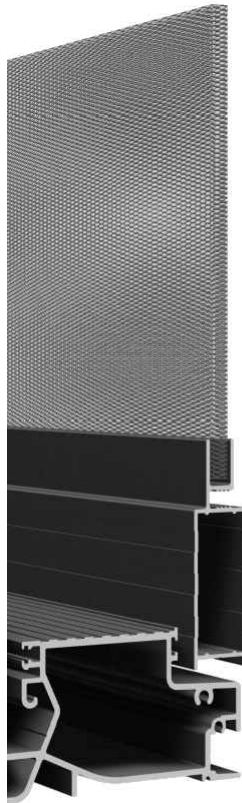


Flydoor / Barrier Door Technical manual



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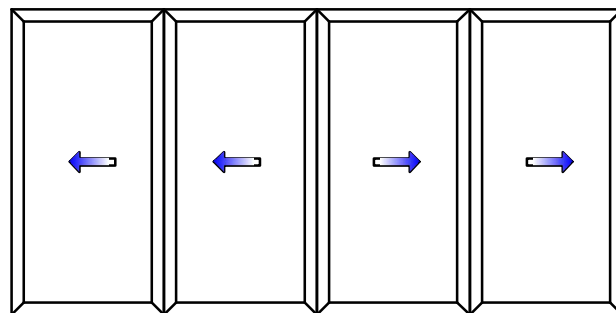
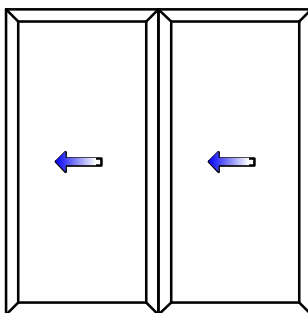
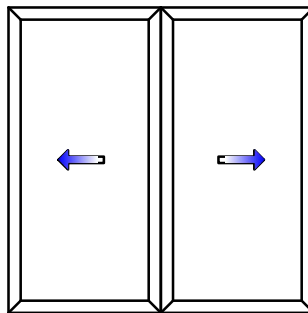
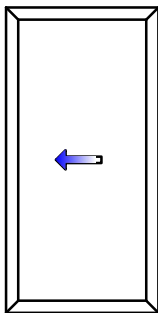
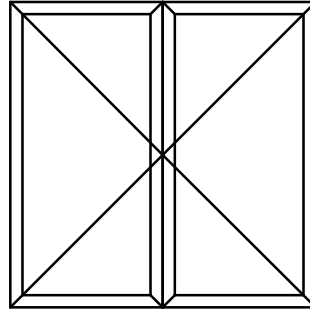
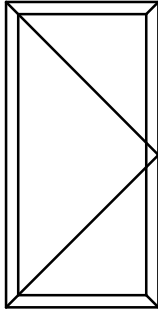
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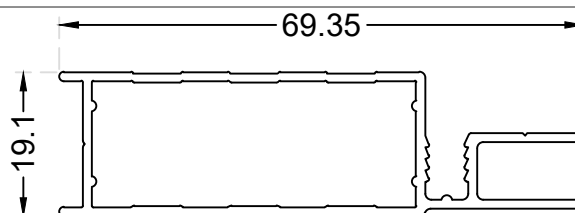
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Manual history

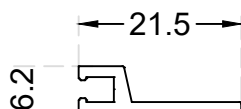
Manual created	<i>Sep 2024</i>
Updated 5.5m packer code	<i>May 2022</i>
Added PR0129 J Bead	<i>June 2022</i>
Added CPC5 Guide	<i>March 2022</i>
E-kit hardware machining added	<i>August 2025</i>



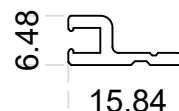
Flydoor / Barrier Door



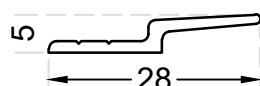
FLY DOOR FRAME	
Part no.	Length
DF7	6000



20MM BUG STRIP	
Part no.	Length
CS2	4300



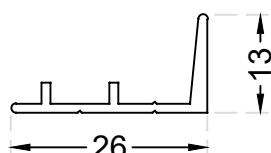
15MM BUG STRIP	
Part no.	Length
CS1	4300



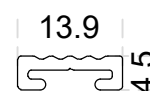
30MM INTERLOCK	
Part no.	Length
CS3	4800



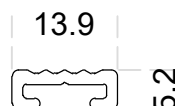
20MM INTERLOCK	
Part no.	Length
CS4	4800



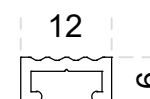
FRAME INTERLOCK	
Part no.	Length
CS5	4800



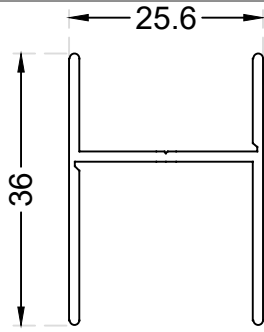
4MM PACKER	
Part no.	Length
CS9	3000



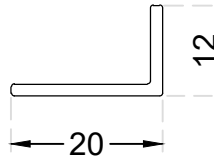
5.5MM PACKER	
Part no.	Length
CS13	3000



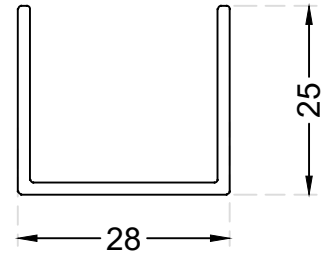
6MM PACKER	
Part no.	Length
CS18	3000



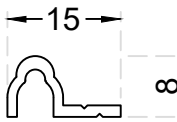
CHANNEL RECEIVER	
Part no.	Length
CS19	6500



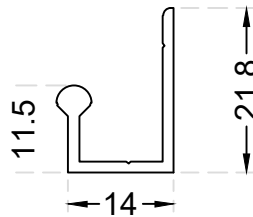
20X12X1.6 ANGLE	
Part no.	Length
A201216	6500



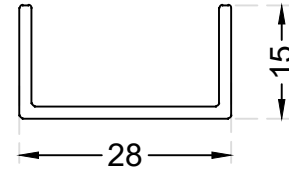
28mm x 25mm x 1.6mm Top Track	
Part no.	Length
CS26	4200



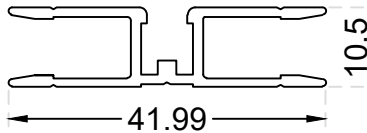
15mm Sliding Door Bottom Track	
Part no.	Length
CS10	4300



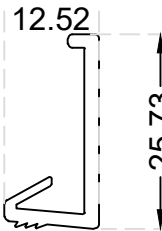
15mm Door Bottom Track	
Part no.	Length
CS11	4300



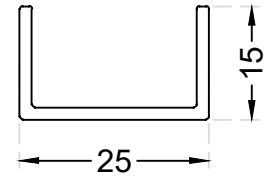
28mm x 15mm x 1.6mm Channel	
Part no.	Length
CS28	4200



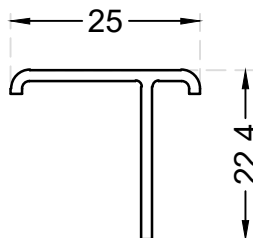
MIDRAIL	
Part no.	Length
CS8	4300



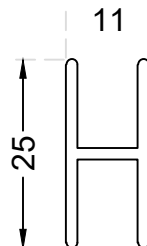
RIGID J-BEAD	
Part no.	Length
PR0129	2800



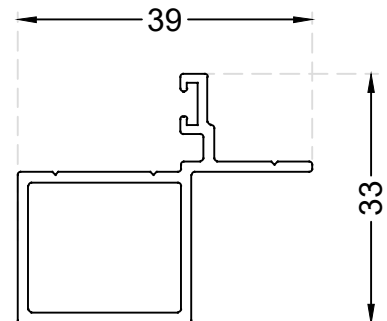
25mm x 15mm x 1.6mm Door Jamb	
Part no.	Length
CS27	4200



T MULLION	
Part no.	Length
CS14	4300



MIDRAIL	
Part no.	Length
CS12	6000



FLYDOOR JAMB	
Part no.	Length
CS15	5200

Flydoor / Barrier Door



Austral Elegance Hinge Door Lock		
Part no.	Pack Size	
ELXC	1	



Austral Elegance Push2Go Hinge Door Lock		
Part no.	Pack Size	
ELP2G	1	



Austral Hinge Door Triple Lock Kit		
Part no.	Pack Size	
EKIT-H	1	



Wide Strike Plate		
Part no.	Pack Size	
SP1	1	



Hinge Door Closer		
Part no.	Pack Size	
DC1	1	



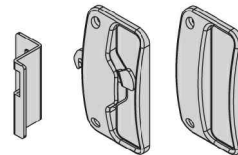
Austral Wafer Cylinder		
Part no.	Pack Size	
SD-CYLINDER	1	



Austral Sliding Door Lock		
Part no.	Pack Size	
SD7	1	



Austral Horizon Sliding Door Lock		
Part no.	Pack Size	
SD9H	1	



Sliding Door Latch Lock		
Part no.	Pack Size	
5163	1	



Security Door Corner Stake		
Part no.	Pack Size	
CS70	200	



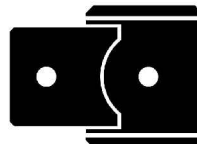
Security Door Roller		
Part no.	Pack Size	
CPC6	250	



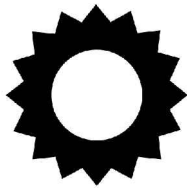
Security Door Hinge		
Part no.	Pack Size	
DH1	1	



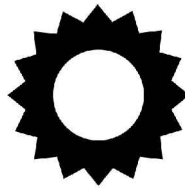
Super Wedge		
Part no.	Length	
SUPERWEDGE	3100	



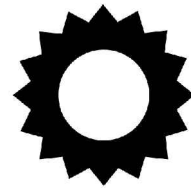
Sliding Door Guide		
Part no.	Pack Size	
CPC5	1	



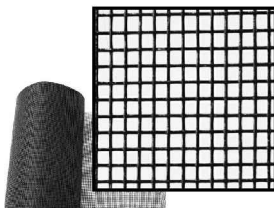
5.7mm Spline	
Part no.	Pack Size
FS5.7	300m



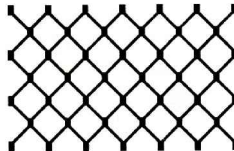
5.0mm Spline	
Part no.	Pack Size
FS5.0	300m



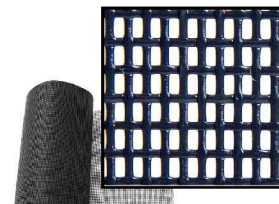
5.3mm Spline	
Part no.	Pack Size
FS5.3	300m



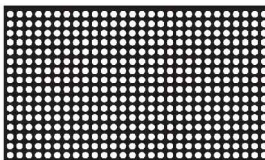
Fibreglass Flyscreen Mesh	
Part no.	Pack Size
CFM	various



Diamond Grilles	
Part no.	Pack Size
CG	various



Pet Mesh	
Part no.	Pack Size
PET	various



Perforated Mesh	
Part no.	Pack Size
PM	various



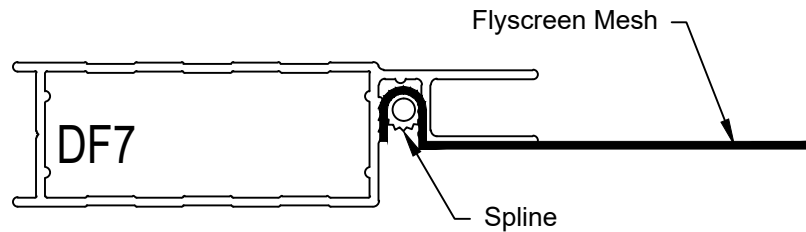
Vision Guard One Way Mesh	
Part no.	Pack Size
PD	various



316 Stainless Steel Mesh	
Part no.	Pack Size
SS	various

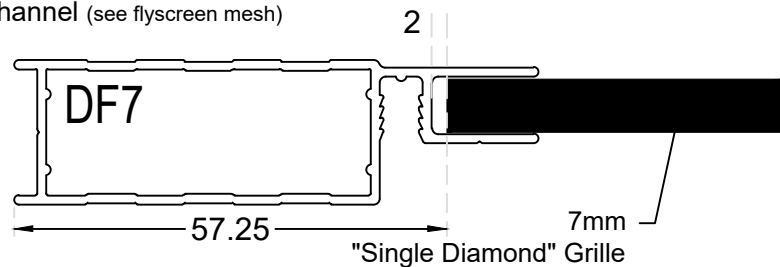
Flyscreen Mesh

Includes CFM, AFM and PETMESH
Mesh inserted into secondary channel and wedged with spline.
Fibreglass CFM - SPLINE 5.7
Aluminium AFM - SPLINE 5.4
PET Mesh - SPLINE 4.7



Diamond Grille (CG)

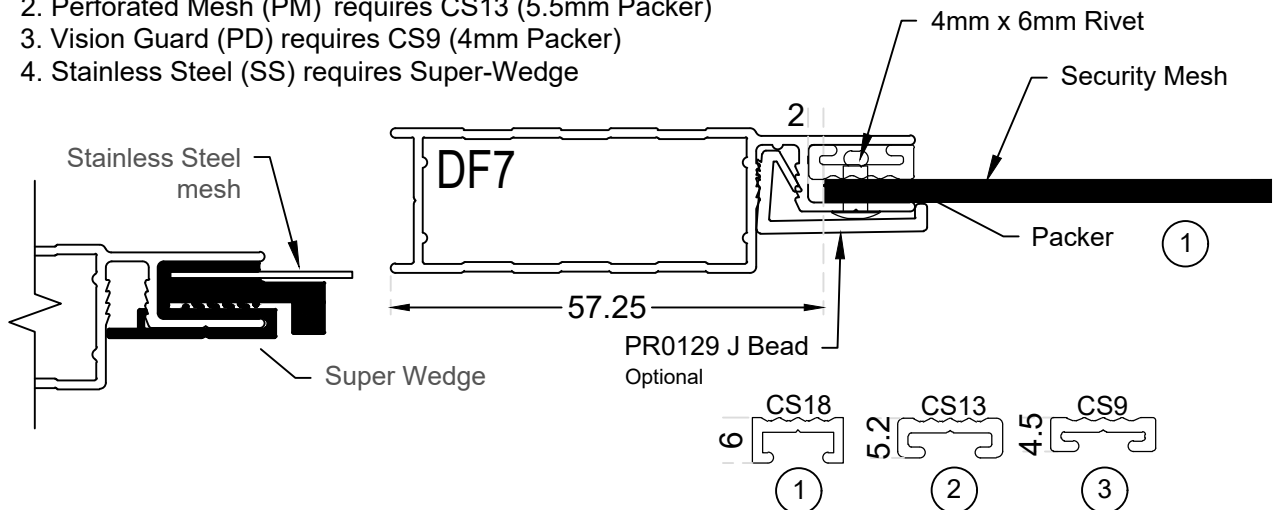
Diamond grille is fitted inside primary channel.
Can also be fitted with Flyscreen Mesh (AFM/CFM) or DVA mesh as an additional option into the secondary channel (see flyscreen mesh)



Security Mesh

Includes Galvanized (GM), Perforated (PM) and Vision Guard (PD) mesh types.
Mesh is fitted inside the primary channel. Packers are inserted into the primary channel to fill the void, and then secured with pop rivets (maximum 400mm spacing)

1. Galvanized Mesh (GM) requires CS18 (6mm Packer)
2. Perforated Mesh (PM) requires CS13 (5.5mm Packer)
3. Vision Guard (PD) requires CS9 (4mm Packer)
4. Stainless Steel (SS) requires Super-Wedge



Fiberglass Flyscreen Mesh (CFM)

Standard insect screening mesh
PVC coated fiberglass yarn
0.25mm diameter yarn
18 x 14 strands per inch
High corrosion resistance
High UV resistance
Low strength flyscreen
Available in roll sizes: 610mm, 760mm, 810mm, 910mm, 1220mm

Aluminium Flyscreen Mesh (AFM)

Aluminium insect screening mesh
Powder coated aluminium
0.23mm diameter wire
18 x 16 strands per inch
Medium corrosion resistance
High UV resistance
Medium strength flyscreen
Available in roll sizes: 750mm, 800mm, 900mm, 1200mm

Pet Mesh (PETMESH)

Heavy duty insect screening mesh
Heavy duty vinyl coated polyester yarn
0.65mm diameter wire
10 x 16 strands per inch
High corrosion resistance
High UV resistance
High strength flyscreen
Available in roll sizes: 910mm, 1220mm

DVA Mesh (DVA)

1.3mm Light duty 1-way privacy security mesh
Powdercoated aluminium alloy mesh
High corrosion resistance
High UV resistance
Available in sizes: 750x2000, 900x2000, 1200x2200, 1200x2400

Diamond Grille (CG)

7mm Diamond Grille
Standard single diamond pattern
Powdercoated tempered aluminium alloy
7mm Strand width
High corrosion resistance
High UV resistance
Available in sizes: 750x2050, 750x2450, 835x2050, 835x2450, 920x2050, 920x2450, 1250x2050, 1250x2450

Perforated Security mesh (PM)

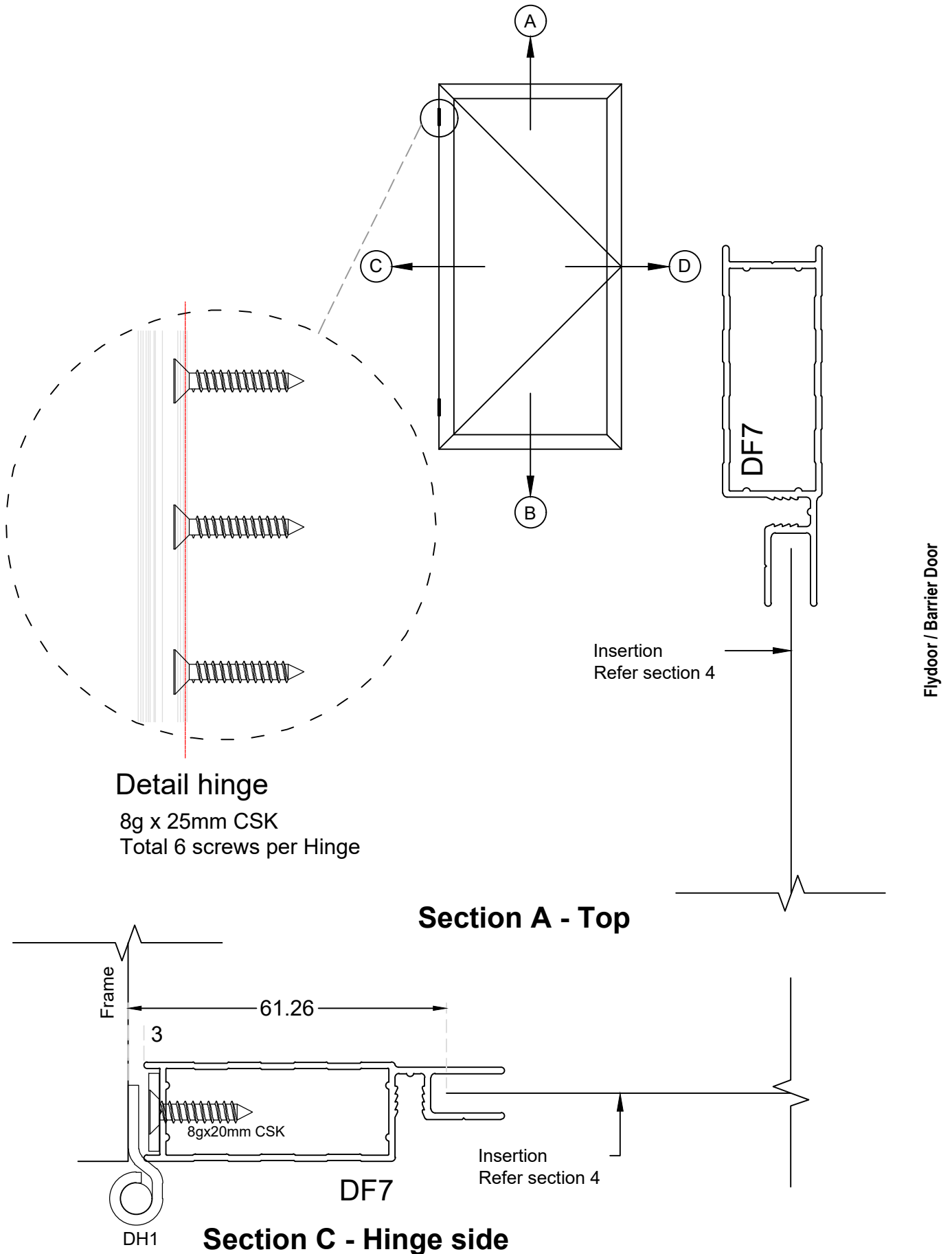
Heavy duty security mesh
2.2mm powder coated aluminium
2.0mm diameter punched perforations
High corrosion resistance
High UV resistance
Available in sizes: 750x2000, 750x2400, 900x2000, 900x2400, 1200x2000, 1200x2400

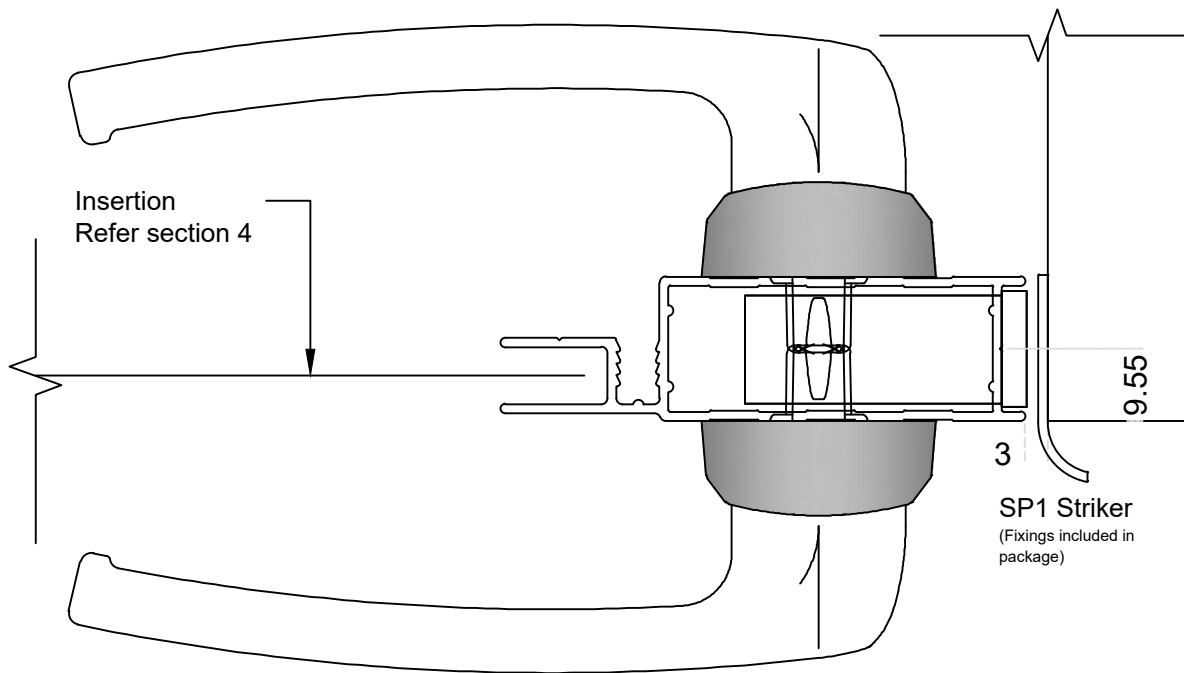
Vision Guard Security mesh (PD)

Heavy duty 1-way privacy security mesh
2.8mm Powdercoated aluminium alloy mesh
High corrosion resistance
High UV resistance
Available in sizes: 750x2000, 750x2400, 900x2000, 900x2400, 1200x2000, 1200x2400

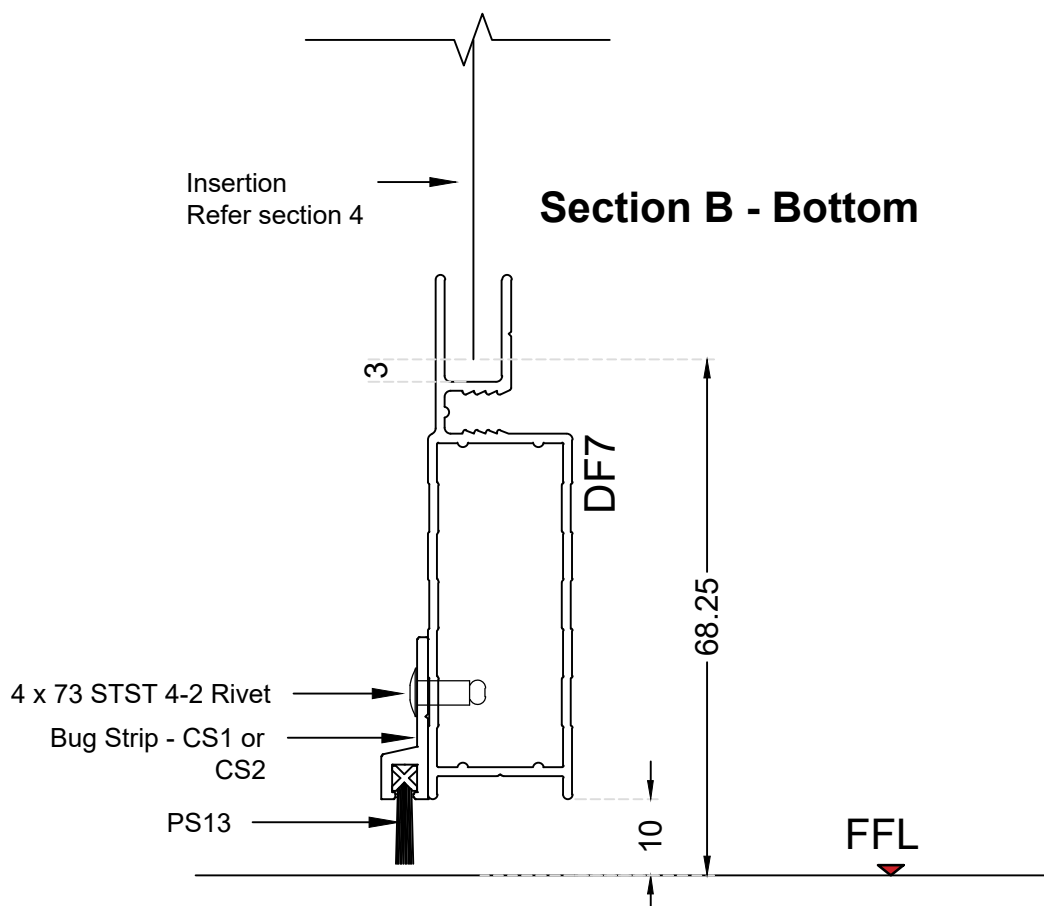
316 Stainless Steel Meshes (SS)

Heavy duty 1-way privacy security mesh
0.8mm Powdercoated Stainless Steel 316H alloy mesh
High corrosion resistance
Temperature stress from -200°C up to 925°C
Available in sizes: 750x2000, 750x2400, 900x2000, 900x2400, 1200x2000, 1200x2400

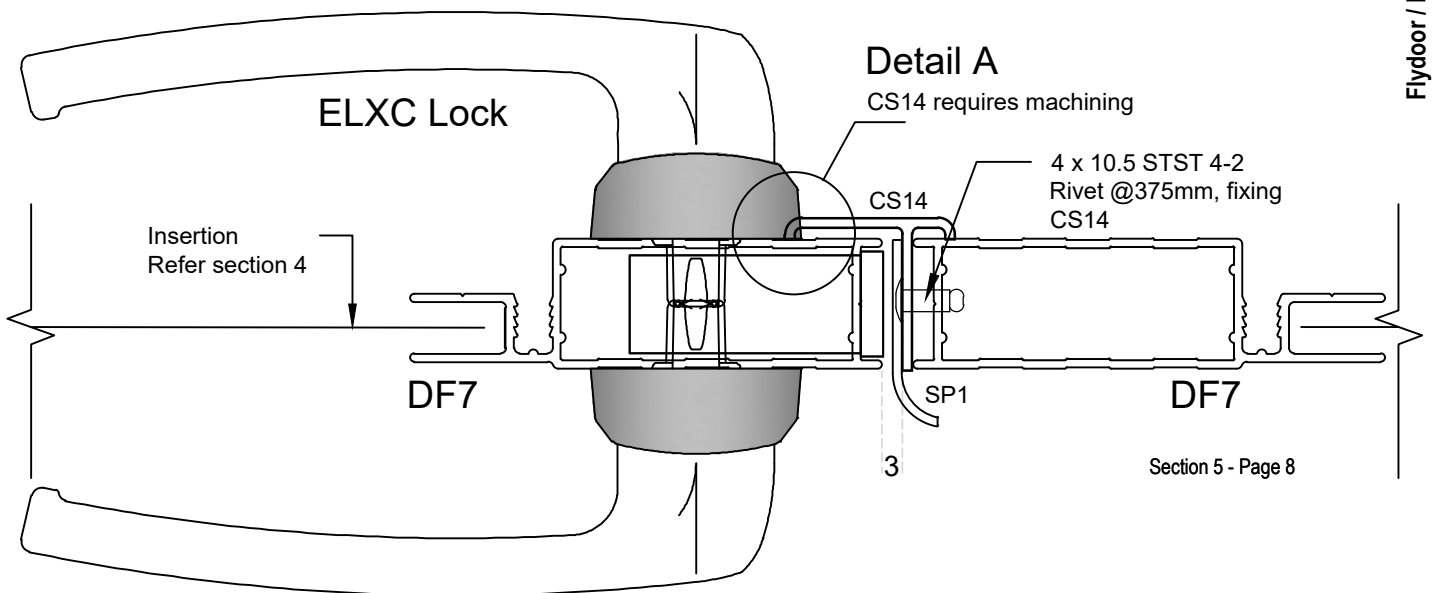
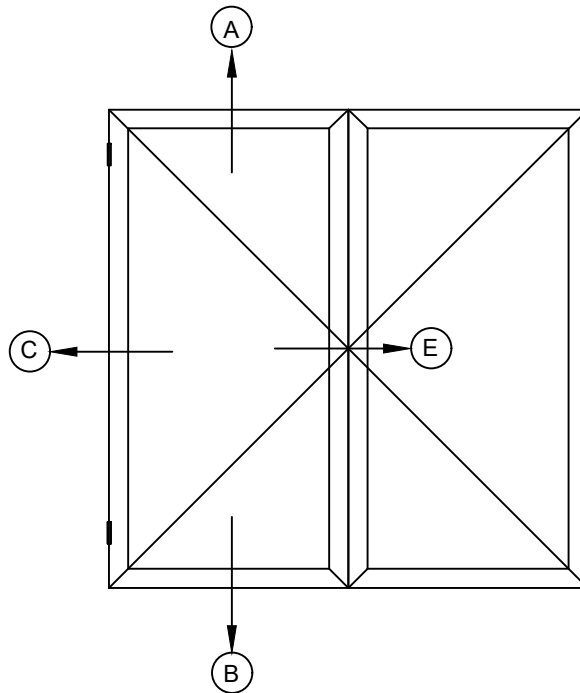




Section D - Lock side

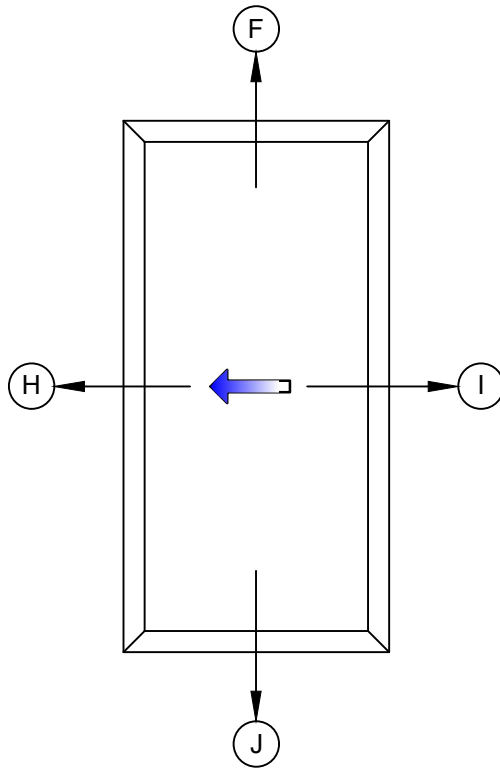


Flydoor / Barrier Door

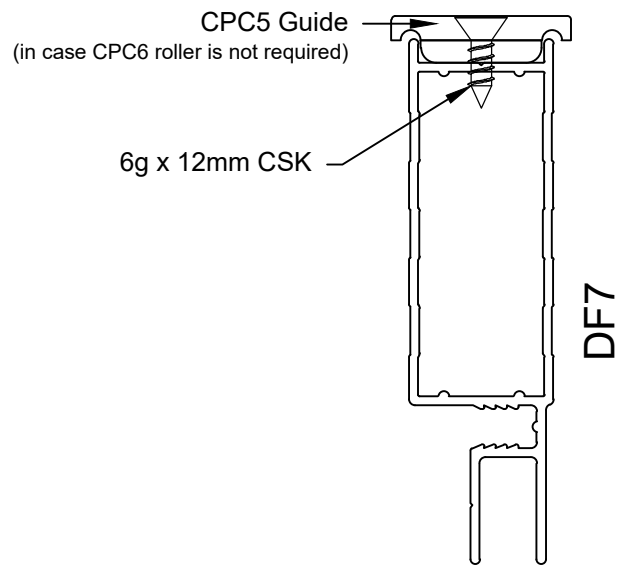


Flydoor / Barrier Door

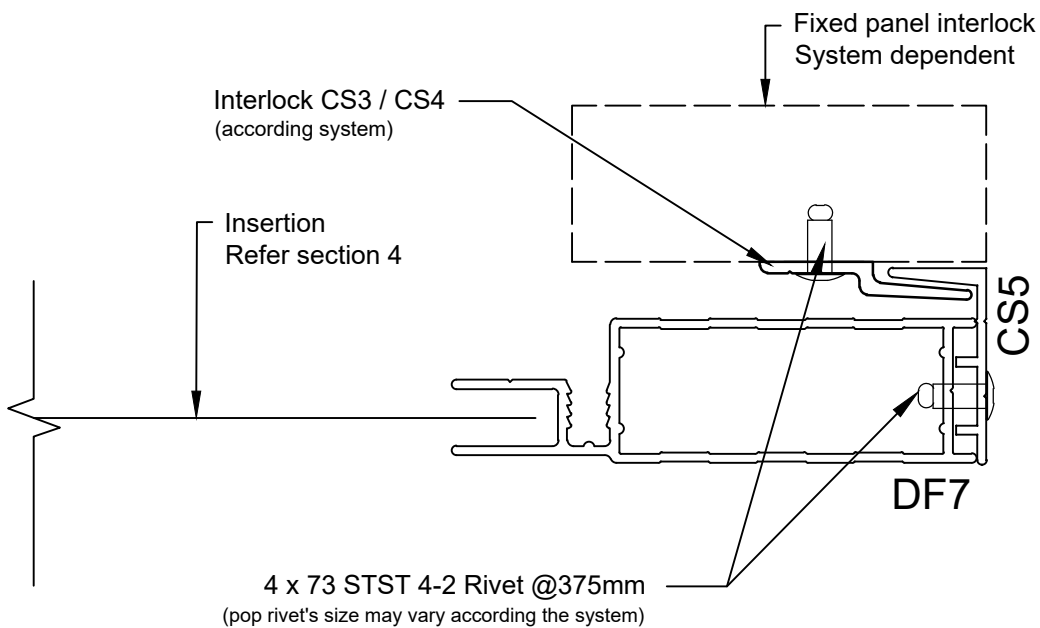
Section E - Meeting Lock Stile



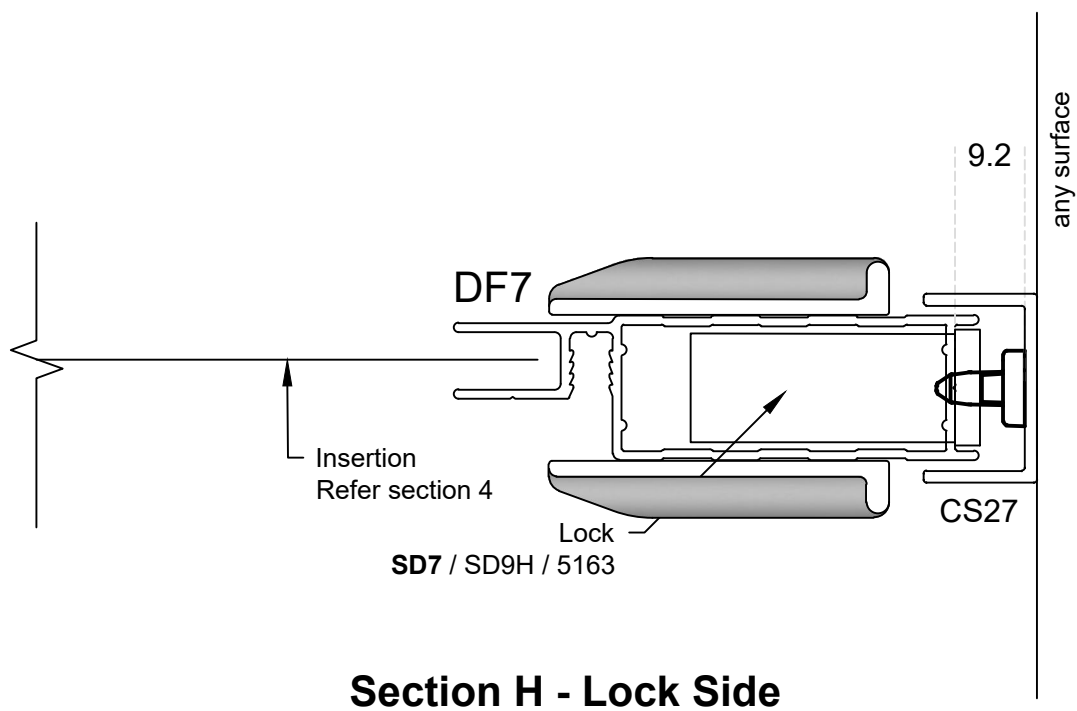
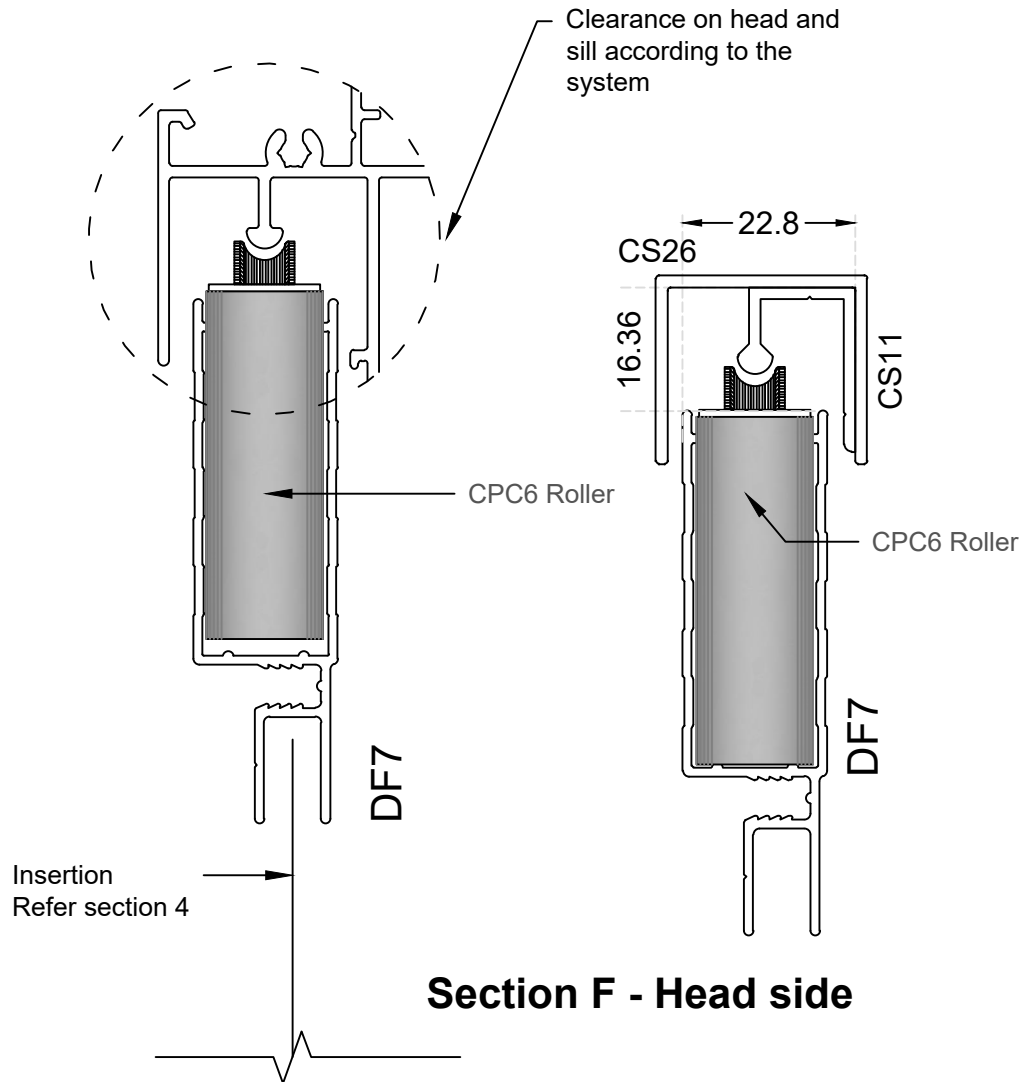
Section F - Head side

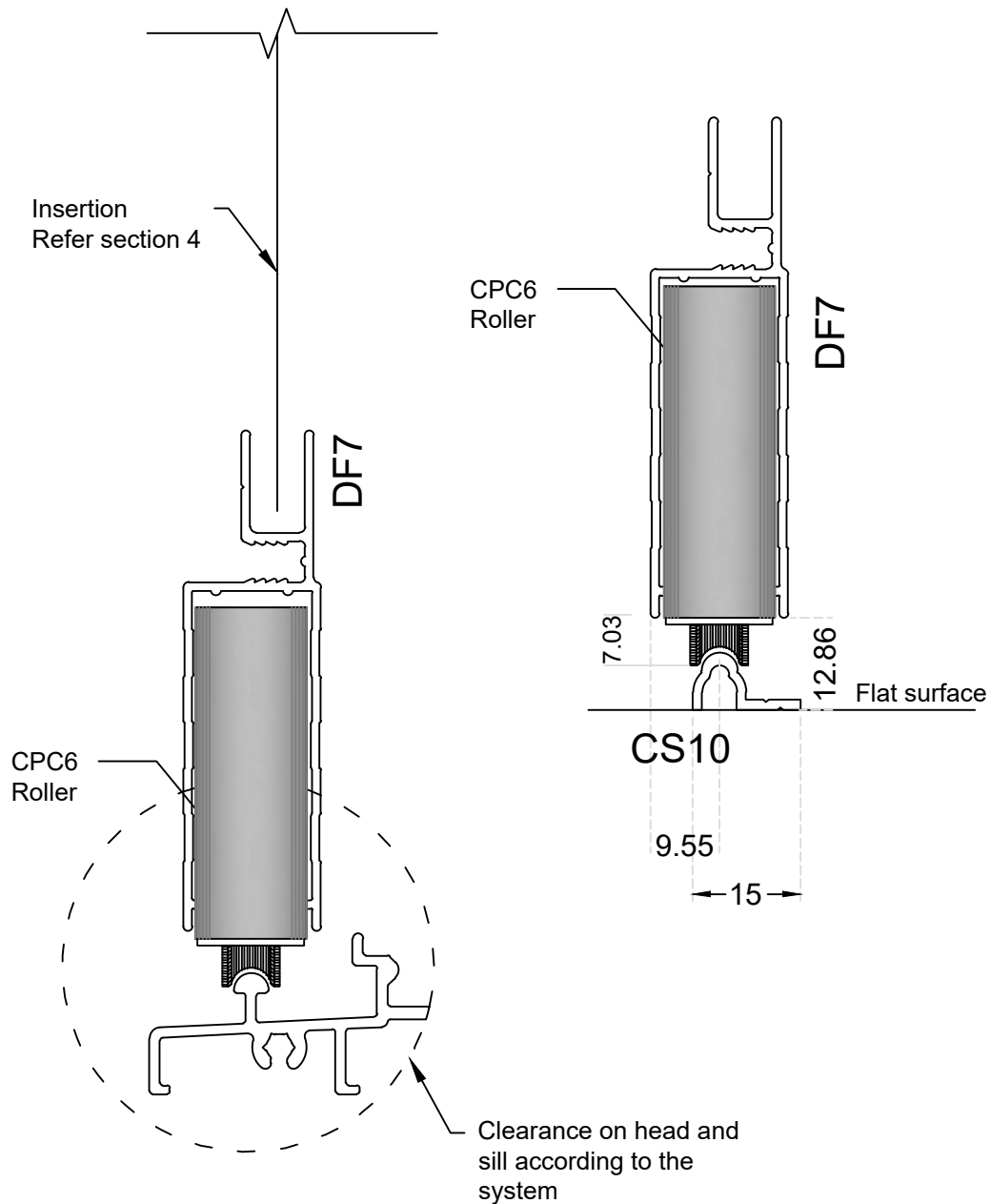


Flydoor / Barrier Door



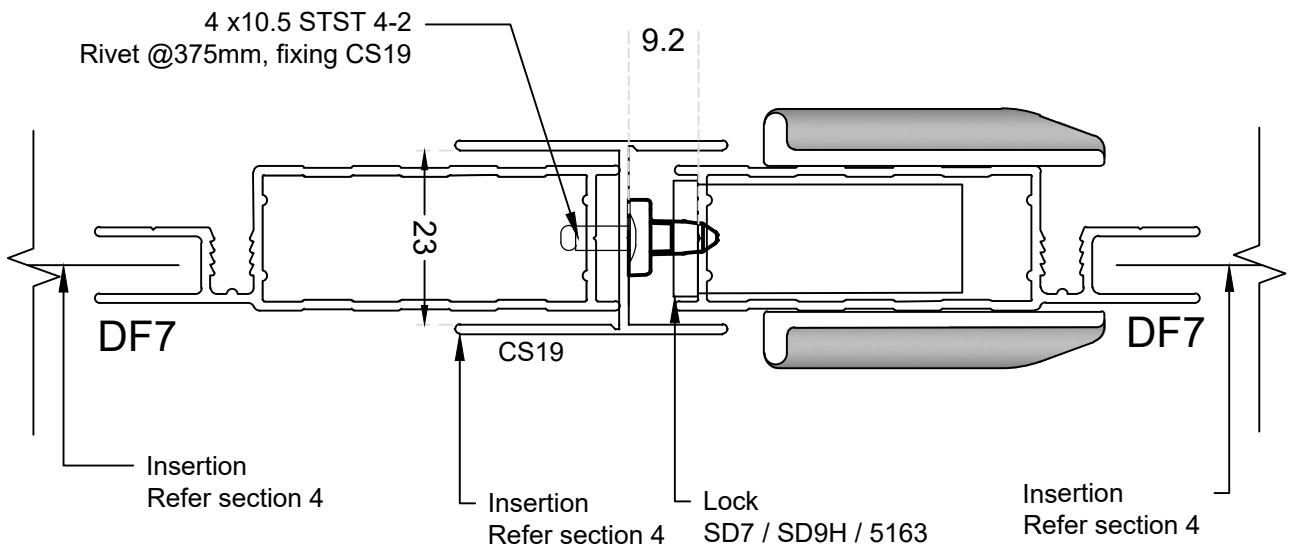
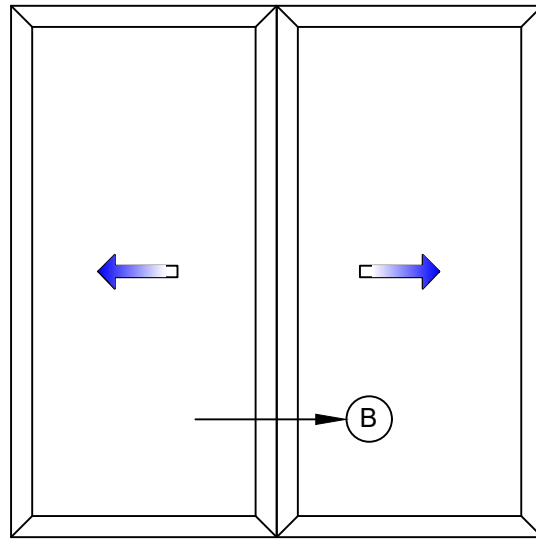
Section H - Interlock side





Flydoor / Barrier Door

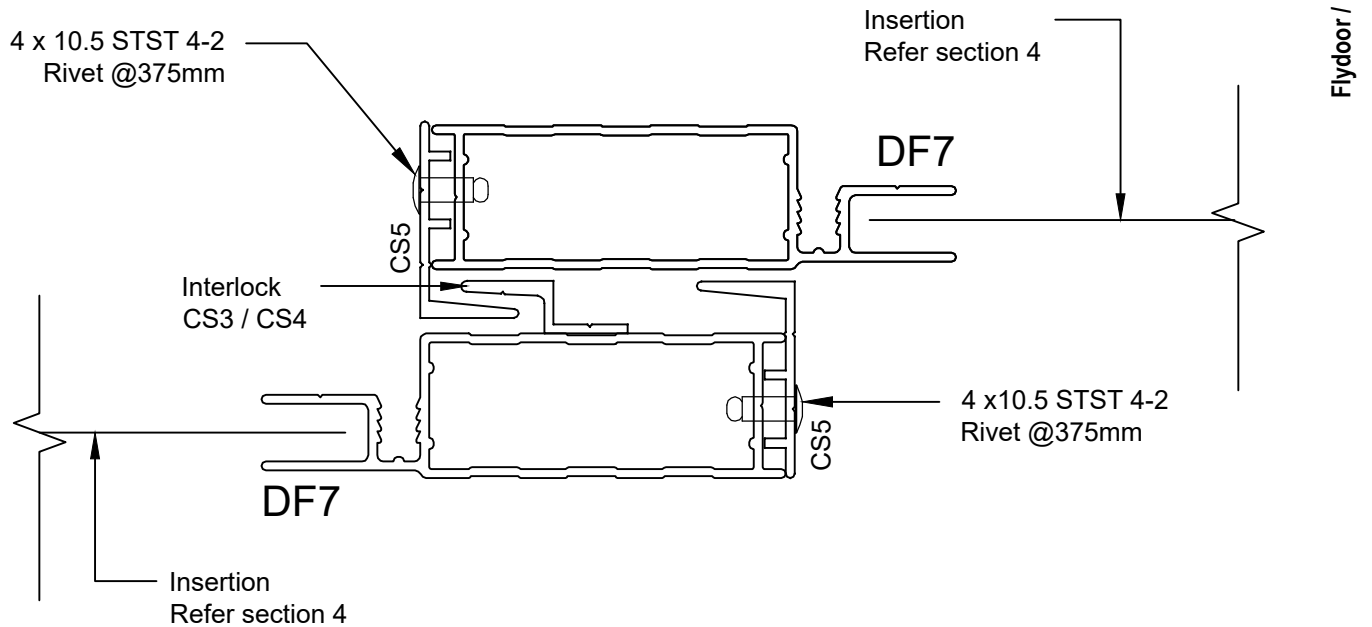
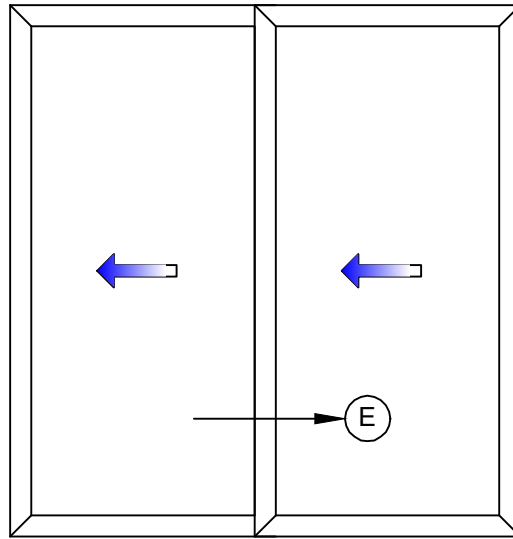
Section J - Bottom



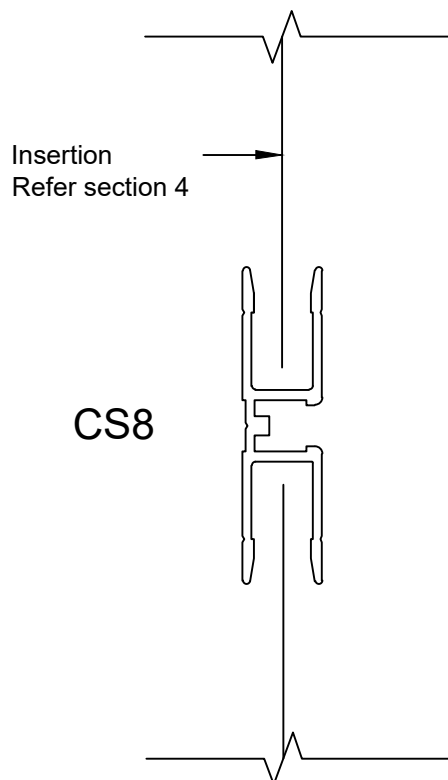
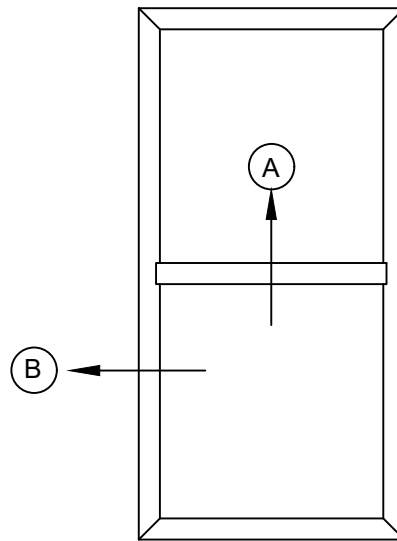
Flydoor / Barrier Door

Section B - Lock assembly

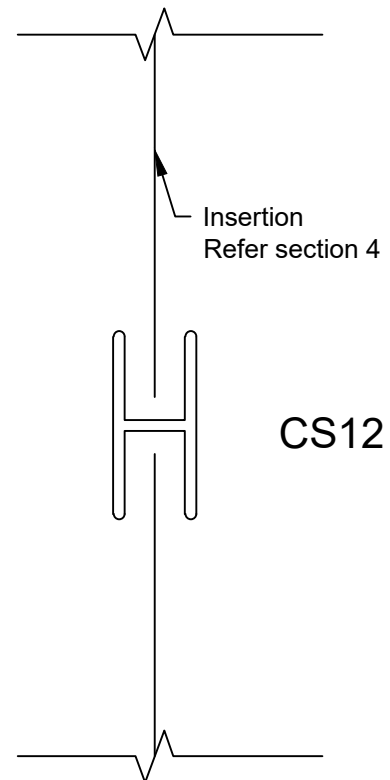
SD7 - Strike Plate Installation : Fit the strike plate into the lock. Mark the position of the strike plate on the channel. Open the door and install the strike plate with two #10 x 13mm pan head screws.
NOTE: Place the screws in the centre of the slots to allow for adjustment. Close the door until the strike plate reaches the receiving channel. Test that the strike plate engages the lock correctly and adjust if necessary.



Section E - Flydoor interlock



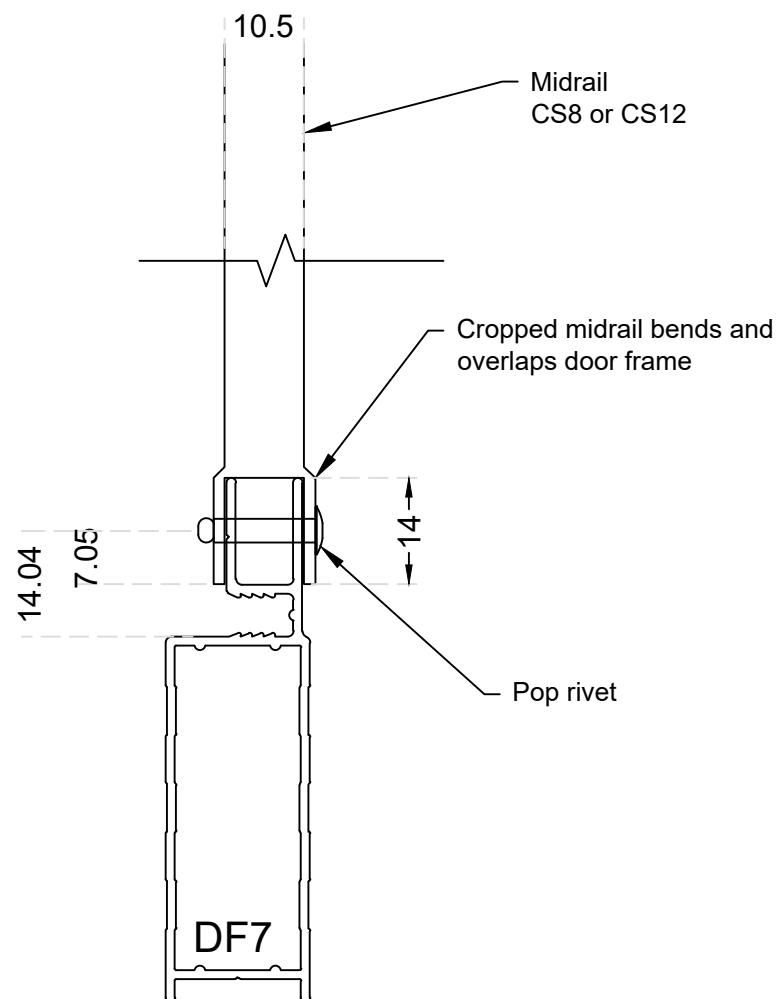
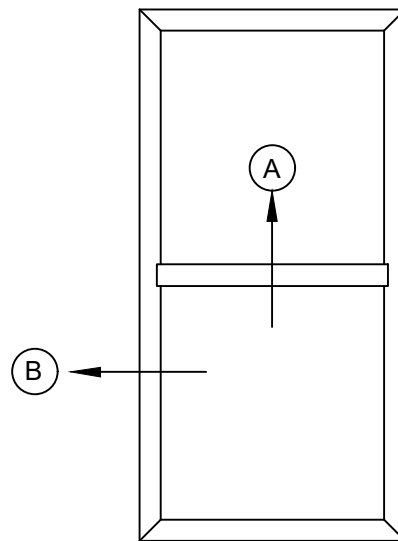
Or



Flydoor / Barrier Door

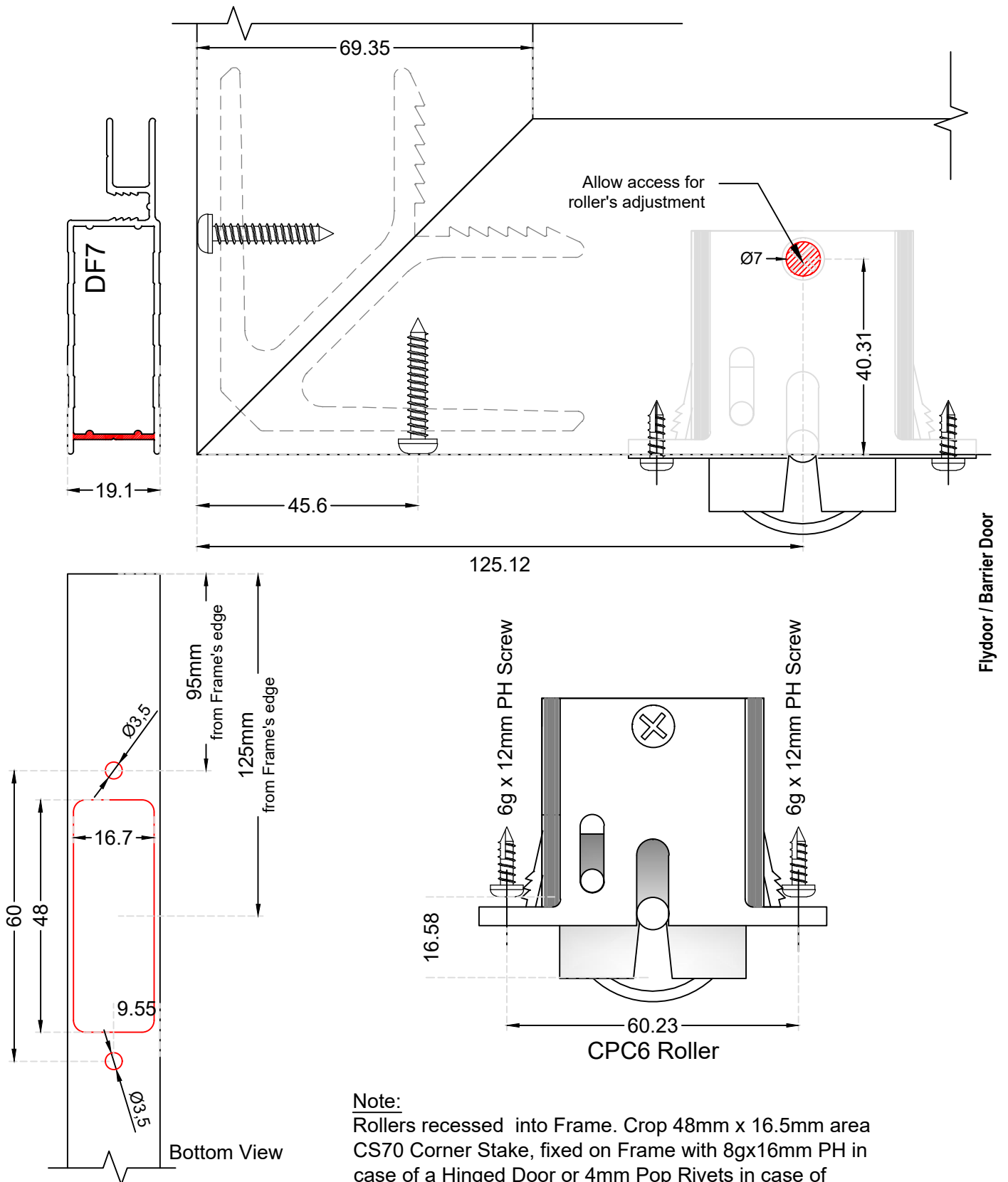
Section A - Vertical cross section

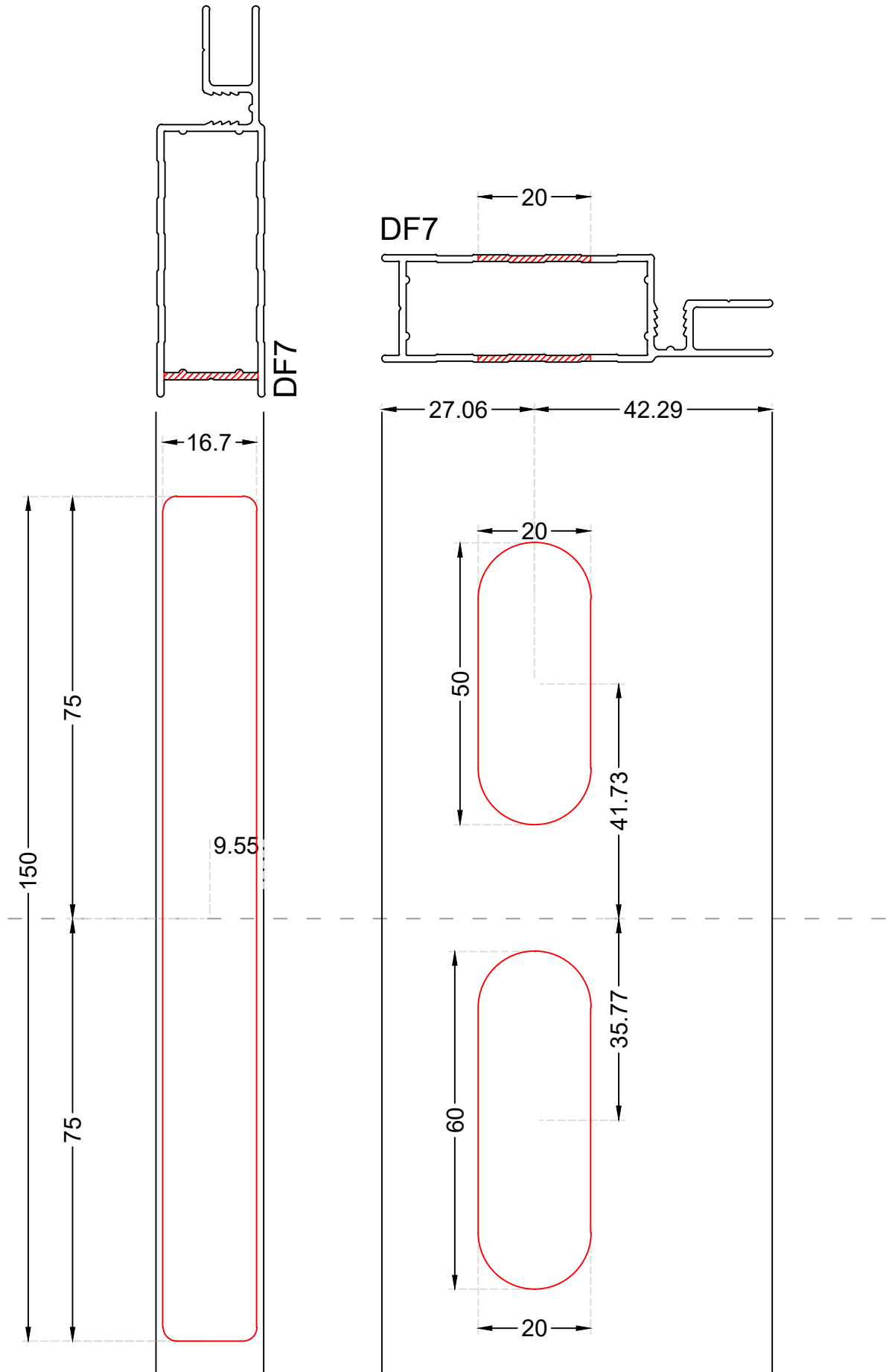
Please note: CS12 Midrail is not compatible with flyscreen mesh or DVA mesh.



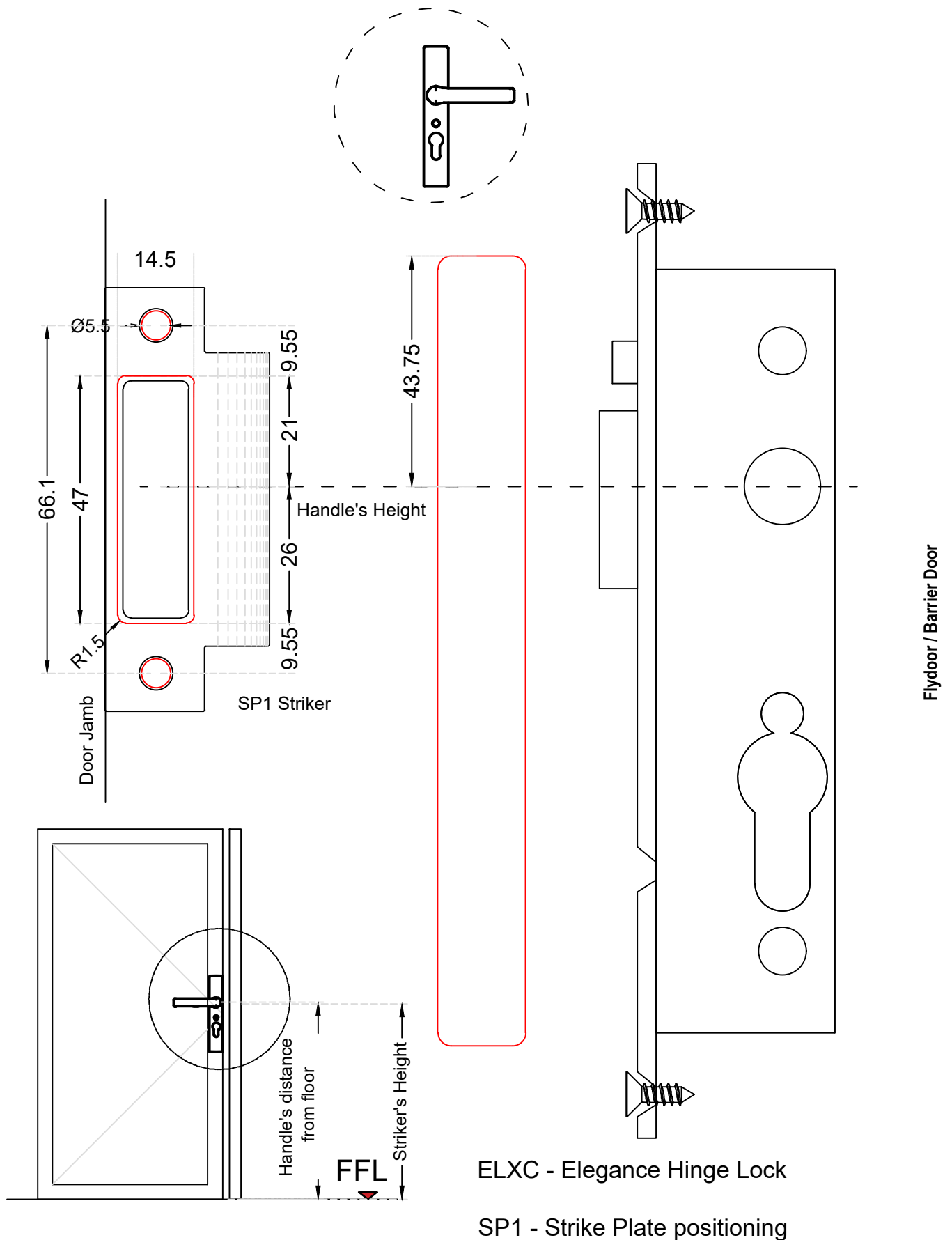
Flydoor / Barrier Door

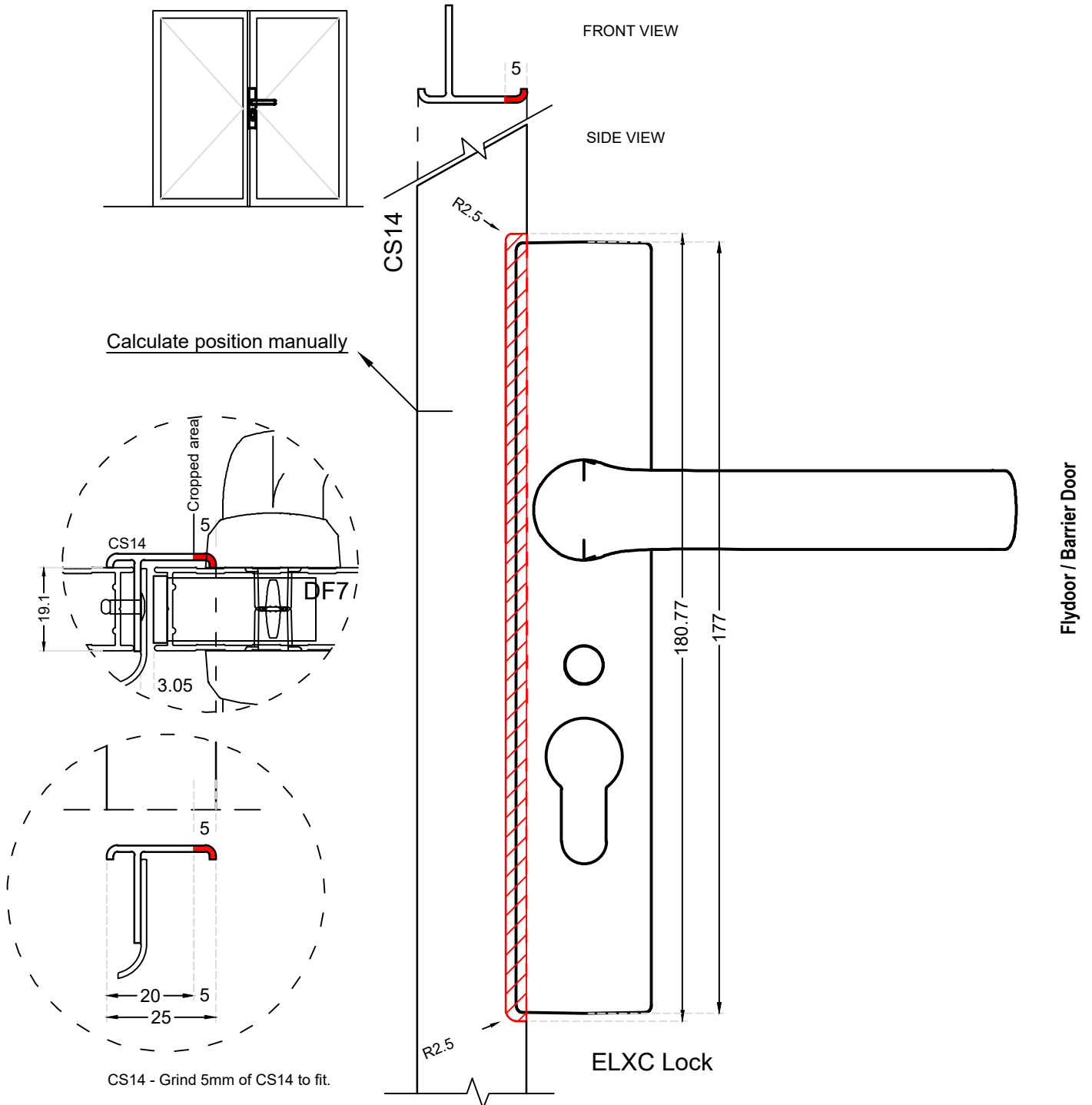
Section B - Horizontal cross section



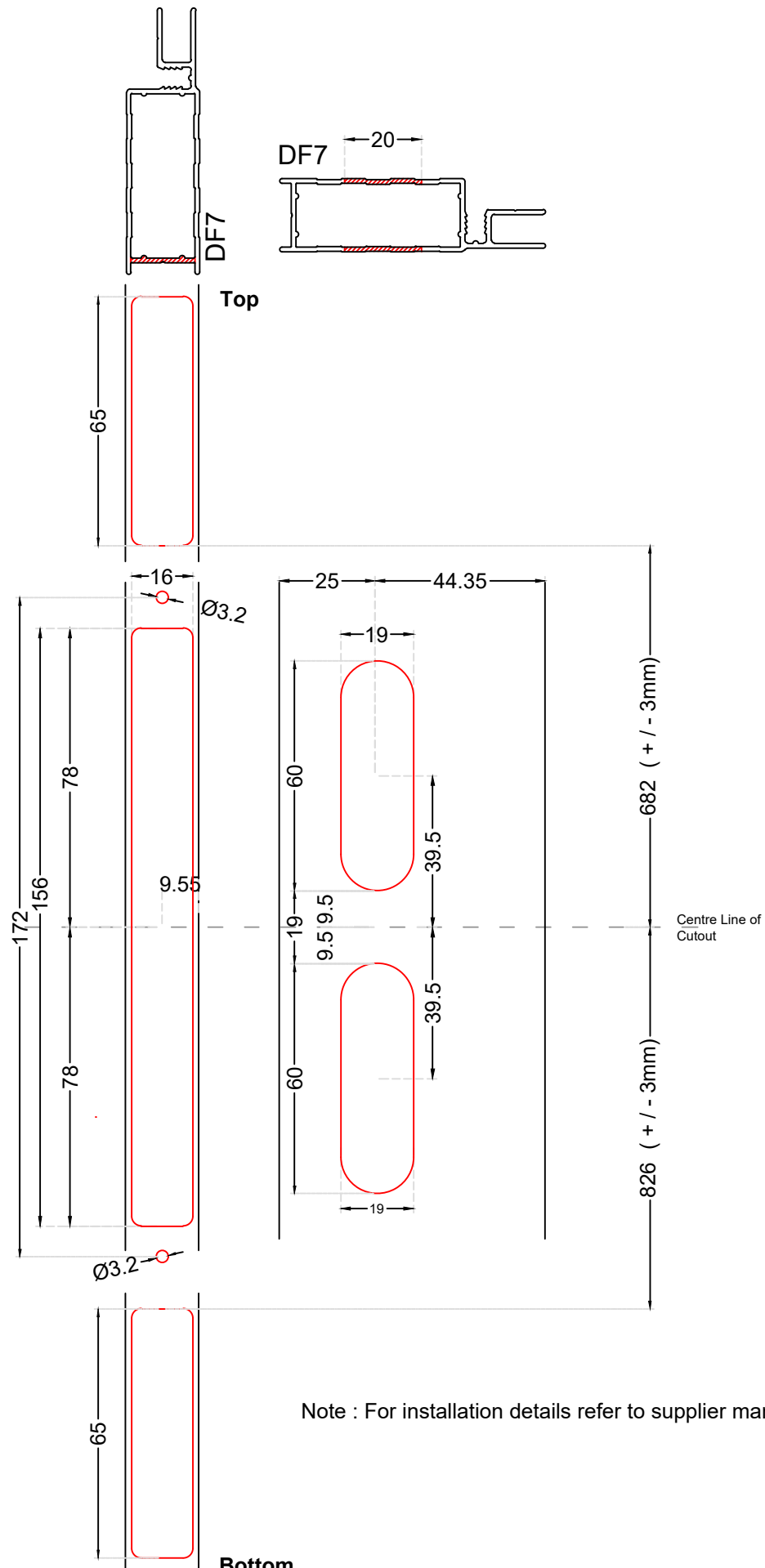


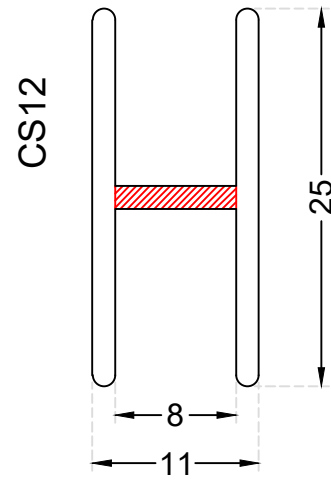
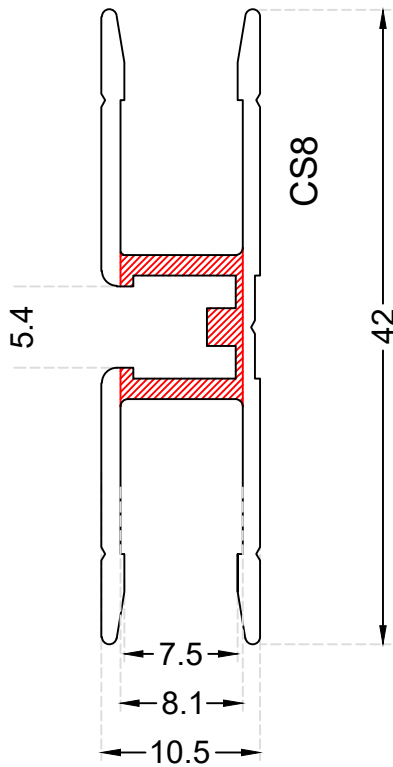
Flydoor / Barrier Door



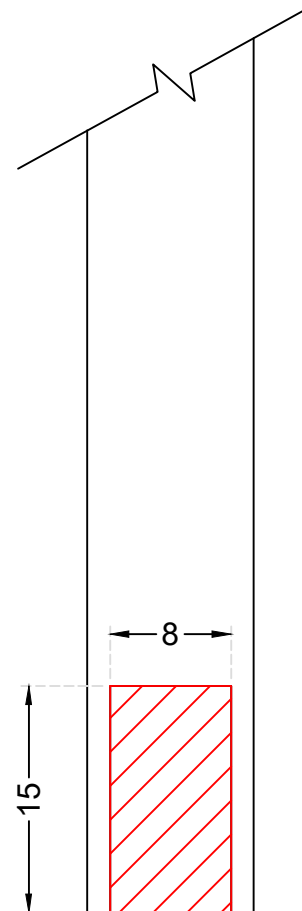
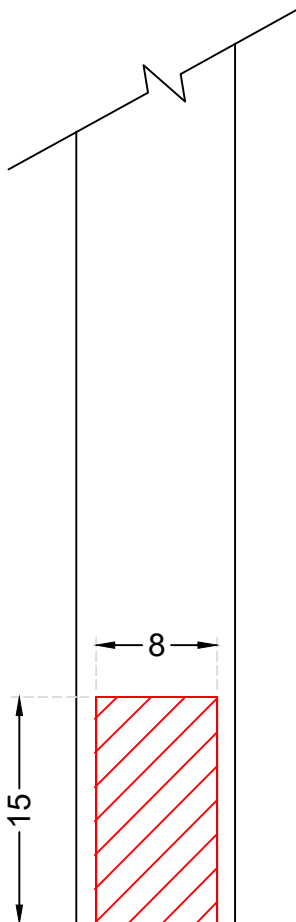


Section 7 - Page 1





Extrusions
Scale 2:1



Flydoor / Barrier Door

Profile Data			
Code	Weight (kg/m)	Anodised Perimeter (mm)	Bar Length (m)
DF7	0.580	229.20	6.00
CS1	0.103	100.00	4.30
CS2	0.127	100.00	4.30
CS3	0.123	100.00	4.80
CS4	0.107	100.00	4.80
CS5	0.157	100.00	4.80
CS6	0.331	144.00	5.00
CS8	0.338	156.00	4.30
CS9	0.089	100.00	3.00
CS10	0.095	100.00	4.30
CS11	0.200	100.00	4.30
CS12	0.530	233.00	6.00
CS13	0.104	100.00	3.00
CS14	0.188	100.00	4.30
CS15	0.435	157.00	5.20
CS16	0.312	173.00	5.00
CS18	0.093	100.00	3.00
CS19	0.290	192.00	6.50
CS26	0.324	151.00	4.20
CS27	0.224	105.00	4.20
CS28	0.237	111.00	4.20



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