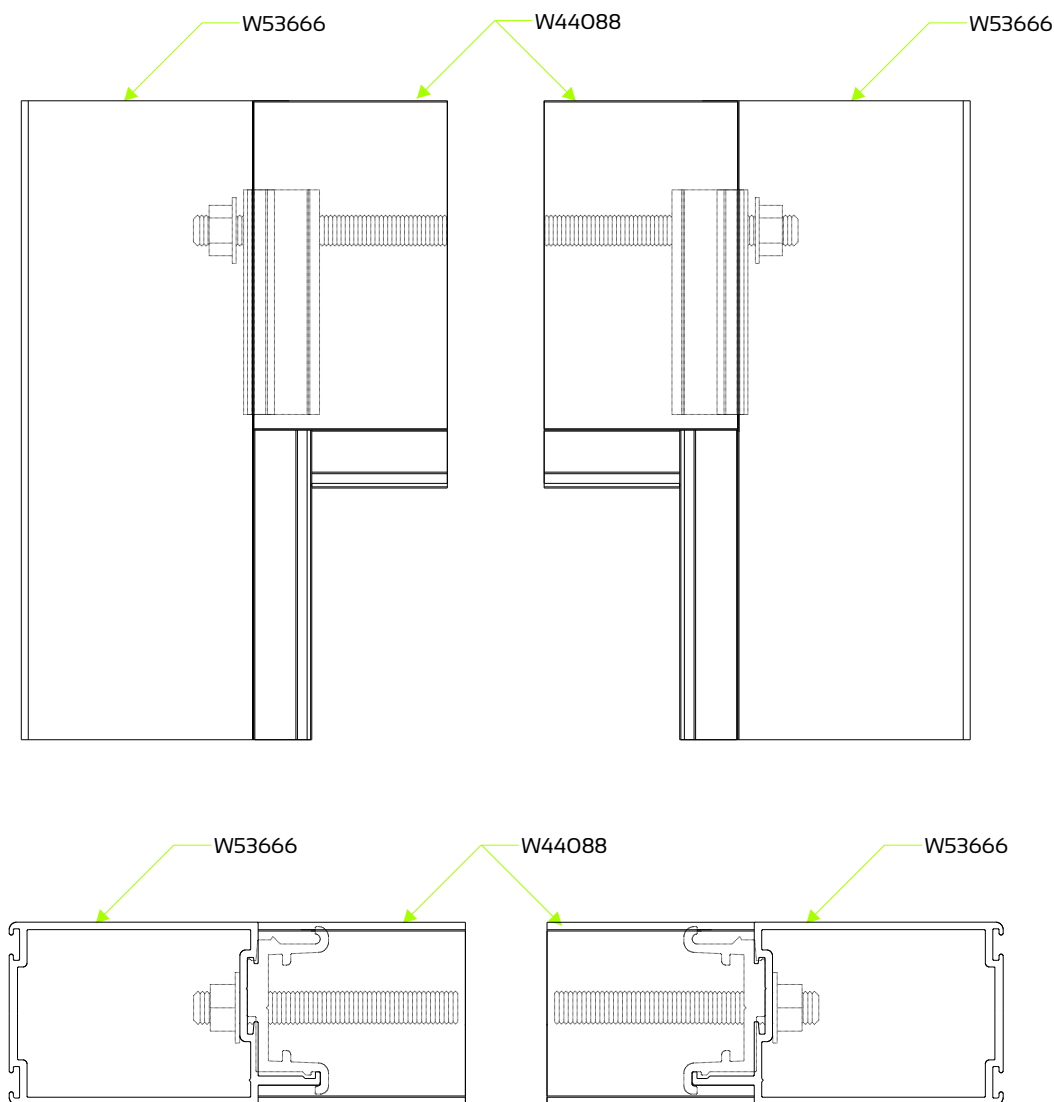


R4 + R4SP
(W44089+W44089)



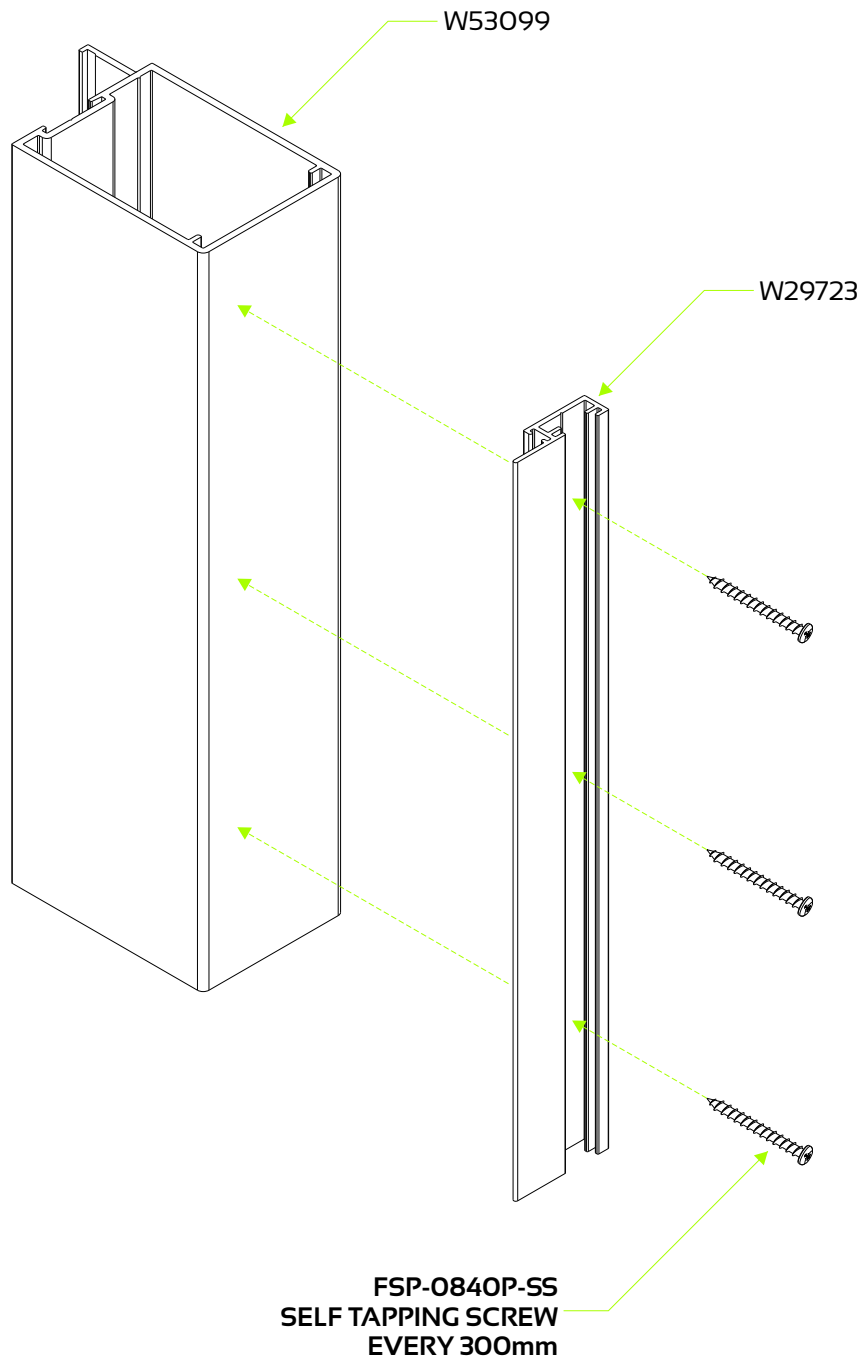
Door Stile Machining Detail

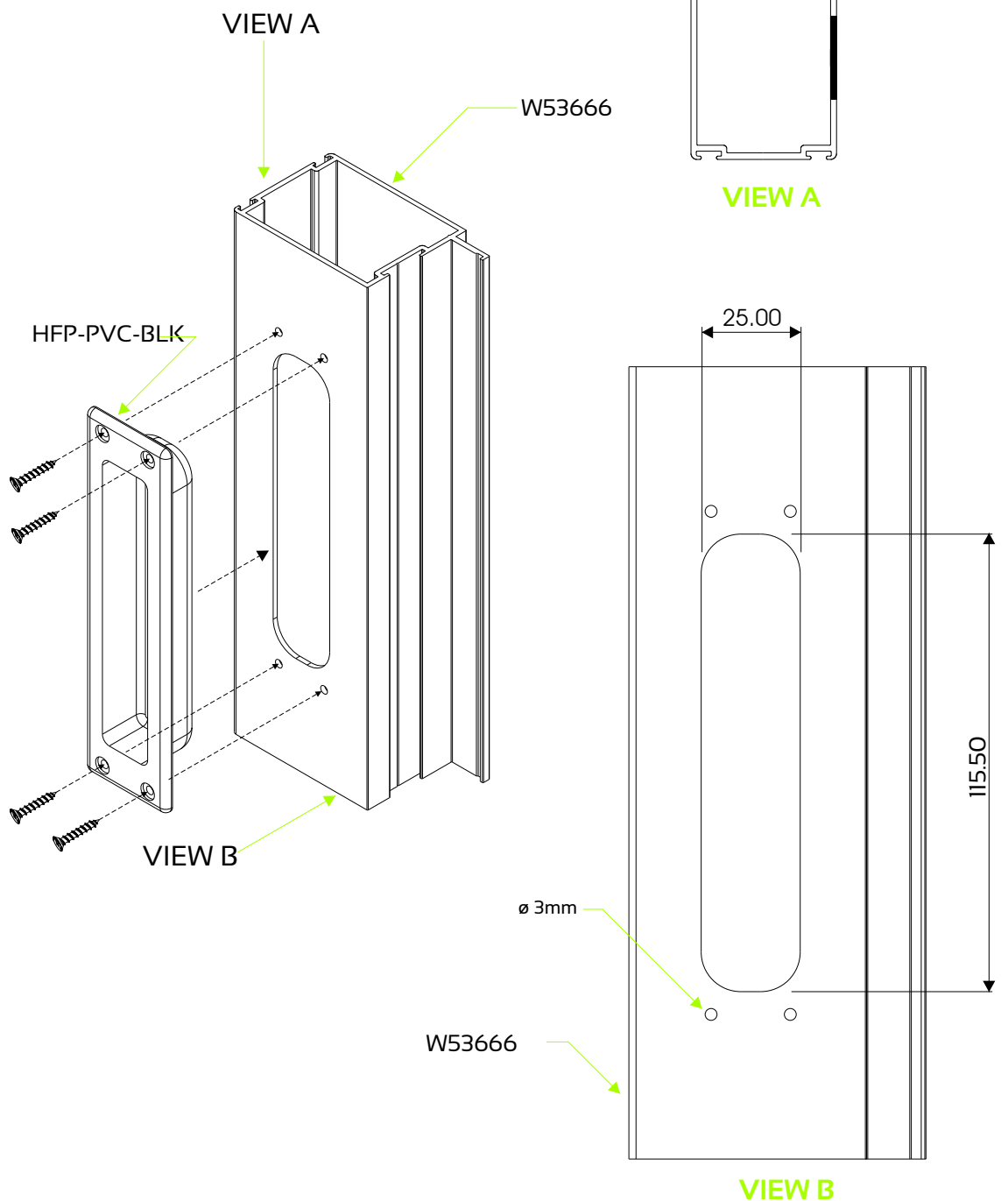


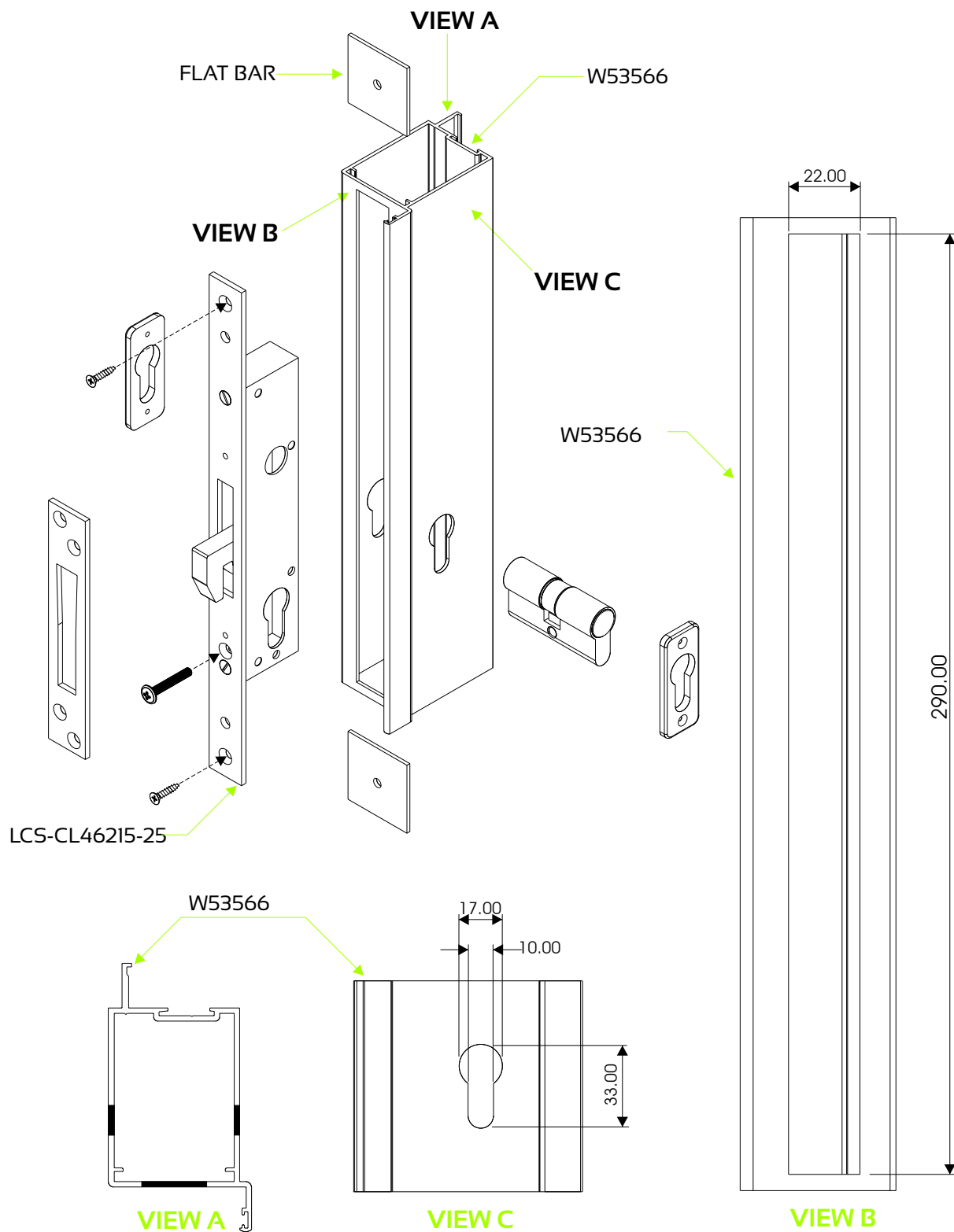


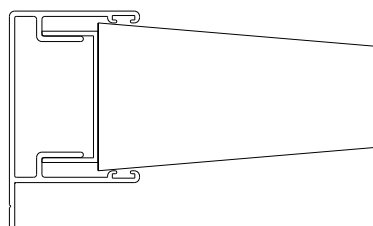
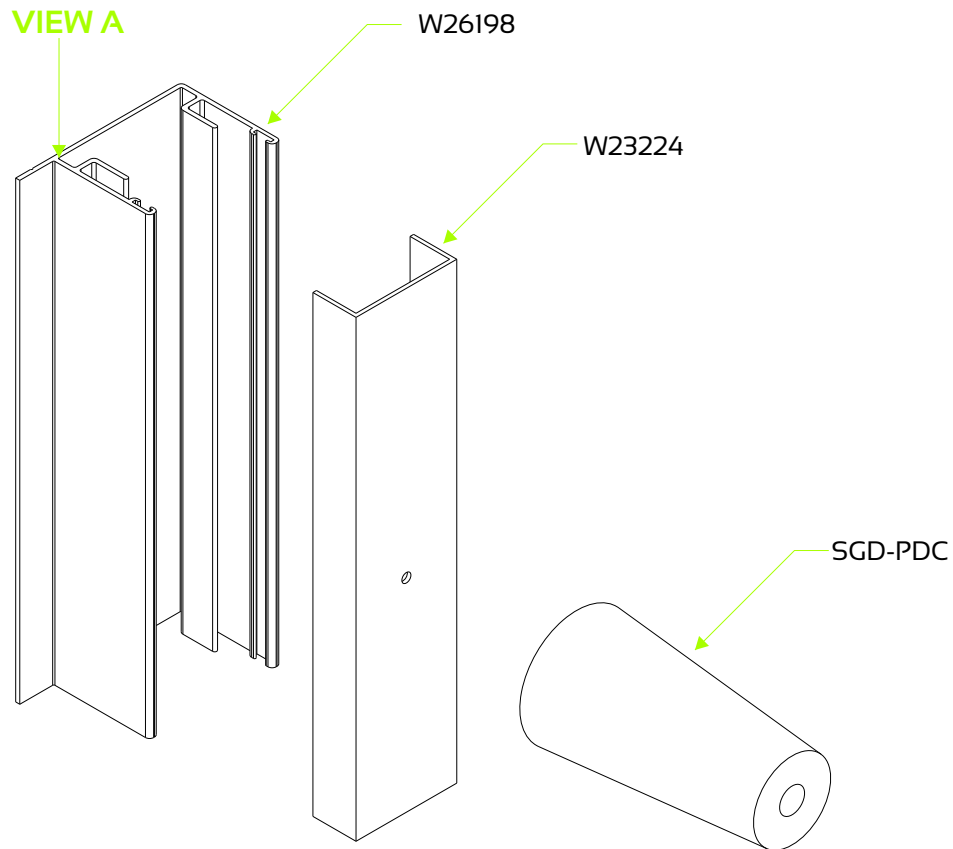
DETAIL TYPICAL TO HEAD AND SILL OF SLIDING DOOR

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.



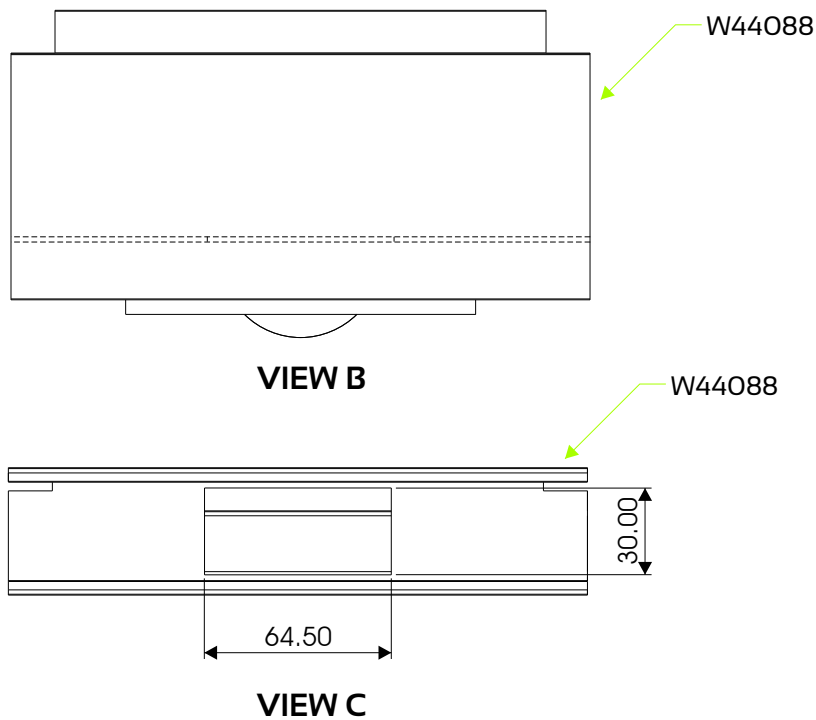
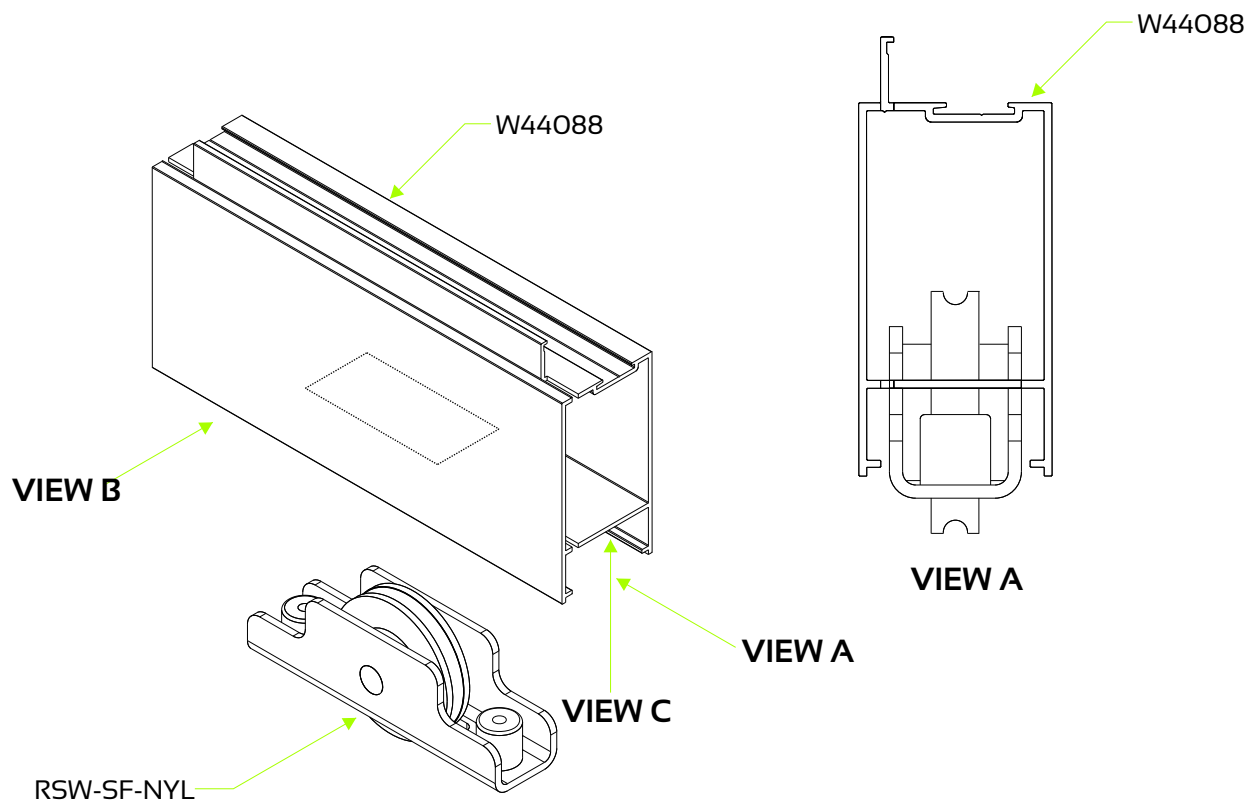


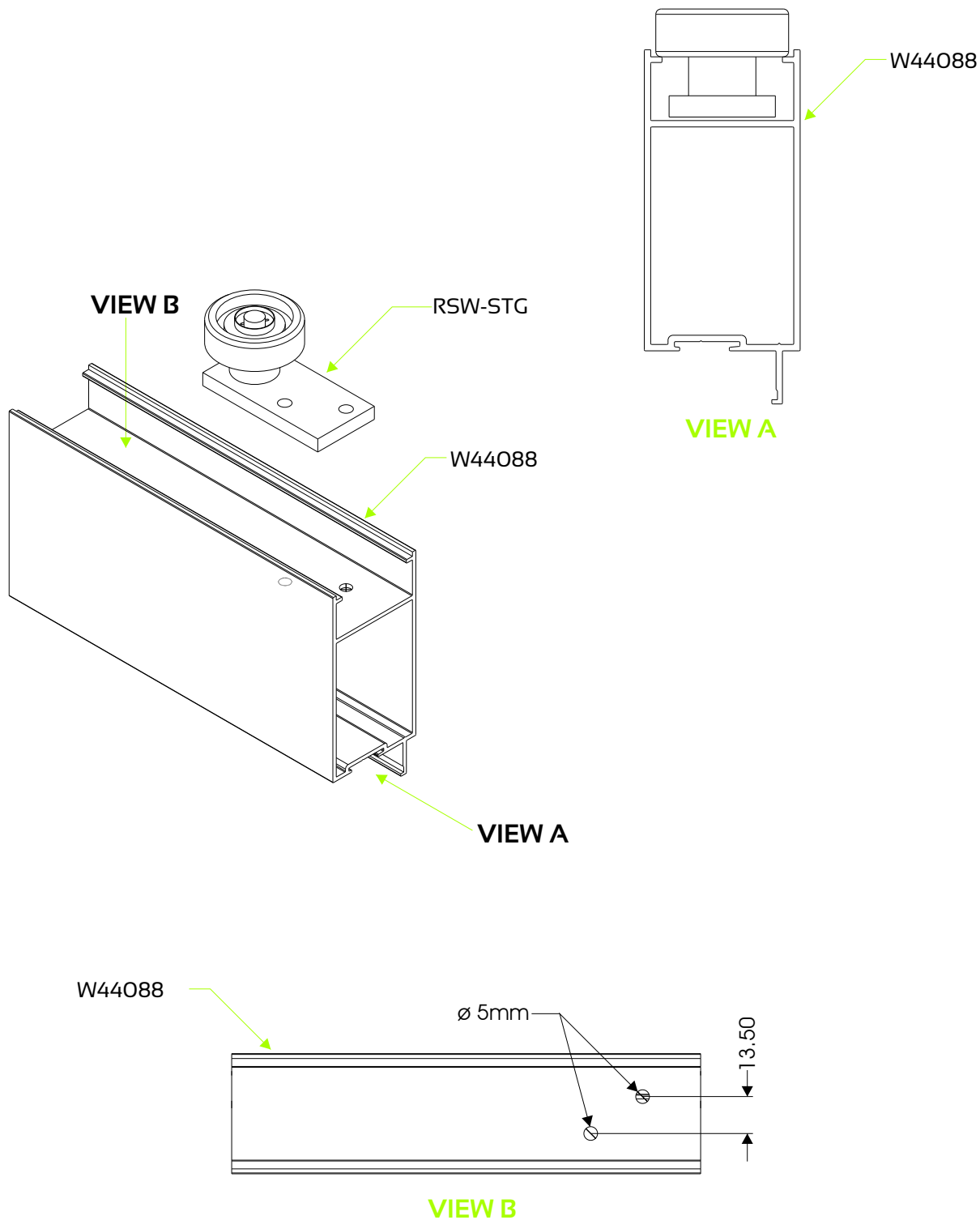




VIEW A

Roller





GLAZING

1. SELECTION OF GLAZING METHODS

1.1 SETTING AND LOCATION BLOCKS

Glass-to-metal contact must be avoided at all times by using setting and location blocks having a hardness of 50° to 90° shore A durometer. Use only blocks made of Neoprene, EPDM, Silicone or other elastomeric material.

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

The position of the setting and location blocks is illustrated in Figure 2.

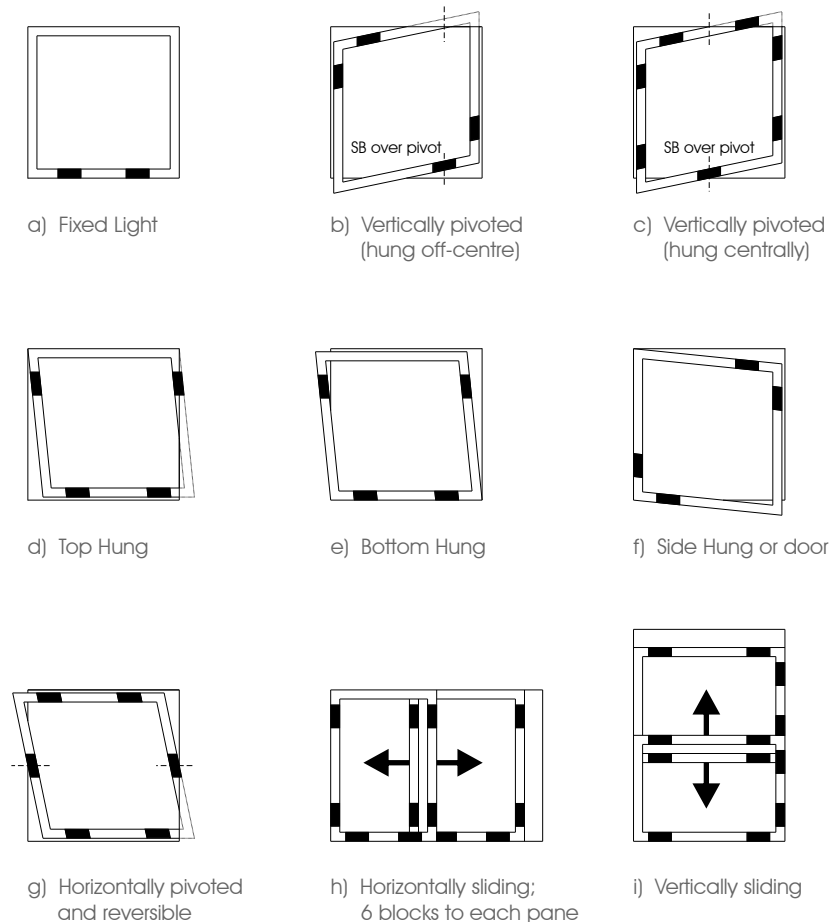


FIGURE 2 - POSITION OF SETTING AND LOCATION BLOCKS