



Partitioning



Partitioning Suite

45mm Display, Diamond and Opal Suite

Technical Manual

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Partitioning

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1. Technical Manual Release Notes

This page is intended to record all changes to the **PARTITIONING SUITE** technical manual pages.

Changes or additions to this manual will be itemised with a brief description and date when the amendments were made.

[illegible]



2. Technical Specifications

ALUMINIUM

Aluminium frames should be manufactured using Alspec's **PARTITIONING SUITE** framing system.

45mm DISPLAY SUITE PARTITIONING

The maximum panel height: To be determined by wind load and glass code.

DIAMOND PLASTERBOARD PARTITION

The maximum panel height: To be determined by wind load and glass code.

OPAL PLASTERBOARD PARTITION

The maximum panel height: To be determined by wind load and glass code.

GLAZING

45mm DISPLAY SUITE PARTITIONING Framing: 4mm - 10.38mm

DIAMOND PLASTERBOARD PARTITION Framing: 4mm - 10.38mm

OPAL PLASTERBOARD PARTITION Framing: 6mm - 14.5mm

Glazing wedges shall be Alspec's wedges and channels for **PARTITIONING SUITE** framing system to suit standard and captive glazing options, refer to glazing pages in Alspec Technical Manual. For window & door systems requiring a co-extruded captive gasket on the external side of the glazed pocket, Santoprene is the recommended material to be applied.

HARDWARE

All hardware as per Alspec Technical Manual

FINISHES

- All powder coated material shall be produced to AS3715.
- All anodised material shall be produced to AS1231

All products are available from Alspec (A.B.N. 63 001 252 259) as detailed in the "Alspec" catalogue or on the Internet at www.alspec.com.au. All such framing is to be constructed, assembled and fixed to meet the requirement of AS2047 (windows in buildings), AS1170 (loading code). All glass, glazing rubbers, seals and gaskets shall be applied in accordance with the requirements of AS1288 (glass in buildings - selection and installation) or AS4666 (Insulated Glass Units).

Fabricators of the **PARTITIONING** framing system should seek certification by a consultant structural engineer as to the framing being acceptable for the design wind pressure and deflection characteristics required of the site.



3. Loading Tables

Loading Table Guide

The following pages contain wind pressure tables that may be used as a guide to the suitability of Alspec Aluminium Systems framing for various wind loads and frame sizes.

In most situations the Design Wind Pressure for a particular building should be available from the building designer or engineer.

Framing must be checked for suitability.

For a window / door frame, which is 2400mm high and 1000mm wide, refer to the table below;

Step 1: Locate the height

Step 2: Locate the width

Step 3: Determine the Maximum wind pressure based on the height and width.

SECTION PART NO.	Panel Height	Maximum Design Pressure (Pa)					
	2850	S	1040	840	720	630	570
		U	2410	1960	1660	1460	1310
	2700	S	1230	1000	850	750	680
		U	2700	2190	1870	1640	1480
	2550	S	1460	1200	1020	910	830
		U	3040	2470	2210	1860	1690
	2400	S	1770	1450	1250	1080	1010
		U	3440	2810	2410	2100	1940
	2250	S	2160	1780	1530	1370	1270
		U	3940	3230	2780	2470	2270
	2100	S	2670	2210	1920	1730	1610
		U	4550	3750	3240	2900	2680
Ixx = xxx x xxx mm4	Panel Width	800	1000	1200	1400	1600	

Diagram illustrating the steps to find the Maximum Design Pressure (Pa) for a window/door frame:

- STEP 1:** Locate the height (2400mm) in the Panel Height column.
- STEP 2:** Locate the width (1000mm) in the Panel Width row.
- STEP 3:** Determine the Maximum wind pressure based on the height and width. The intersection of 2400mm height and 1000mm width shows a pressure of 1450 Pa (Suction) and 2810 Pa (Uplift).

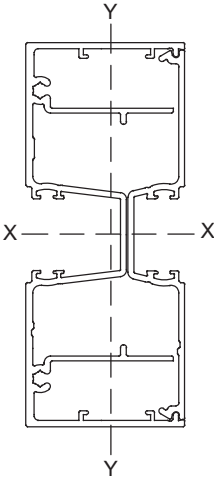
3. Loading Tables

PE264 + PE266 Mullion Combination

Max Stress = 110Mpa

S = Serviceability limit state I/250

U = Ultimate limit state

PE264 + PE266 MULLION COMBINATION	Panel Height	Maximum Design Pressure (Pa)							
	4200	S	430						
		U	1470						
	3900	S	540						
		U	1710	1150					
	3600	S	680	460					
		U	2010	1350	1030				
	3300	S	890	600	460				
		U	2400	1620	1240	1020	870	780	
	3000	S	1190	810	620	520	450	410	
		U	2910	1970	1510	1250	1080	980	910
	2700	S	1640	1120	870	730	640	590	570
		U	3610	2450	1900	1580	1380	1270	1200
	2400	S	2360	1620	1270	1080	970	910	890
		U	4580	3140	2450	2060	1840	1720	1680
	2100	S	3000	2460	1960	1700	1570	1530	1570
		U	6000	4160	3290	2820	2590	2510	2590
	1800	S	3000	3000	3000	2940	2840	2940	3000
		U	6000	5810	4680	4150	3990	4170	4900
I_{xx} = 894.4 x 10³ mm⁴	Mullion Spacing		600	900	1200	1500	1800	2100	2400

Tables are based on theoretical section properties



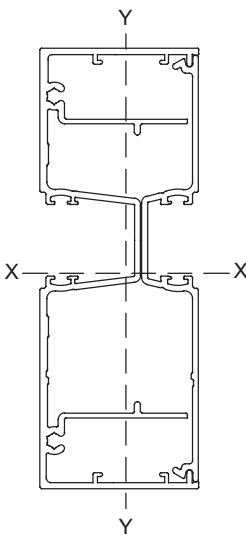
3. Loading Tables

PE274 + PE276 Mullion Combination

Max Stress = 110Mpa

S = Serviceability limit state l/250

U = Ultimate limit state

PE274 + PE276 MULLION COMBINATION	Panel Height	Maximum Design Pressure (Pa)						
	4200	S	610	410				
		U	1780	1190				
	3900	S	760	510				
		U	2070	1390				
	3600	S	970	660	500	410		
		U	2430	1640	1250	1020		
	3300	S	1270	860	660	540	470	420
		U	2900	1960	1500	1230	1060	940
	3000	S	1690	1150	890	740	640	580
		U	3510	2380	1830	1510	1310	1180
	2700	S	2330	1590	1240	1040	920	840
		U	4350	2960	2290	1910	1670	1530
	2400	S	3000	2300	1800	1530	1380	1300
		U	5540	3790	2950	2490	2220	2080
	2100	S	3000	3000	2780	2410	2230	2170
		U	6000	5030	3970	3410	3120	3030
	1800	S	3000	3000	3000	3000	3000	3000
		U	6000	6000	5660	5010	4820	5040
lxx = 1268.1 x 10 ³ mm ⁴	Mullion Spacing		600	900	1200	1500	1800	2100
								2400

Tables are based on theoretical section properties

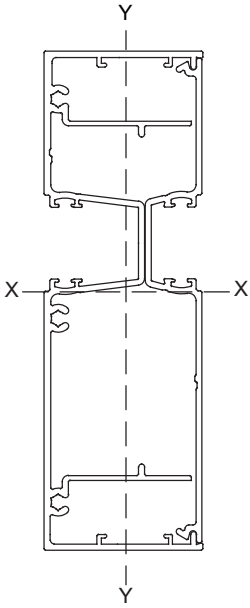
3. Loading Tables

PE364 + PE366 Mullion Combination

Max Stress = 110Mpa

S = Serviceability limit state I/250

U = Ultimate limit state

PE364 + PE366 MULLION COMBINATION	Panel Height	Maximum Design Pressure (Pa)						
	4200	S	840	560	430			
		U	2130	1430	1080			
	3900	S	1050	700	540	440		
		U	2470	1660	1260	1030		
	3600	S	1340	900	690	560	480	430
		U	2910	1960	1490	1220	1040	920
	3300	S	1740	1180	900	740	640	580
		U	3460	2340	1790	1470	1260	1130
	3000	S	2320	1580	1220	1010	880	800
		U	4200	2850	2190	1810	1570	1410
	2700	S	3000	2190	1700	1420	1260	1160
		U	5210	3540	2740	2280	2000	1830
	2400	S	3000	3000	2470	2100	1890	1780
		U	6000	4530	3530	2980	2660	2480
	2100	S	3000	3000	3000	3000	3000	2980
		U	6000	6000	4750	4080	3740	3630
	1800	S	3000	3000	3000	3000	3000	3000
		U	6000	6000	6000	6000	5760	6000
$I_{xx} = 1737.7 \times 10^3 \text{ mm}^4$	Mullion Spacing		600	900	1200	1500	1800	2100
								2400

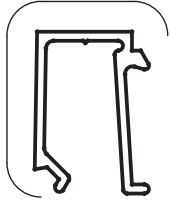
Tables are based on theoretical section properties



5. Extrusions

45mm Display Suites

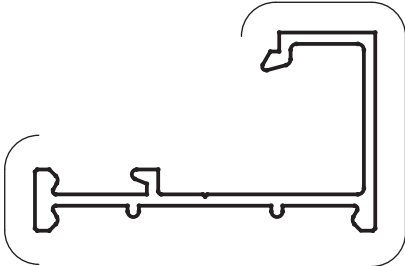
VISIBLE SURFACE



L8405 SNAP IN BEAD

Mass. 0.180 Kg/m
Anod. Per. 120
Paint Per. 100

VISIBLE SURFACES

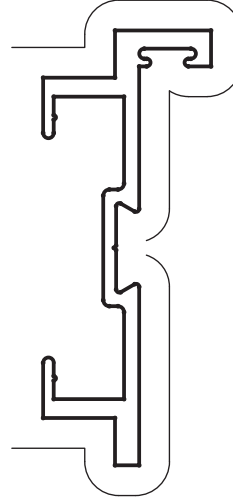


L8404 FRAME

Mass. 0.441 Kg/m
Anod. Per. 200
Paint Per. 100

$I_{xx} = 40.02 \times 10^3 \text{ mm}^4$
 $I_{yy} = 11.65 \times 10^3 \text{ mm}^4$

VISIBLE SURFACES

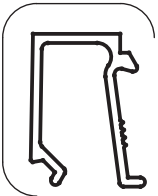


L8448 DOOR JAMB 45mm DOOR

Mass. 0.648 Kg/m
Anod. Per. 224
Paint Per. 105

$I_{xx} = 90.30 \times 10^3 \text{ mm}^4$
 $I_{yy} = 5.53 \times 10^3 \text{ mm}^4$

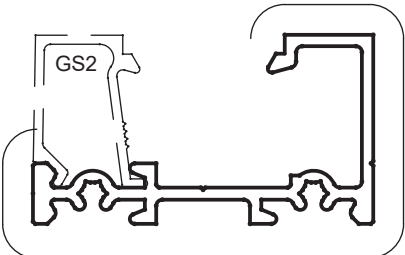
VISIBLE SURFACE



GS2 12.7mm SNAP BEAD

Mass. 0.192 Kg/m
Anod. Per. 113
Paint Per. 100

VISIBLE SURFACES

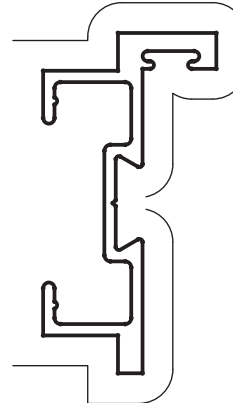


GS1 12.7mm FRAME

Mass. 0.514 Kg/m
Anod. Per. 232
Paint Per. 100

$I_{xx} = 44.18 \times 10^3 \text{ mm}^4$
 $I_{yy} = 10.92 \times 10^3 \text{ mm}^4$

VISIBLE SURFACES



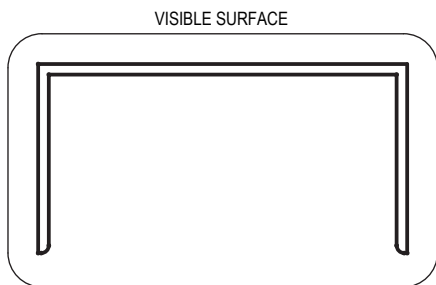
D2846 DOOR JAMB 35mm DOOR

Mass. 0.500 Kg/m
Anod. Per. 204
Paint Per. 100

$I_{xx} = 43.30 \times 10^3 \text{ mm}^4$
 $I_{yy} = 5.37 \times 10^3 \text{ mm}^4$

5. Extrusions

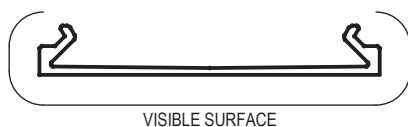
45mm Display Suites



GS4
CAPPING CHANNEL

Mass. 0.363 Kg/m
Anod. Per. 194
Paint Per. 100

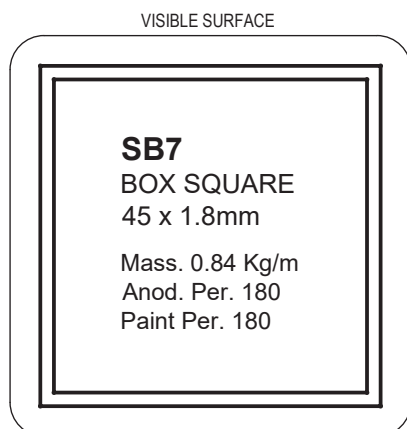
$I_{xx} = 50.45 \times 10^3 \text{ mm}^4$
 $I_{yy} = 8.19 \times 10^3 \text{ mm}^4$



GS3
12.7mm STOP END

Mass. 0.180 Kg/m
Anod. Per. 121
Paint Per. 100

$I_{xx} = 16.81 \times 10^3 \text{ mm}^4$
 $I_{yy} = 0.18 \times 10^3 \text{ mm}^4$



SB7
BOX SQUARE
45 x 1.8mm

Mass. 0.84 Kg/m
Anod. Per. 180
Paint Per. 180



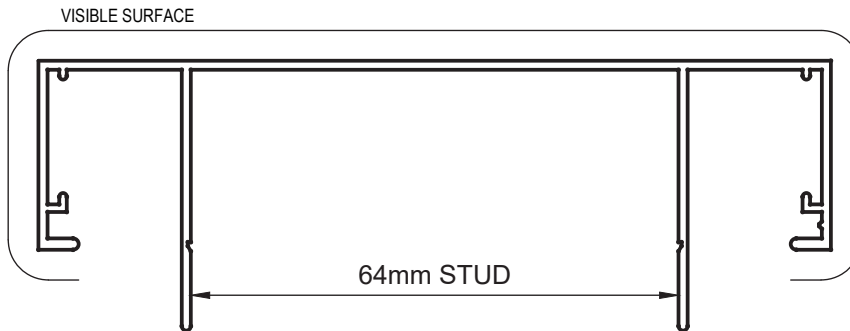
1020090
FLAT BAR 25 x 1.6mm

Mass. 0.108 Kg/m
Anod. Per. 100
Paint Per. 100



5. Extrusions

Diamond Suites



PB60

MAIN FRAME

Mass. 0.778 Kg/m

Anod. Per. 480

Paint Per. 164

$I_{xx} = 411.27 \times 10^3 \text{ mm}^4$

$I_{yy} = 31.38 \times 10^3 \text{ mm}^4$

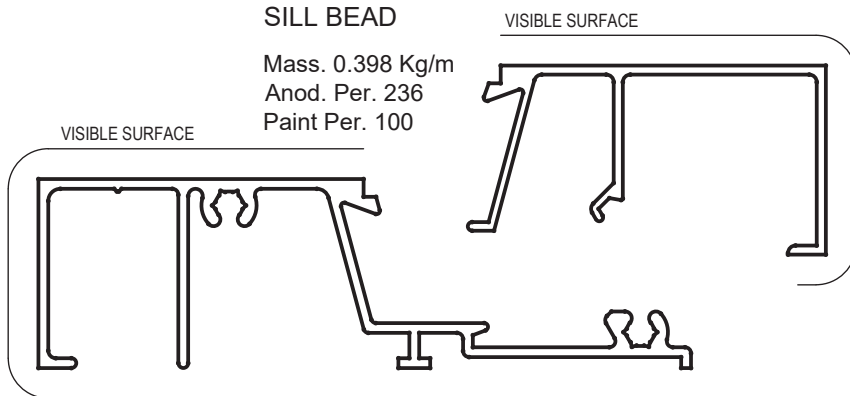
PB62

SILL BEAD

Mass. 0.398 Kg/m

Anod. Per. 236

Paint Per. 100



PB61

SILL

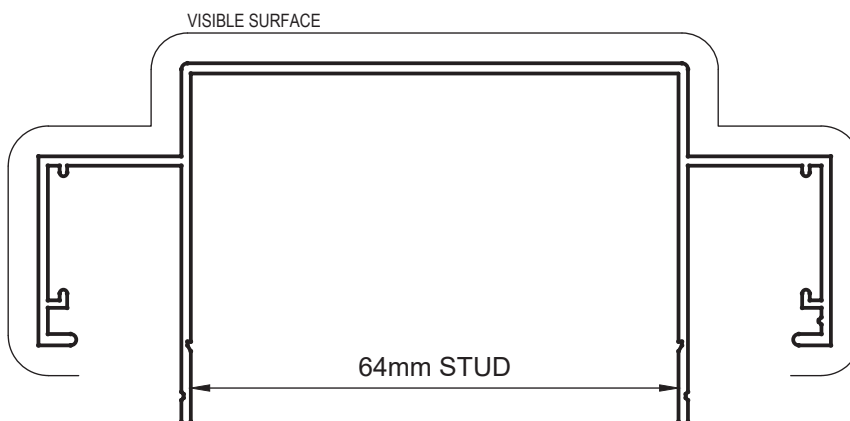
Mass. 0.741 Kg/m

Anod. Per. 379

Paint Per. 100

$I_{xx} = 180.06 \times 10^3 \text{ mm}^4$

$I_{yy} = 23.15 \times 10^3 \text{ mm}^4$



PB65

SHADOW LINE FRAME

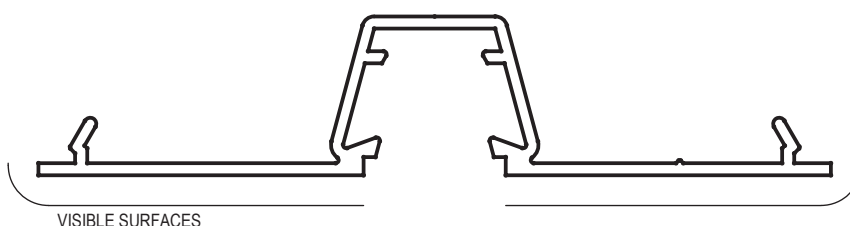
Mass. 0.902 Kg/m

Anod. Per. 528

Paint Per. 180

$I_{xx} = 456.92 \times 10^3 \text{ mm}^4$

$I_{yy} = 64.67 \times 10^3 \text{ mm}^4$



PB66

GLAZING ADAPTOR

Mass. 0.743 Kg/m

Anod. Per. 333

Paint Per. 100

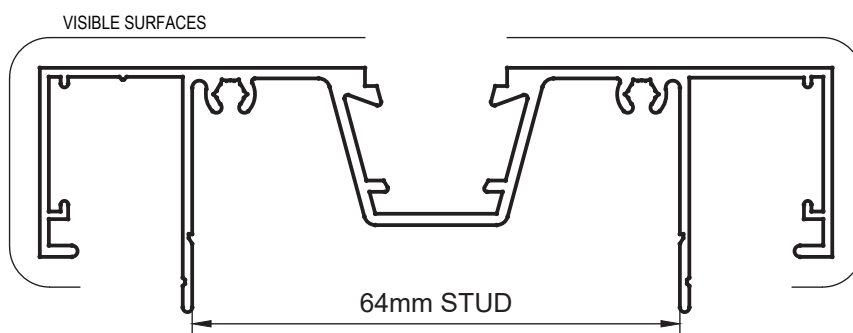
$I_{xx} = 208.38 \times 10^3 \text{ mm}^4$

$I_{yy} = 13.44 \times 10^3 \text{ mm}^4$



5. Extrusions

Diamond Suites



PB64

GLAZING FRAME

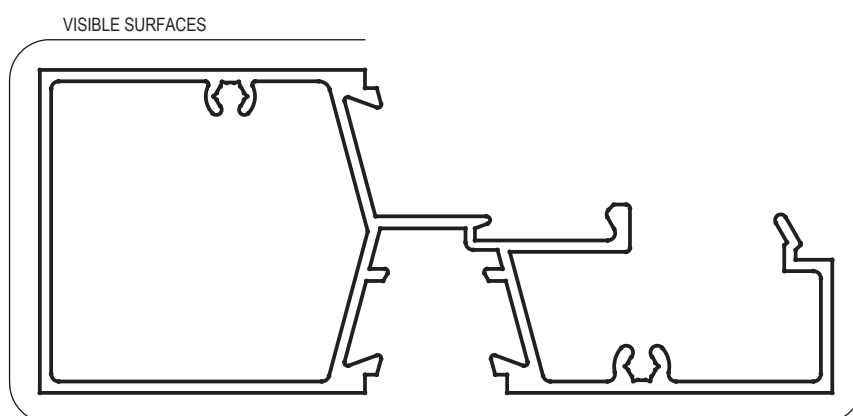
Mass. 1.122 Kg/m

Anod. Per. 588

Paint Per. 137

$I_{xx} = 442.89 \times 10^3 \text{ mm}^4$

$I_{yy} = 32.62 \times 10^3 \text{ mm}^4$



PB67

TRANSOM

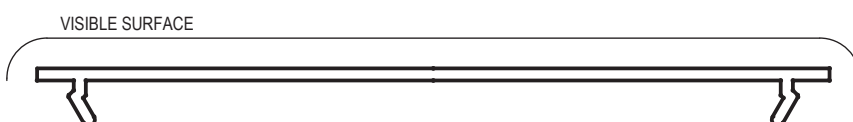
Mass. 1.429 Kg/m

Anod. Per. 478

Paint Per. 190

$I_{xx} = 520.10 \times 10^3 \text{ mm}^4$

$I_{yy} = 118.76 \times 10^3 \text{ mm}^4$



PB69

FLUSH ADAPTOR

Mass. 0.511 Kg/m

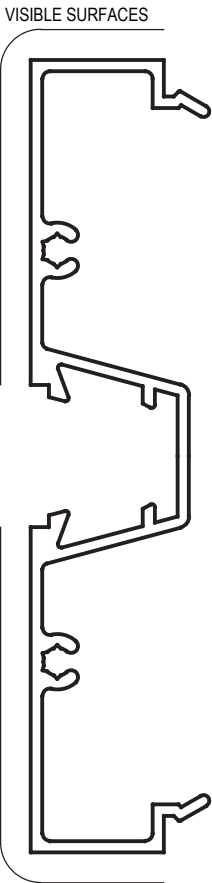
Anod. Per. 238

Paint Per. 108

$I_{xx} = 198.61 \times 10^3 \text{ mm}^4$

$I_{yy} = 0.350 \times 10^3 \text{ mm}^4$

Diamond Suites



PB68
MULLION

Mass. 0.986 Kg/m
Anod. Per. 445
Paint Per. 122

$I_{xx} = 389.14 \times 10^3 \text{ mm}^4$
 $I_{yy} = 19.85 \times 10^3 \text{ mm}^4$

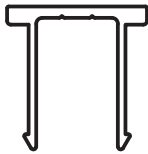
5. Extrusions

Diamond Suites



Partitioning

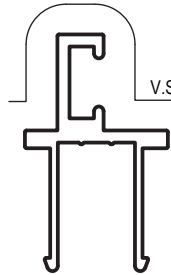
VISIBLE SURFACE



AS8
POCKET FILLER

Mass. 0.185 Kg/m
Anod. Per. 110
Paint Per. 100

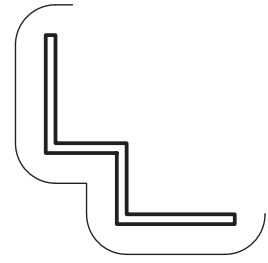
V.S



AS7
45mm DOOR
STOP

Mass. 0.295 Kg/m
Anod. Per. 150
Paint Per. 100

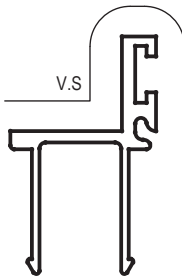
VISIBLE SURFACE



PB19
SHADOW LINE
WALL ANGLE

Mass. 0.171 Kg/m
Anod. Per. 100
Paint Per. 100

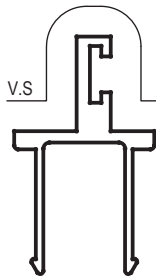
V.S



AS30
DOOR STOP
(40mm DOOR)

Mass. 0.279 Kg/m
Anod. Per. 152
Paint Per. 100

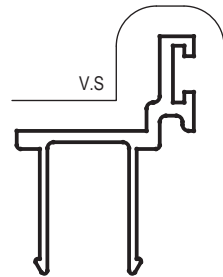
V.S



AS35
DOOR STOP
(45mm DOOR)

Mass. 0.292 Kg/m
Anod. Per. 145
Paint Per. 100

V.S



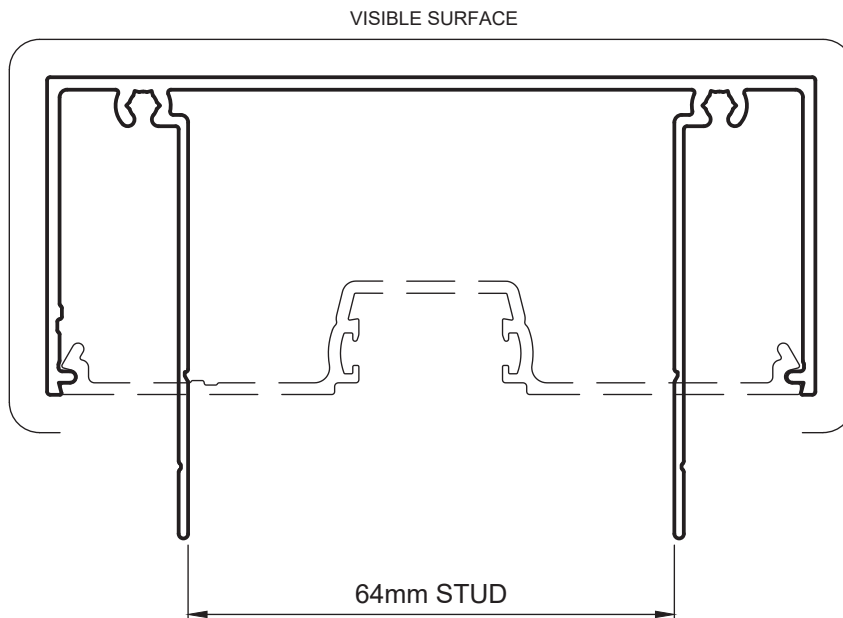
AS36
DOOR STOP
(35mm DOOR)

Mass. 0.297 Kg/m
Anod. Per. 157
Paint Per. 100



5. Extrusions

Opal Suite - 64mm Extrusions



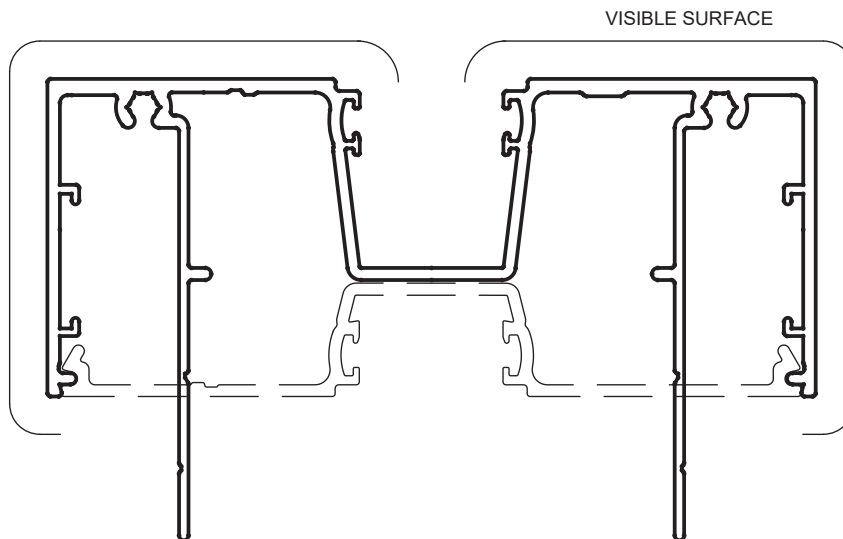
PB260

64mm FRAME

Mass. 1.321 Kg/m

Anod. Per. 639

Paint Per. 189



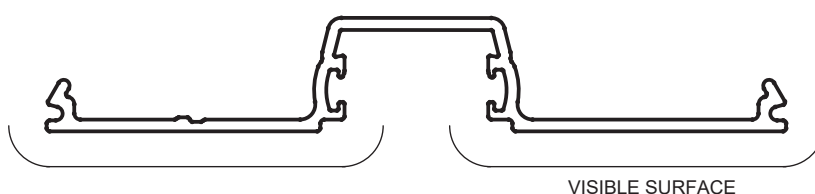
PE264

64mm GLAZING
FRAME

Mass. 1.662 Kg/m

Anod. Per. 788

Paint Per. 171



PE266

64mm GLAZING
ADAPTOR

Mass. 0.608 Kg/m

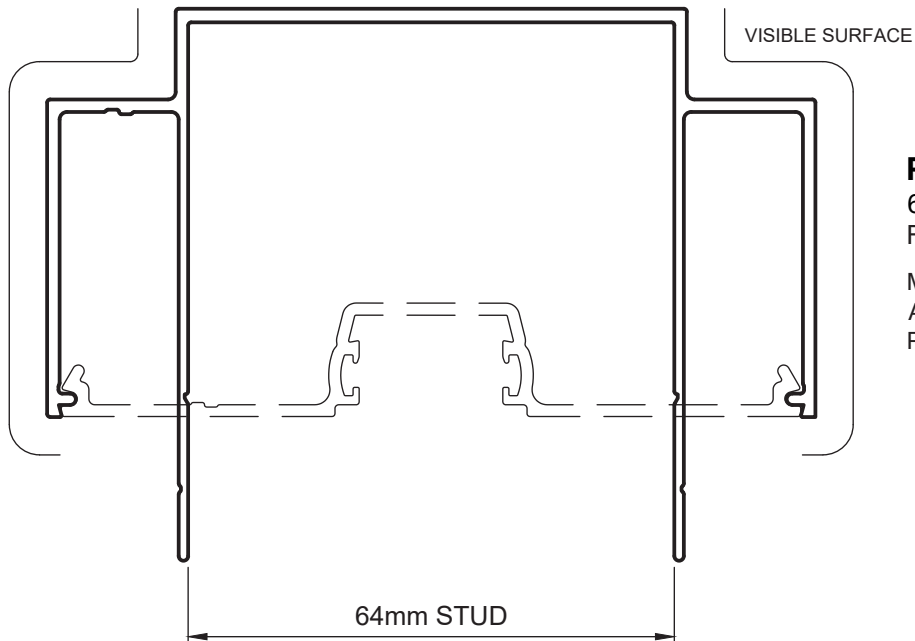
Anod. Per. 287

Paint Per. 100



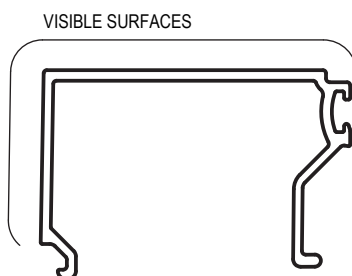
5. Extrusions

Opal Suite - 64mm Extrusions



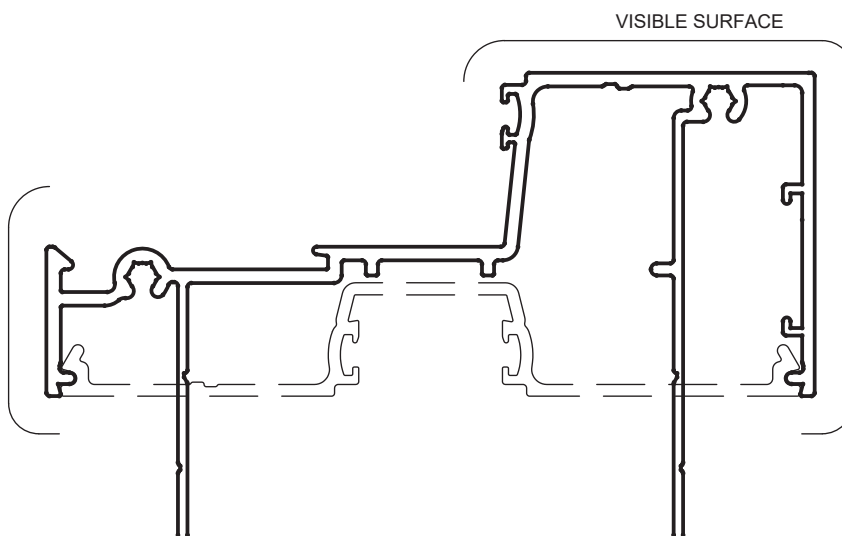
PB265 64mm SHADOWLINE FRAME

Mass 1.366 Kg/m
Anod. Per. 658
Paint Per. 145



ME3 SILL BEAD

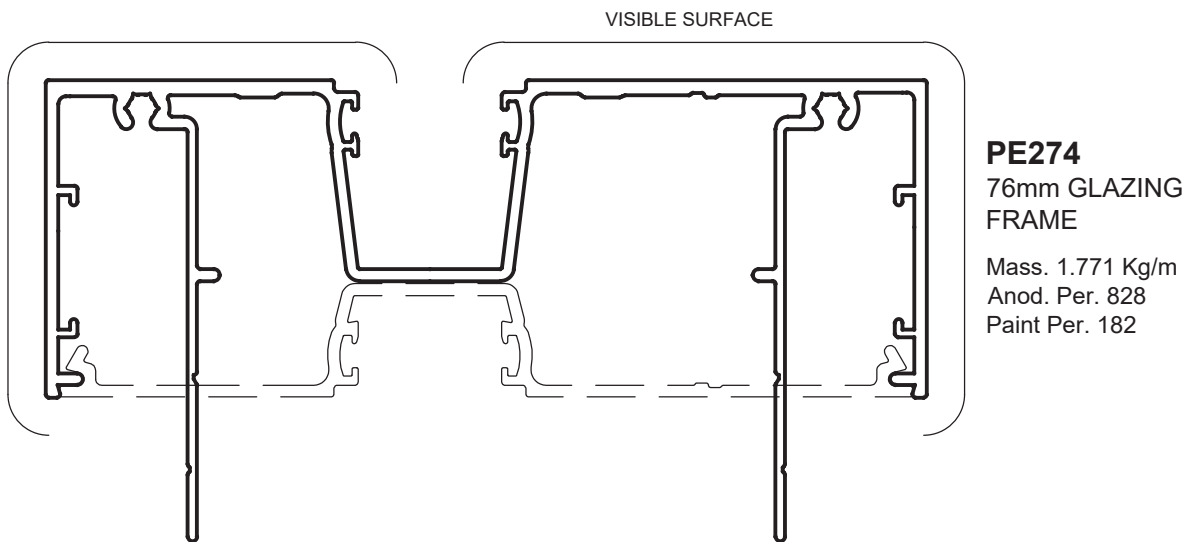
Mass. 0.367 Kg/m
Anod. Per. 203
Paint Per. 100



PE261 64mm SILL

Mass. 1.374 Kg/m
Anod. Per. 637
Paint Per. 100

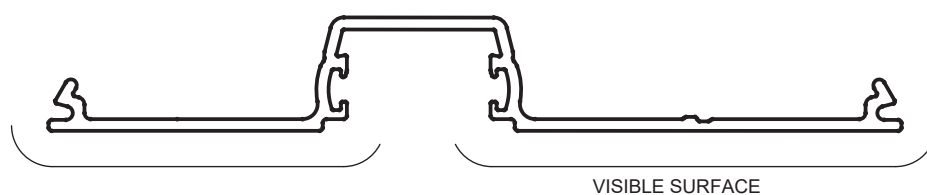
Opal Suite - 76mm Extrusions





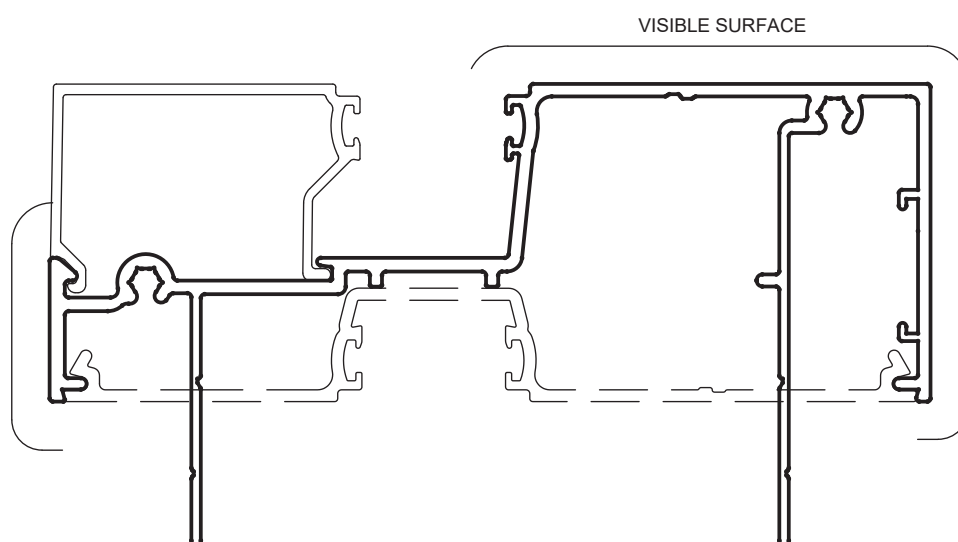
5. Extrusions

Opal Suite - 76mm Extrusions



PE276
76mm GLAZING
ADAPTOR

Mass. 0.672 Kg/m
Anod. Per. 318
Paint Per. 100



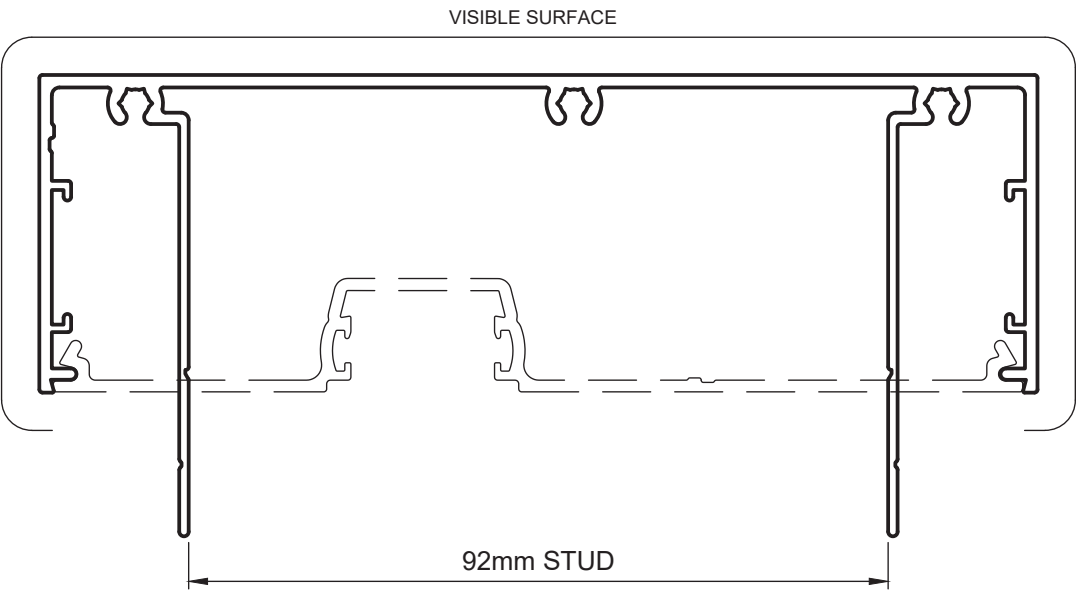
PE271
76mm SILL

Mass. 1.440 Kg/m
Anod. Per. 668
Paint Per. 125

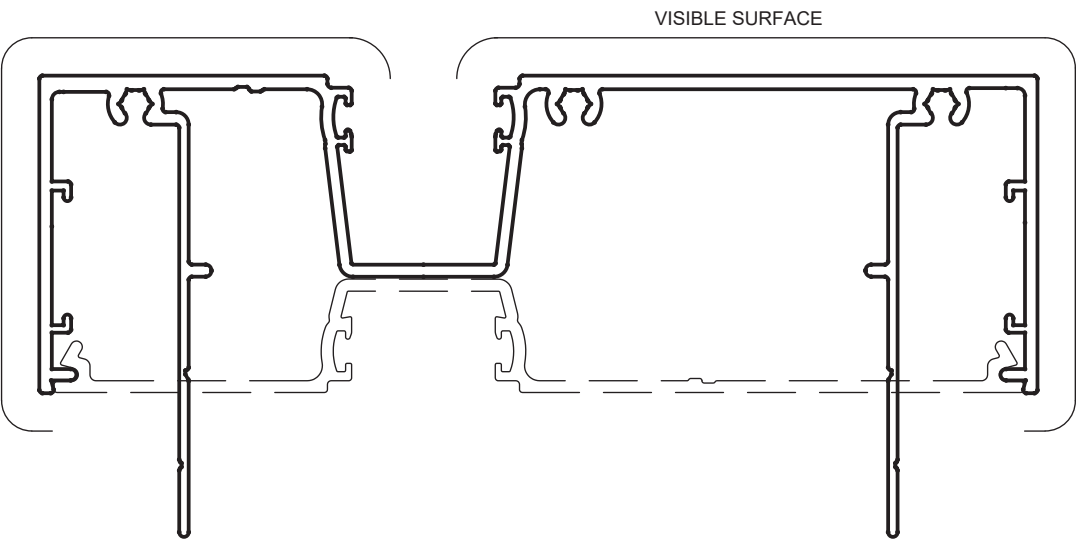


5. Extrusions

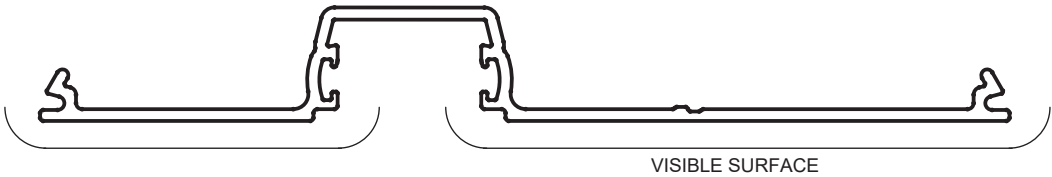
Opal Suite - 92mm Extrusions



PB360
92mm FRAME
Mass. 1.570 Kg/m
Anod. Per. 761
Paint Per. 220



PE364
92mm GLAZING
FRAME
Mass. 1.859 Kg/m
Anod. Per. 876
Paint Per. xxx

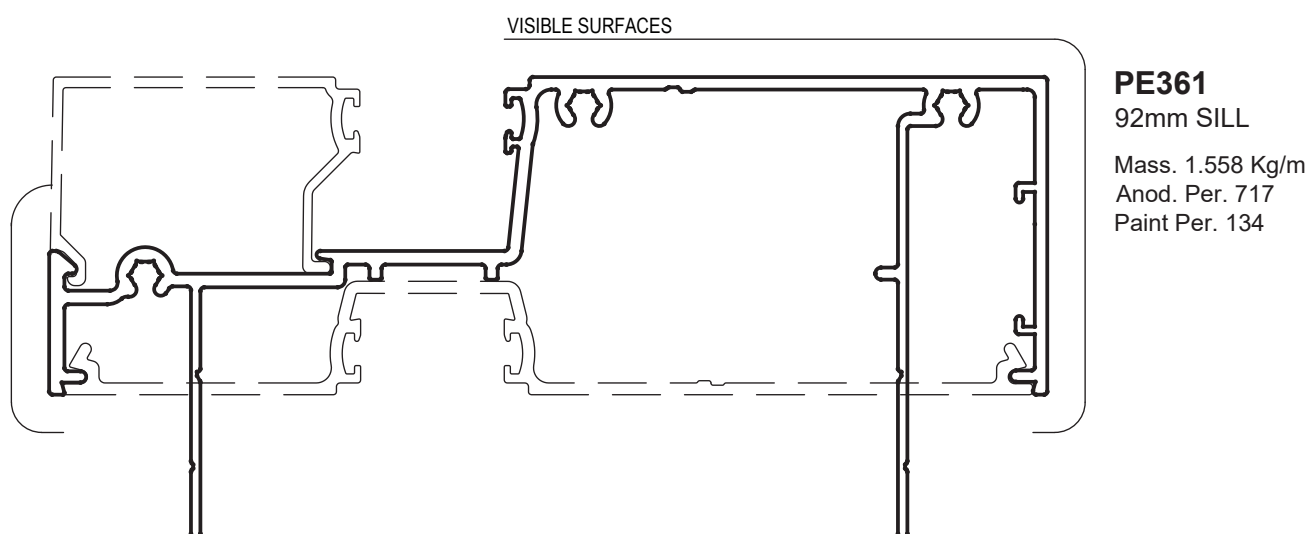
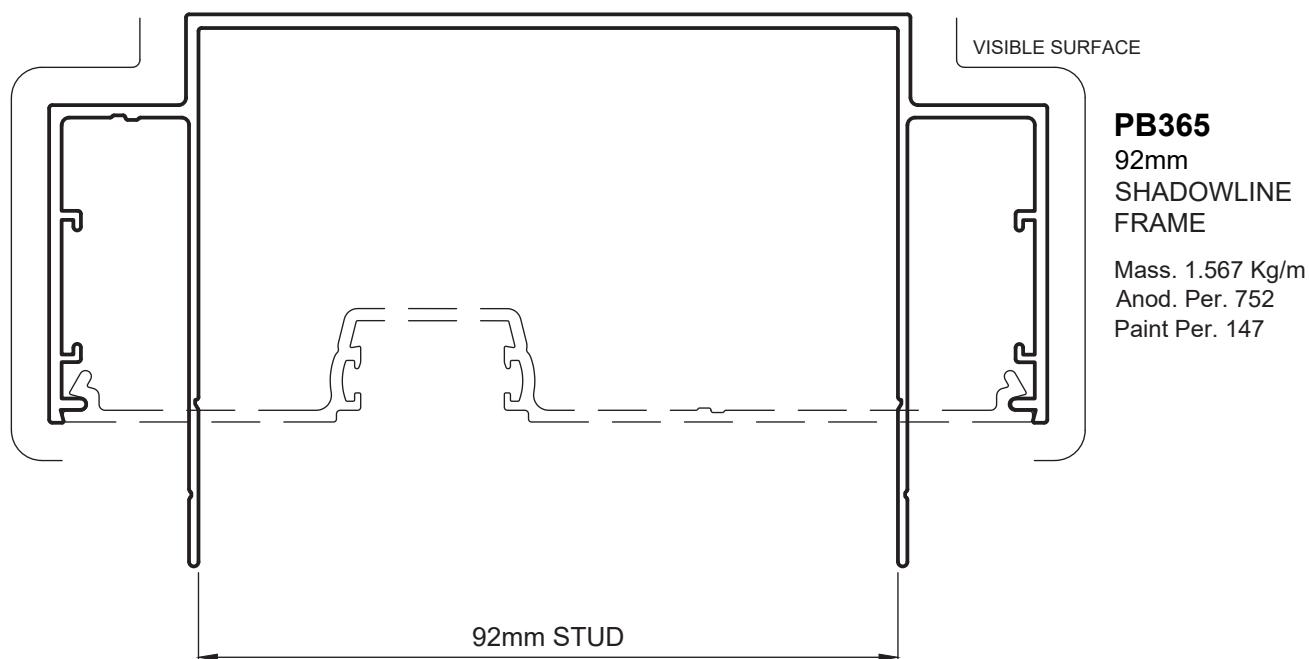


PE366
92mm GLAZING
ADAPTOR
Mass. 0.736 Kg/m
Anod. Per. 349
Paint Per. 119



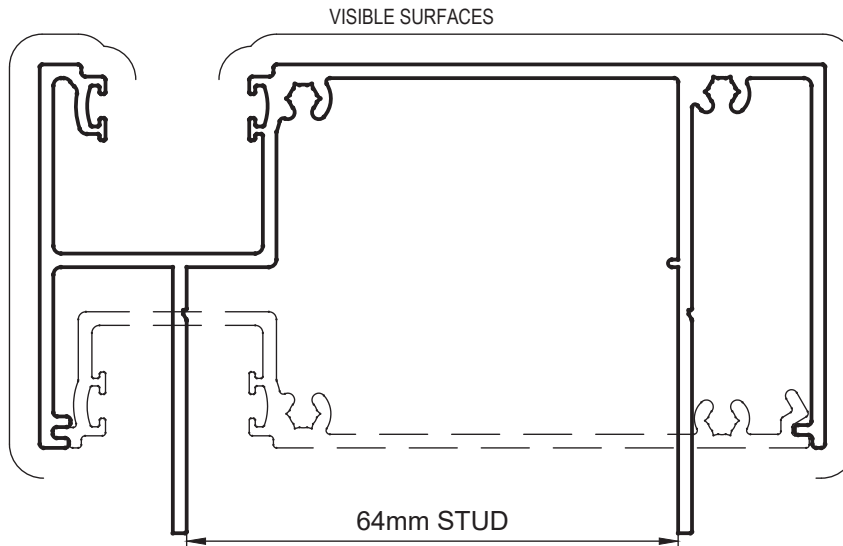
5. Extrusions

Opal Suite - 92mm Extrusions





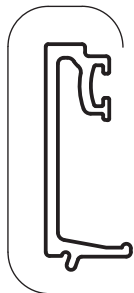
Opal Suite - 64mm Front Glazed Extrusions



PE664
64mm FRONT
GLAZED FRAME

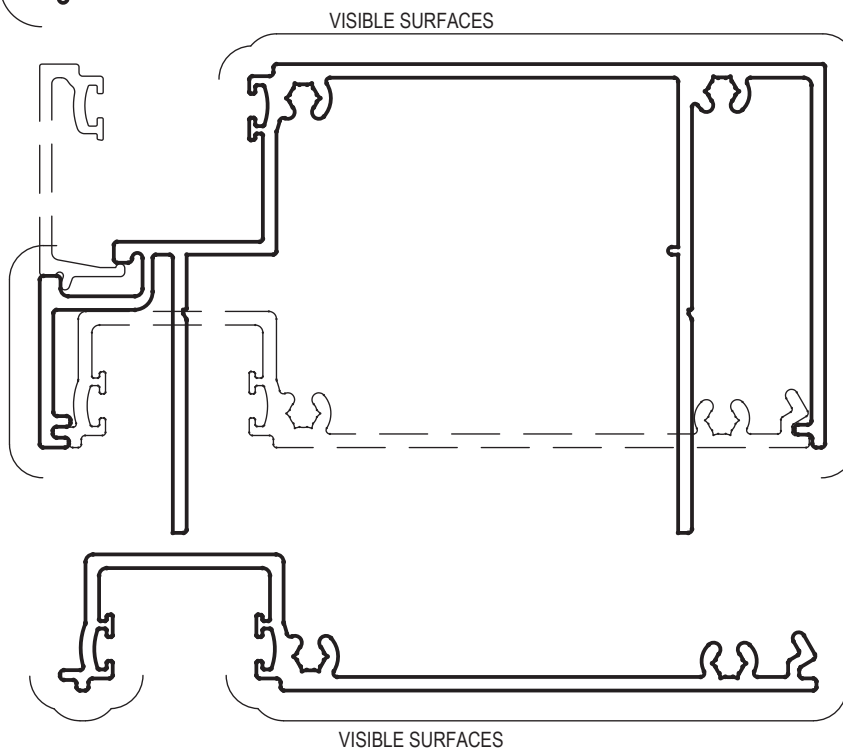
Mass. 1.792 Kg/m
Anod. Per. 726
Paint Per. 190

VISIBLE SURFACES



HE309
EXTERNAL GLAZE
PRESSURE BEAD

Mass. 0.239 Kg/m
Anod. Per. 116
Paint Per. 100



PE661
64mm FRONT
GLAZED SILL

Mass. 1.634 Kg/m
Anod. Per. 657
Paint Per. 153

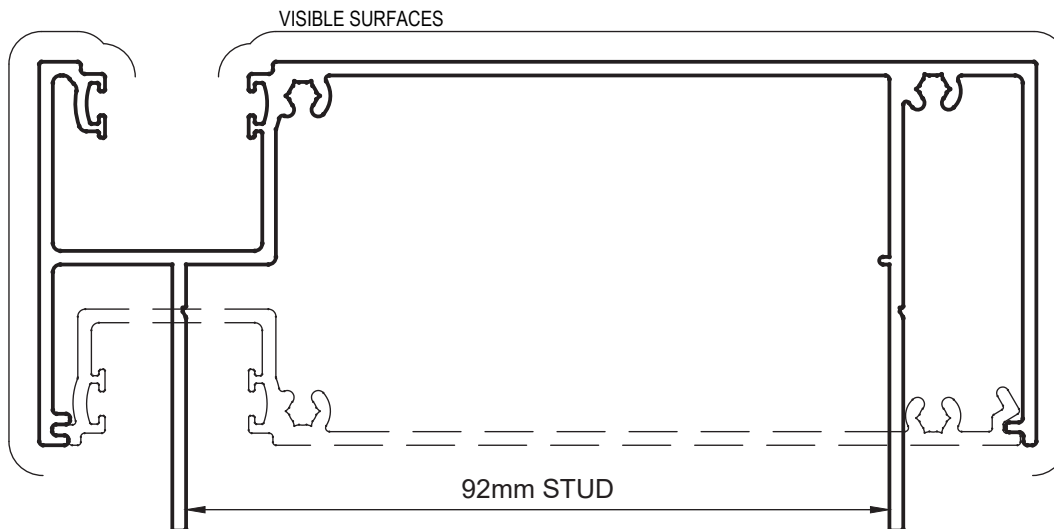
PE666
64mm FRONT
GLAZED ADAPTOR

Mass. 0.799 Kg/m
Anod. Per. 330
Paint Per. 100



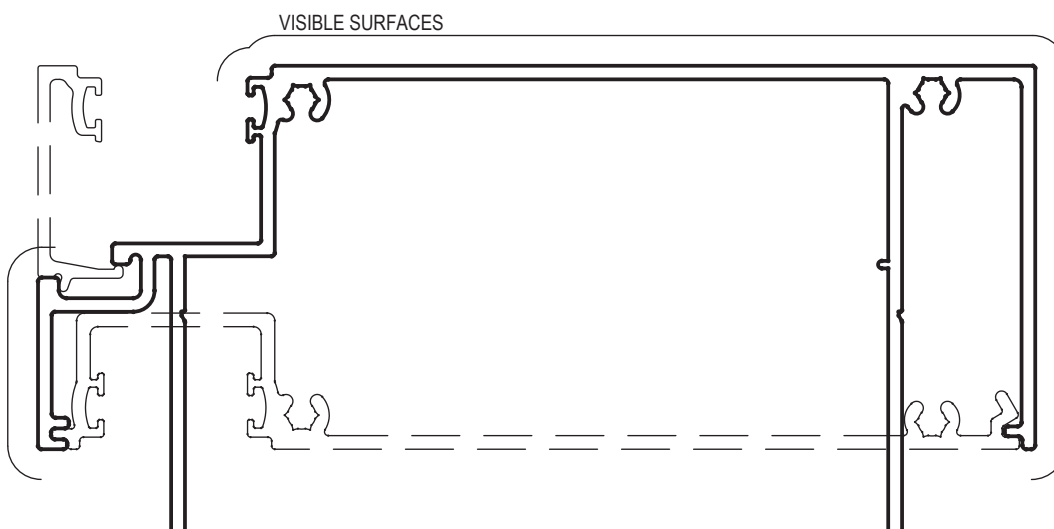
5. Extrusions

Opal Suite - 92mm Extrusions



PE964
92mm FRONT
GLAZED FRAME

Mass. 1.929 Kg/m
Anod. Per. 782
Paint Per. 223



PE961
92mm FRONT
GLAZED SILL

Mass. 1.779 Kg/m
Anod. Per. 713
Paint Per. 186

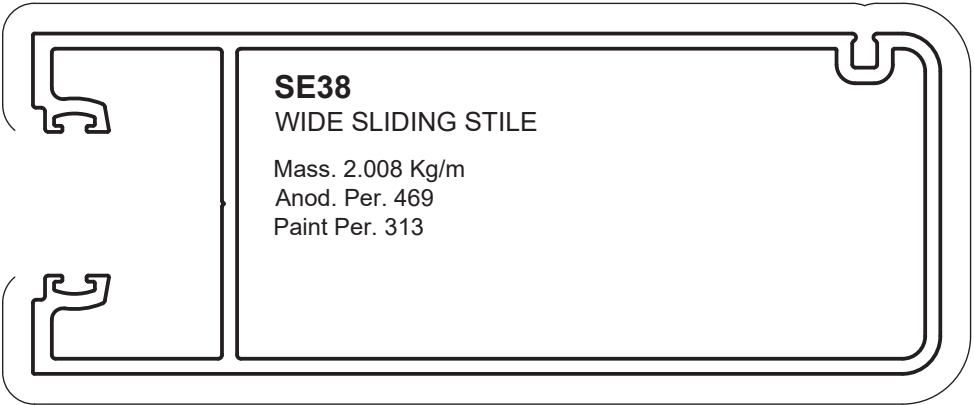


PE966
92mm FRONT
GLAZED
ADAPTOR

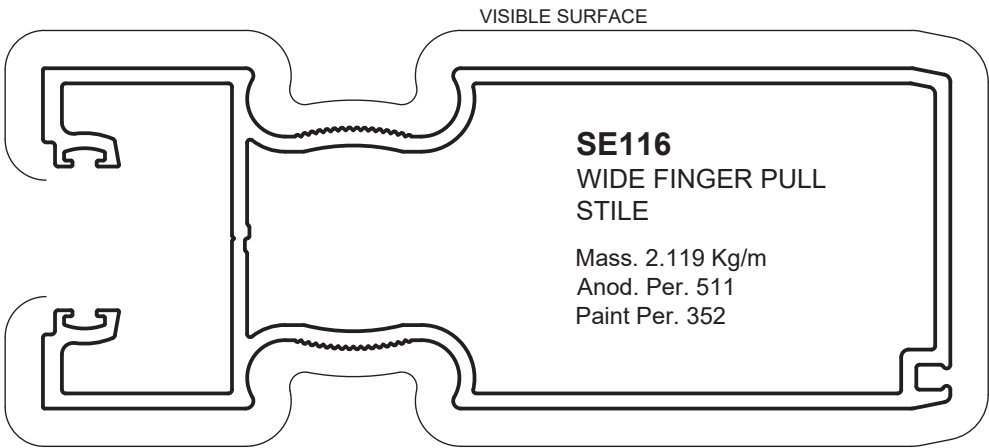
Mass. 0.935 Kg/m
Anod. Per. 386
Paint Per. 115

5. Extrusions

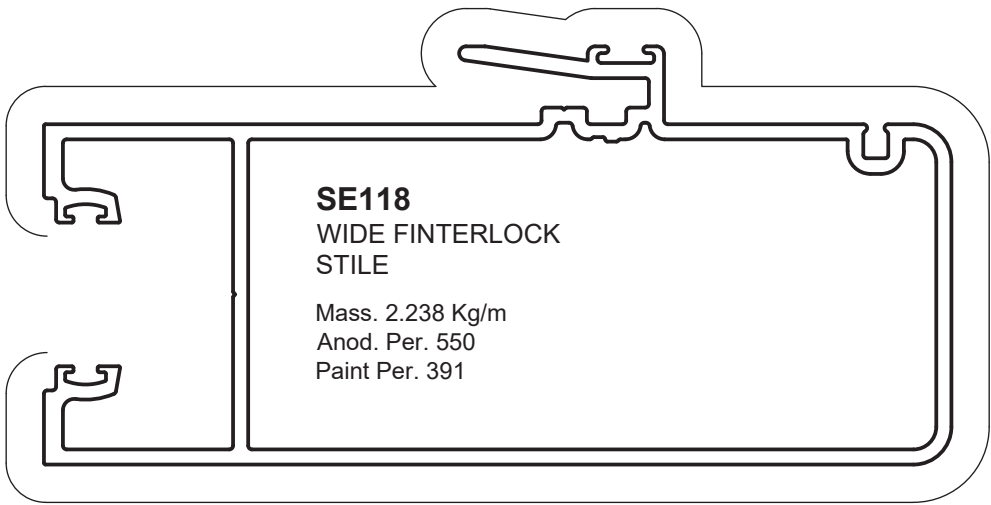
Opal Suite - Extrusions



VISIBLE SURFACE



VISIBLE SURFACE

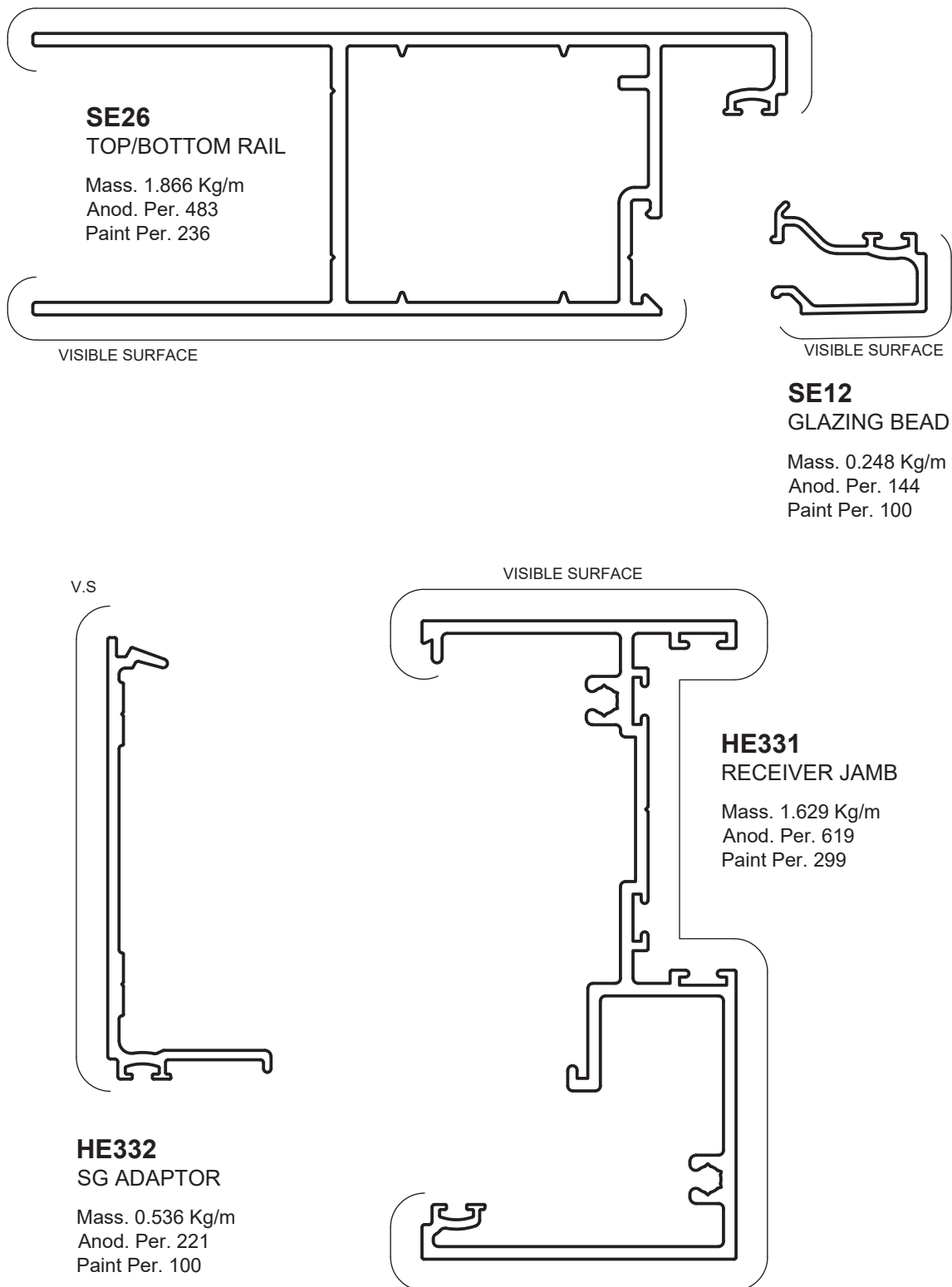


VISIBLE SURFACE



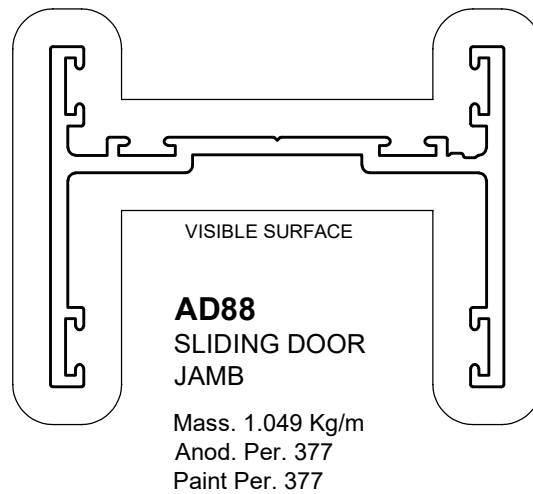
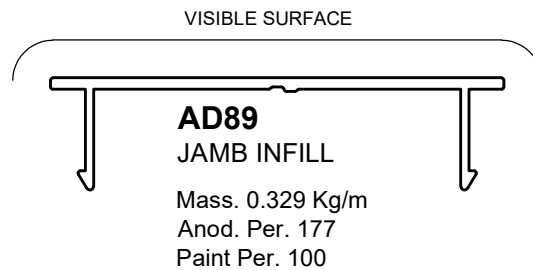
5. Extrusions

Opal Suite - Extrusions



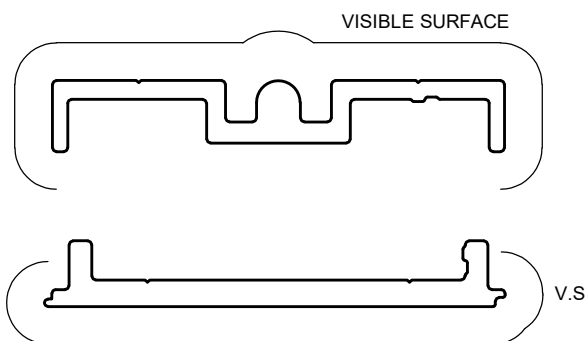
5. Extrusions

Opal Suite - Extrusions



AD1023
BOTTOM TRACK
CAP

Mass. 0.646 Kg/m
Anod. Per. 181
Paint Per. 100



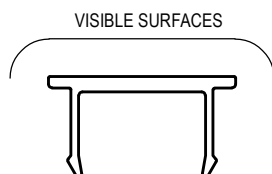
AD1024
BOTTOM TRACK
BASE

Mass. 0.636 Kg/m
Anod. Per. 148
Paint Per. 100



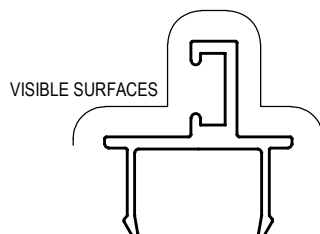
5. Extrusions

Opal Suite - Extrusions



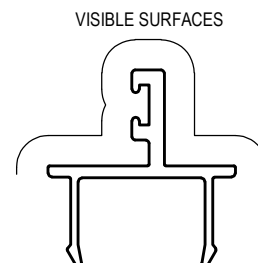
ME8
POCKET FILLER

Mass. 0.181 Kg/m
Anod. Per. 100
Paint Per. 100



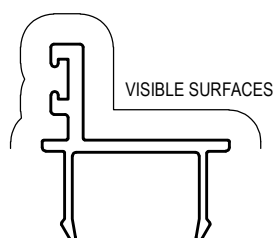
ME7
45mm DOOR STOP

Mass. 0.275 Kg/m
Anod. Per. 138
Paint Per. 100



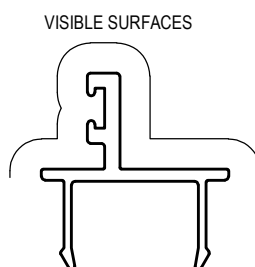
ME45
45mm DOOR STOP

Mass. 0.271 Kg/m
Anod. Per. 136
Paint Per. 100



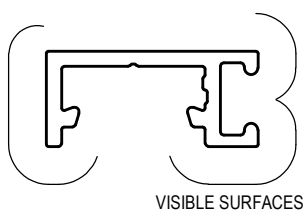
ME35
35mm DOOR STOP

Mass. 0.271 Kg/m
Anod. Per. 136
Paint Per. 100



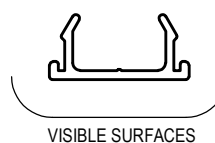
ME40
40mm DOOR STOP

Mass. 0.271 Kg/m
Anod. Per. 136
Paint Per. 100



AS9
CONCEALED PLANT
ON DOOR STOP

Mass. 0.315 Kg/m
Anod. Per. 125
Paint Per. 100



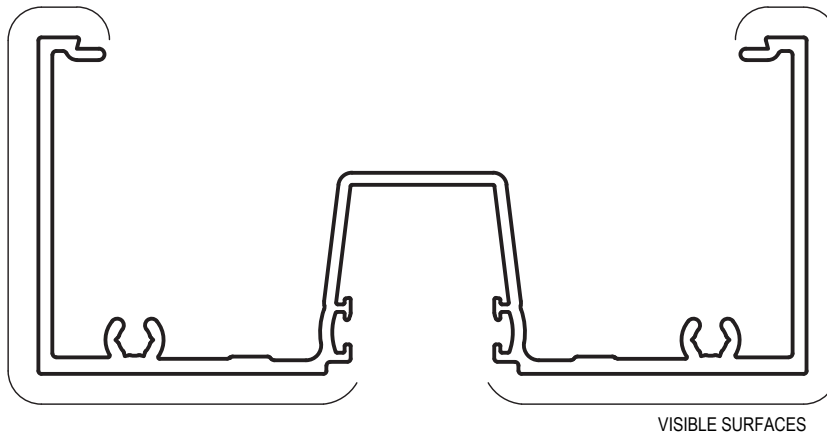
AS8C
MULTI PURPOSE
POCKET INFILL

Mass. 0.113 Kg/m
Anod. Per. 100
Paint Per. 100



5. Extrusions

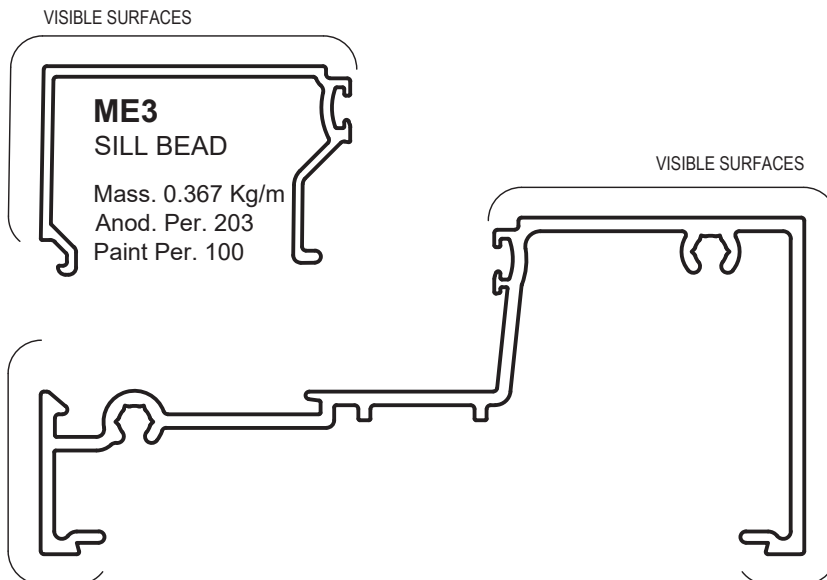
Opal Suite - Extrusions



ME1 FRAME / JAMB

Mass. 1.365 Kg/m
Anod. Per. 560
Paint Per. 182

$I_{xx} = 695.7 \times 10^3 \text{ mm}^4$



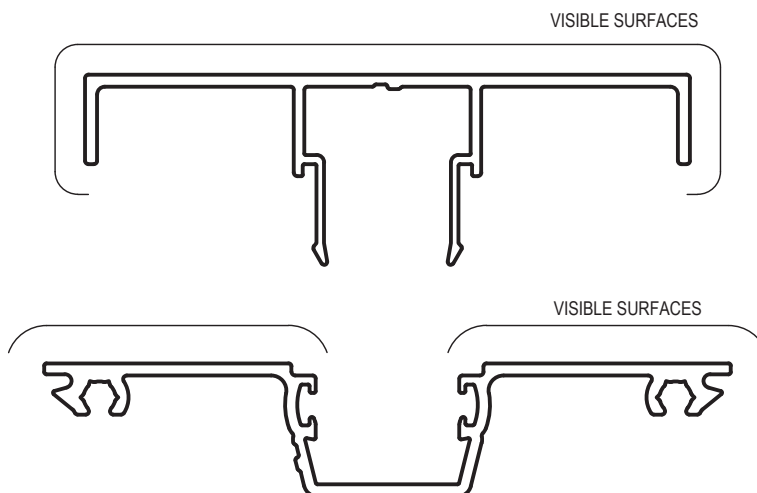
ME3 SILL BEAD

Mass. 0.367 Kg/m
Anod. Per. 203
Paint Per. 100

ME2 SILL

Mass. 1.133 Kg/m
Anod. Per. 464
Paint Per. 123

$I_{xx} = 539.6 \times 10^3 \text{ mm}^4$
 $I_{yy} = 75.9 \times 10^3 \text{ mm}^4$



ME86 PARTITION ADAPTOR

Mass. 0.615 Kg/m
Anod. Per. 311
Paint Per. 105

ME4 GLAZING ADAPTOR

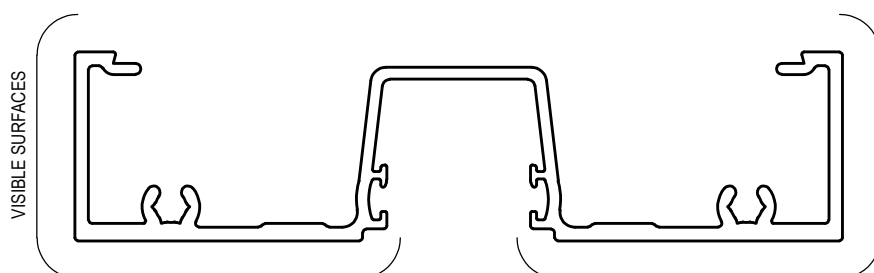
Mass. 0.685 Kg/m
Anod. Per. 303
Paint Per. 100

$I_{xx} = 187.7 \times 10^3 \text{ mm}^4$



5. Extrusions

Opal Suite - Extrusions



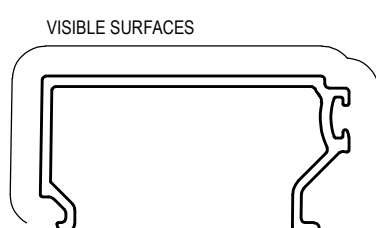
ME24

25mm NARROW FRAME

Mass. 1.140 Kg/m

Anod. Per. 468

Paint Per. 127



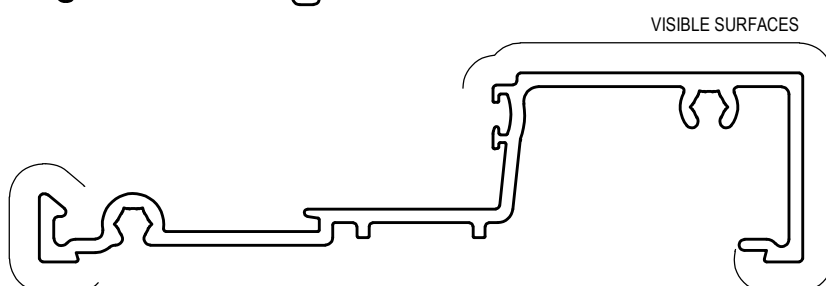
ME53

25mm SILL BEAD

Mass. 0.325 Kg/m

Anod. Per. 178

Paint Per. 100



ME52

25mm SILL

Mass. 0.931 Kg/m

Anod. Per. 379

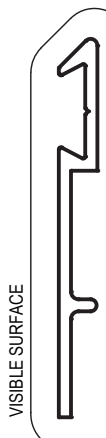
Paint Per. 100

$I_{xx} = 377.6 \times 10^3 \text{ mm}^4$

$I_{yy} = 25.8 \times 10^3 \text{ mm}^4$

5. Extrusions

Skirting - Extrusions



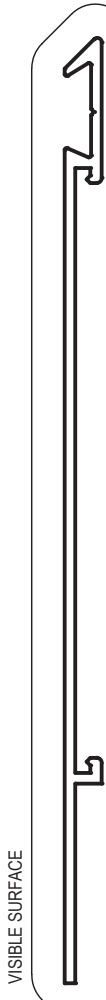
SK50
50mm SKIRTING

Mass. 0.270 Kg/m
Anod. Per. 123
Paint Per. 100



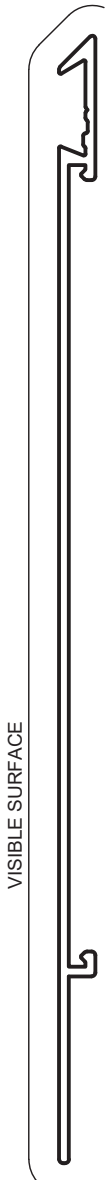
SK100
100mm SKIRTING

Mass. 0.418 Kg/m
Anod. Per. 236
Paint Per. 114



SK125
125mm SKIRTING

Mass. 0.537 Kg/m
Anod. Per. 283
Paint Per. 119

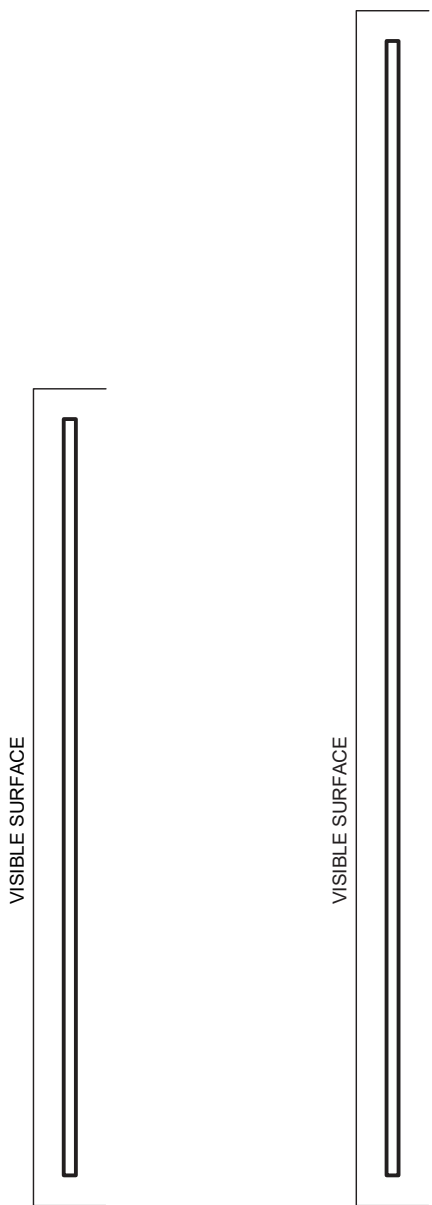


SK150
150mm SKIRTING

Mass. 0.586 Kg/m
Anod. Per. 331
Paint Per. 163

5. Extrusions

Skirting - Flat Bar Extrusions



1020209

FLAT BAR
100 x 1.5mm

Mass. 0.434 Kg/m
Anod. Per. 203
Paint Per. 102

1020250

FLAT BAR
150 x 1.5mm

Mass. 0.608 Kg/m
Anod. Per. 303
Paint Per. 153



6. Hardware & Components

Glazing Wedges

IMAGE	TO SUIT GAP	MATERIAL	PART #	DESCRIPTION
	2mm	PVC	1376132	GR32 GLAZING WEDGE (2mm GAP) x 200m ROLL
	2mm	PVC	1376076	GR15 CAPTIVE GLAZING WEDGE (2mm GAP) x 1m
	2mm	PVC	1376012	GR2 GLAZING WEDGE (2mm GAP) x 100m ROLL
		S/PRENE	1376254	GR2S GLAZING WEDGE (2mm GAP) S/PRENE x 100m ROLL
	3mm	PVC	1313055	GR43 GLAZING WEDGE (BROWN) (3mm GAP) PVC x 200m ROLL
		S/PRENE	1313063	GR43S GLAZING WEDGE (BROWN) (3mm GAP) S/PRENE x 200m ROLL
	4mm	PVC	1313056	GR44 GLAZING WEDGE (WHITE) (4mm GAP) PVC x 200m ROLL
		S/PRENE	1313064	GR44S GLAZING WEDGE (WHITE) (4mm GAP) S/PRENE x 200m ROLL
	4mm	PVC	1376015	GR3 GLAZING WEDGE (4mm GAP) x 100m ROLL
		S/PRENE	1376069	GR3S GLAZING WEDGE (4mm GAP) S/PRENE x 100m ROLL
	4mm	PVC	1376081	GR16 CAPTIVE GLAZING WEDGE (4mm GAP) x 100m ROLL
	4.5mm	PVC	1376147	GR638 GLAZING WEDGE (6.5mm GAP) PVC x 150m ROLL
		S/PRENE	1376148	GR638S GLAZING WEDGE (6.5mm GAP) S/PRENE x 150m ROLL
	5mm	PVC	1313057	GR45 GLAZING WEDGE (BLUE) (5mm GAP) PVC x 150m ROLL
		S/PRENE	1313065	GR45S GLAZING WEDGE (BLUE) (5mm GAP) S/PRENE x 150m ROLL
	5mm	PVC	1376021	GR4 GLAZING WEDGE (5mm GAP) x 100m ROLL
	6mm	PVC	1313058	GR46 GLAZING WEDGE (YELLOW) (6mm GAP) PVC x 150m ROLL
		S/PRENE	1313066	GR46S GLAZING WEDGE (YELLOW) (6mm GAP) S/PRENE x 150m ROLL
	6mm	S/PRENE	1376251	PE8566 SANTOPRENE RUBBER x 100m
	6.5mm	PVC	1376147	GR638 GLAZING WEDGE (6.5mm GAP) PVC x 150m ROLL
		S/PRENE	1376148	GR638S GLAZING WEDGE (6.5mm GAP) S/PRENE x 150m ROLL
	7mm	PVC	1313059	GR47 GLAZING WEDGE (RED) (7mm GAP) PVC x 150m ROLL
		S/PRENE	1313062	GR47S GLAZING WEDGE (RED) (7mm GAP) S/PRENE x 150m ROLL

6. Hardware & Components

Backing Gaskets

IMAGE	TO SUIT GAP	MATERIAL	PART #	DESCRIPTION
	2mm	PVC	1313052	GR36 BACKING GASKET - PUSH IN (2mm GAP) x 200m ROLL PVC
		S/PRENE	1313053	GR36S BACKING GASKET - PUSH IN (2mm GAP) S/PRENE x 200m ROLL
	2mm	PVC	1313079	CE36 CO-EXT BACKING GASKET (2mm GAP) x 100m ROLL PVC
		S/PRENE	1313080	CE36S CO-EXT BACKING GASKET (2mm GAP) S/PRENE x 100m ROLL
	4mm	PVC	1313054	GR37 BACKING GASKET - PUSH IN (4mm GAP) x 175m ROLL PVC
		S/PRENE	1313069	GR37S BACKING GASKET - PUSH IN (4mm GAP) S/PRENE x 175m ROLL
	4mm	PVC	1313081	CE37 CO-EXT BACKING GASKET (4mm GAP) x 100m ROLL PVC
		S/PRENE	1313082	CE37S CO-EXT BACKING GASKET (4mm GAP) S/PRENE x 100m ROLL
	6mm	PVC	1313074	GR49 BACKING GASKET - PUSH IN (6mm GAP) x 150m ROLL PVC
		S/PRENE	1313075	GR49S BACKING GASKET - PUSH IN (6mm GAP) S/PRENE x 150m ROLL
	6mm	PVC	1313083	CE49 CO-EXT BACKING GASKET (6mm GAP) x 100m ROLL PVC
		S/PRENE	1313084	CE49S CO-EXT BACKING GASKET (6mm GAP) S/PRENE x 100m ROLL
	8.5mm	S/PRENE	1313078	CE52S CO-EXT BACKING GASKET (8.5mm GAP) x 100m ROLL



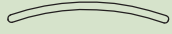
6. Hardware & Components

Seals & Rubbers

IMAGE	PART #	FINISH	DESCRIPTION
	1376401	BLACK (034)	DB1 DOOR STOP RUBBER x 1m
	1376402		DB1 DOOR STOP RUBBER x 100m
	1376410		DB1 DOOR STOP RUBBER x 200m
	1376403	GREY (036)	DB1 DOOR STOP RUBBER GREY x 200m
	1376406	BLACK (034)	DB2 PARTITION DOOR RUBBER x MTR
	1376405		DB2 PARTITION DOOR RUBBER 100m ROLL
	1376414	BLACK (034)	LIP SEAL 4.8mm x 1m
	1376413	BLACK (034)	LIP SEAL 4.8mm x 200m
	1313090	BLACK (034)	CE308 CO-EXT DOOR BUFFER x 1m
	1376079	BLACK (034)	CE308 CO-EXT DOOR BUFFER S/PRENE x 200m ROLL
	1376077	BLACK (034)	CE308FR CO-EXT DOOR BUFFER F/RES x 100m ROLL
	1376328	BLACK (034)	CE8 CO-EXT DOOR BUFFER x 100m ROLL
	1313101	BLACK (034)	CE8 CO-EXT DOOR BUFFER x 1m
	1377086	BLACK (034)	PB69-675-4P WEATHERSEAL x 1m PS10
	1377084		PB69-675-4P WEATHERSEAL x 100m BLACK PS10
	1377083		PB69-675-4P WEATHERSEAL x 350m PS10
	1377085	GREY (036)	PB69-675-4P WEATHERSEAL x 100m GREY PS10
	1377901	BLACK (034)	PB90-900-6P WEATHERSEAL x 1m
		GREY (036)	
	1377084	BLACK (034)	PB69-675-4P WEATHERSEAL x 100m BLACK PS10
	1377085	GREY (036)	PB69-675-4P WEATHERSEAL x 100m GREY PS10
	1377086	BLACK (034) GREY (036)	PB69-675-4P WEATHERSEAL x 1m PS10
	1377153	BLACK (034)	PB69-675-4P WEATHERSEAL x 300m BLK
	1377152	GREY (036)	PB69-675-4P WEATHERSEAL x 300m GREY
	1377083	BLACK (034) GREY (036)	PB69-675-4P WEATHERSEAL x 350m PS10
	1377134	BLACK (034) GREY (036)	PB90-900-6P WEATHERSEAL x 150m
	1377901		PB90-900-6P WEATHERSEAL x 1m

6. Hardware & Components

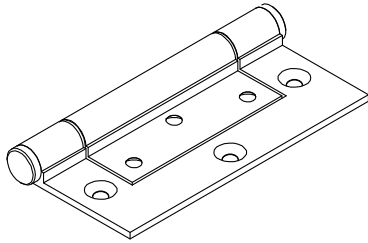
Skirting Rubber & 13mm Cover Tape

IMAGE	PART #	FINISH	DESCRIPTION
	1376201	BLACK (034)	SR1 SKIRTING RUBBER BLACK MTR
	1376202		SR1B-100 SKIRTING RUBBER BLACK
	1376203		SR1B-50 SKIRTING RUBBER BLACK
	1376206	GREY (036)	SR1G SKIRTING RUBBER GREY MTR
	1376207		SR1G-100 SKIRTING RUBBER GREY
	1376208		SR1G-50 SKIRTING RUBBER GREY
	1376209	PERAL WHITE GLOSS (010)	SR1 SKIRTING RUBBER WHITE 100MTR
	1376503	BLACK (034)	CT1B-150 13MM COVER TAPE BLACK
	1376504		CT1B-50 13MM COVER TAPE BLACK
	1376501		CT1B-MTR 13MM COVER TAPE BLACK
	1376511	GREY (036)	CT1G-150 13MM COVER TAPE GREY
	1376510		CT1G-50 13MM COVER TAPE GREY
	1376513		CT1G-MTR 13MM COVER TAPE GREY



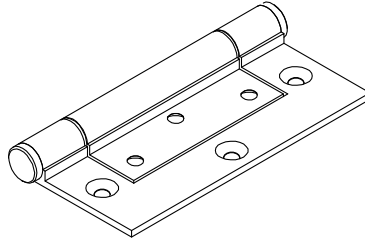
6. Hardware & Components

Accessories



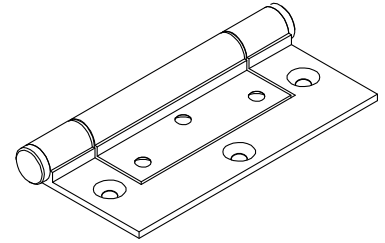
**NO3 SS HINGE 102 x 2.5mm
(ALUMINIUM)**

PART	1364001
FINISH	STAINLESS STEEL (0G8)
QTY	EACH



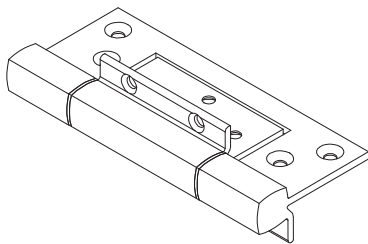
**NO9 SS HINGE 102 x 2.5mm
(TIMEBR)**

PART	1364002
FINISH	STAINLESS STEEL (0G8)
QTY	EACH



**NO9 ALUMINIUM HINGE CLEAR
ANO 102 x 2.5mm**

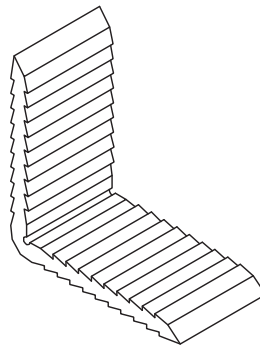
PART	1364075
FINISH	STAINLESS STEEL (0G8)
QTY	EACH



Note: More colours available.
Contact your local branch

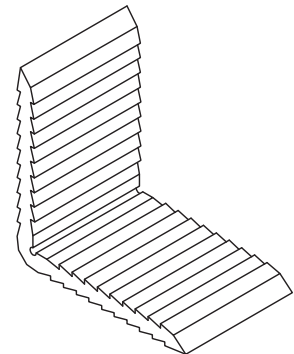
**A104 HEAVY DUTY ALUM FAST FIX
HINGE**

PART	1374011
FINISH	BLACK (034) WHITE (010) MILL (001)
QTY	BOX (6 PER BOX)



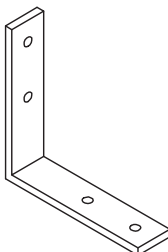
**CS1 [D2846] DOOR JAMB CNR
STAKE**

PART	1379011
FINISH	NOT SPECIFIED (099)
QTY	EACH



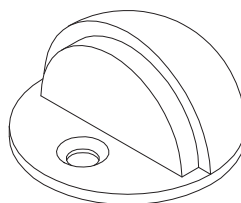
CS4 CORNER STAKE TO SUIT L8448

PART	1379013
FINISH	NOT SPECIFIED (099)
QTY	EACH



**CS2 (L8404) DISPLAY SUITE C/
STAKE**

PART	1379012
FINISH	NOT SPECIFIED (099)
QTY	EACH

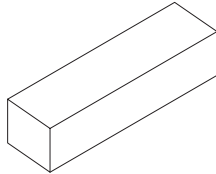


**DOOR STOP FLOOR MOUNTED
HALF MOON 290SC**

PART	1378352
FINISH	SATIN CHROME (094)
QTY	EACH

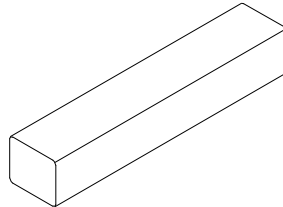
6. Hardware & Components

Accessories



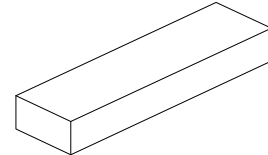
SETTING BLOCK 10 x 13 x 75mm

PART	1376762
FINISH	BLACK (034)
QTY	BAG



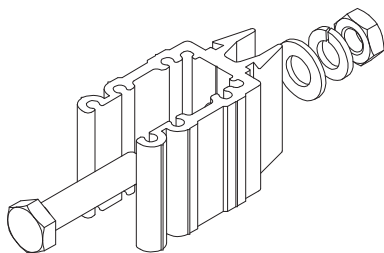
SETTING BLOCK 13 x 15 x 75mm

PART	1376730
FINISH	BLACK (034)
QTY	BAG



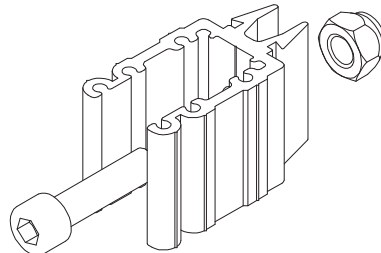
SETTING BLOCK 8 x 10 x 50mm

PART	1376768
FINISH	BLACK (034)
QTY	EACH



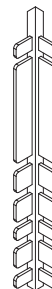
AD1030E EXTENDED SPIGOT (SET 4)

PART	1378047
FINISH	NOT SPECIFIED (099)
QTY	BAG



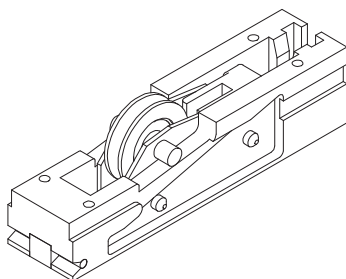
AD1030E(Q) EXTENDED SPIGOT (SET4)

PART	1378048
FINISH	NOT SPECIFIED (099)
QTY	BAG



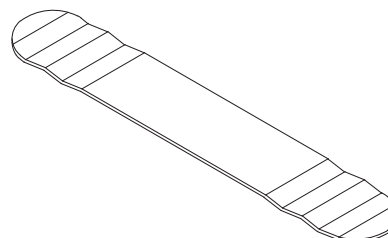
SK1 150mm SKIRTING END CAP & CORNER

PART	1379031
FINISH	BLACK (034) WHITE (010) GREY (036) STONE BEIGE (015)
QTY	EACH



KARMAC 9-407-10 H/D ADJUSTABLE ROLLER

PART	1378010
FINISH	BLACK (034)
QTY	EACH



CS8 STRAIGHT CONNECTOR

PART	1379044
FINISH	NOT SPECIFIED (099)
QTY	EACH



6. Hardware & Components

Silicone



100% NEUTRAL CURE SILICONE

- Premium 100% silicone
- UV Stable
- Superior adhesion
- Flexible + 25%
- AS4020 Approved



100% MATTE NEUTRAL CURE SILICONE

- Premium 100% silicone
- Matte finish
- UV Stable
- Outstanding elongation
- Higher strength



4:1 CLADDING SILICONE

- Premium 100% silicone
- UV Stable
- Superior adhesion
- Movement capability + 50%



WET AREA SILICONE

- Premium 100% silicone
- Mould inhibited
- Movement capability + 25%
- UV Stable
- Non corrosive
- Superior adhesion



HYBRID PU ADHESIVE SEALANT

- No isocyanates
- Internal/External
- No shrinking/staining
- Paintable
- Excellent adhesion



20 ACETIC CURE SILICONE

- Premium 100% silicone
- UV Stable
- Superior adhesion
- Flexible + 25%



D60 SILICONE

- Premium 100% silicone
- UV Stable
- 2-5 minute skin time
- Flexible + 25%
- No slump

*For more information on silicones,
please refer to Alspec Silicone Brochure.



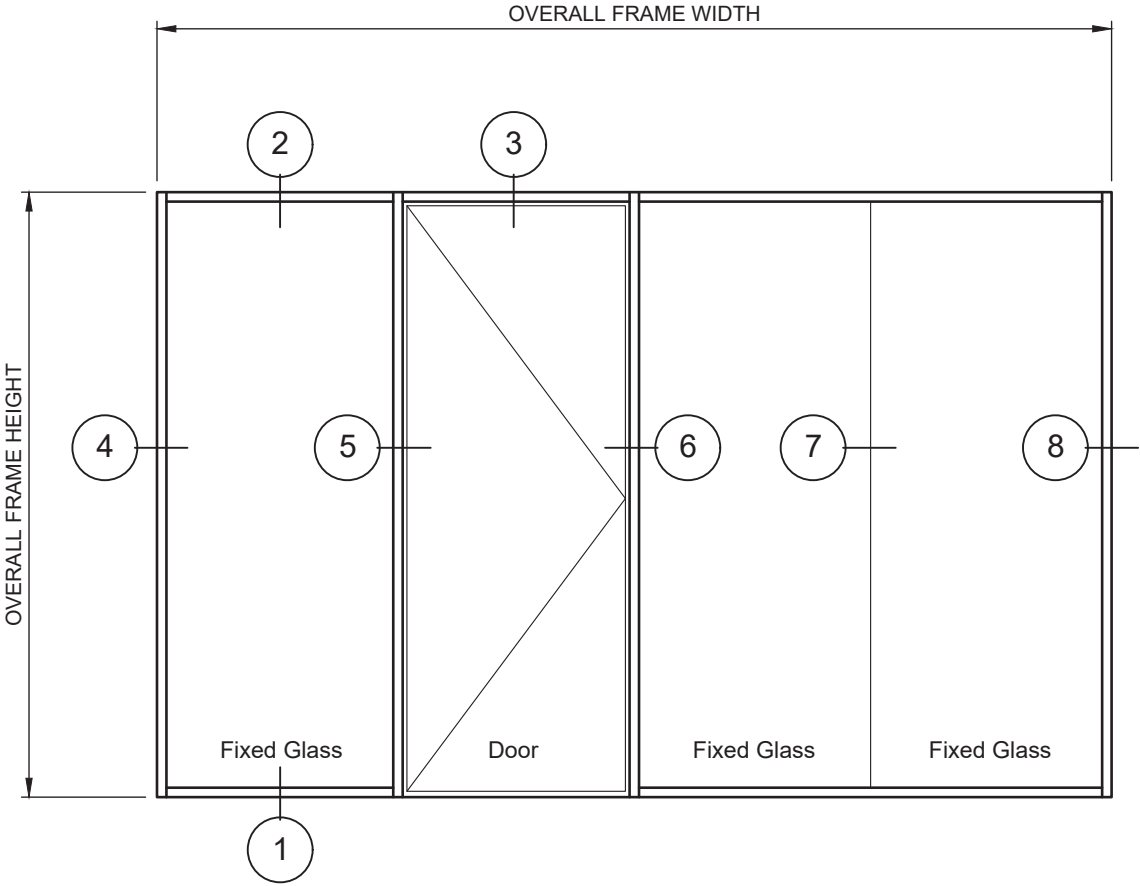
6. Hardware & Components

Silicone Product Codes

Product Category	Item No.	Alspec Part No. Code	Description	Finish	Pack
ALSPEC 100%	1	1386113	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	ALMOND IVORY	CARTRIDGE
	2	1386114	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	ALUMINIUM	CARTRIDGE
	3	1386105	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	BLACK	CARTRIDGE
	4	1386140	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	CAULFIELD GREEN	CARTRIDGE
	5	1386111	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	CLASSIC CREAM	CARTRIDGE
	6	1386108	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	GREY	CARTRIDGE
	7	1386138	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	MONUMENT	CARTRIDGE
	8	1386112	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	OFF WHITE	CARTRIDGE
	9	1386141	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	STONE BEIGE	CARTRIDGE
	10	1386101	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
	11	1386106	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	WHITE	CARTRIDGE
	12	1386143	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	WOODLAND GREY	CARTRIDGE
ALSPEC 100% MATT	13	1386103	ALSPEC 100% NEUTRAL CURE SILICONE x 420g CAT	BLACK MATT	CARTRIDGE
	14	1386107	ALSPEC 100% NEUTRAL CURE SILICONE x 420g CAT	GREY MATT	CARTRIDGE
	15	1386144	ALSPEC 100% NEUTRAL CURE SILICONE x 420g CAT	WHITE MATT	CARTRIDGE
ALSPEC 20	16	1386115	ALSPEC 20 SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
ALSPEC 41 CLADDING	17	1386159	ALSPEC 41 SILICONE x 400g CAT	BLACK MATT	CARTRIDGE
	18	1386117	ALSPEC 41 SILICONE x 600ml SAU	BLACK MATT	SAUSAGE
	19	1386158	ALSPEC 41 SILICONE x 400g CAT	LIGHT GREY MATT	CARTRIDGE
	20	1386118	ALSPEC 41 SILICONE x 600ml SAU	LIGHT GREY MATT	SAUSAGE
	21	1386157	ALSPEC 41 SILICONE x 400g CAT	WHITE MATT	CARTRIDGE
	22	1386145	ALSPEC 41 SILICONE x 600ml SAU	WHITE MATT	SAUSAGE
ALSPEC D60	23	1386121	ALSPEC D60 SILICONE x 310g CAT	BLACK	CARTRIDGE
	25	1386123	ALSPEC D60 SILICONE x 310g CAT	GREY	CARTRIDGE
	26	1386120	ALSPEC D60 SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
	27	1386124	ALSPEC D60 SILICONE x 310g CAT	WHITE	CARTRIDGE
ALSPEC HYBRID PU	28	1386127	ALSPEC HYBRID PU x 480g CAT	BLACK	CARTRIDGE
	29	1386126	ALSPEC HYBRID PU x 600ml SAU	BLACK	SAUSAGE
	30	1386160	ALSPEC HYBRID PU x 480g CAT	GREY	CARTRIDGE
	31	1386128	ALSPEC HYBRID PU x 600ml SAU	GREY	SAUSAGE
	32	1386130	ALSPEC HYBRID PU x 480g CAT	WHITE	CARTRIDGE
	33	1386129	ALSPEC HYBRID PU x 600ml SAU	WHITE	SAUSAGE
ALSPEC WET AREA	34	1386137	ALSPEC WET AREA SILICONE x 310g CAT	ALMOND IVORY	CARTRIDGE
	35	1386139	ALSPEC WET AREA SILICONE x 310g CAT	BLACK	CARTRIDGE
	36	1386146	ALSPEC WET AREA SILICONE x 310g CAT	BLUESTONE	CARTRIDGE
	37	1386147	ALSPEC WET AREA SILICONE x 310g CAT	CHARCOAL	CARTRIDGE
	38	1386136	ALSPEC WET AREA SILICONE x 310g CAT	LIGHT GREY	CARTRIDGE
	39	1386148	ALSPEC WET AREA SILICONE x 310g CAT	MID GREY	CARTRIDGE
	40	1386149	ALSPEC WET AREA SILICONE x 310g CAT	OFF WHITE	CARTRIDGE
	41	1386150	ALSPEC WET AREA SILICONE x 310g CAT	PEWTER	CARTRIDGE
	42	1386151	ALSPEC WET AREA SILICONE x 310g CAT	STONE BEIGE	CARTRIDGE
	43	1386154	ALSPEC WET AREA SILICONE x 310g CAT	TAUPE	CARTRIDGE
	44	1386152	ALSPEC WET AREA SILICONE x 310g CAT	TILE GREY	CARTRIDGE
	45	1386133	ALSPEC WET AREA SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
	46	1386153	ALSPEC WET AREA SILICONE x 310g CAT	TRAVERTINE	CARTRIDGE
	47	1386134	ALSPEC WET AREA SILICONE x 310g CAT	WHITE	CARTRIDGE

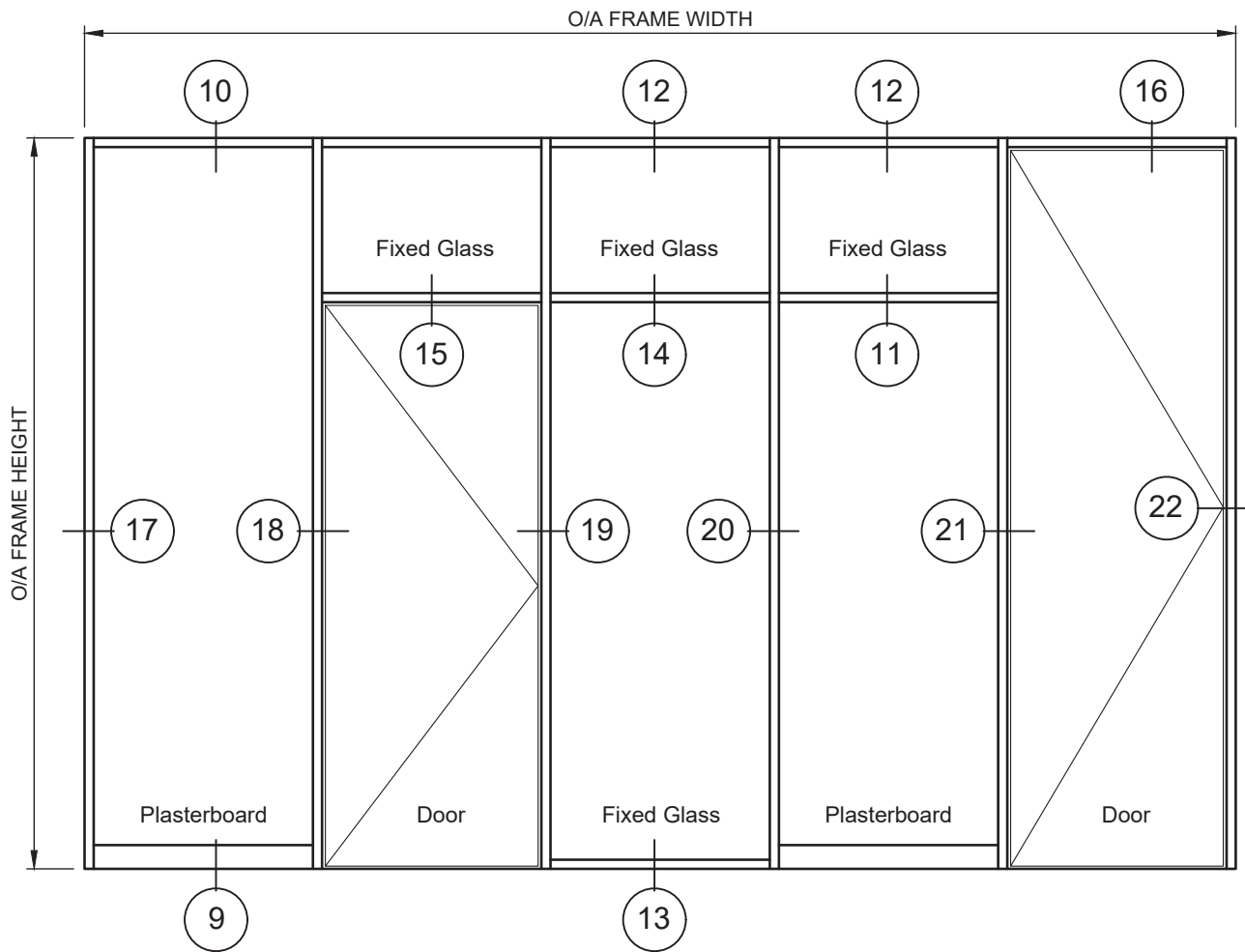
7. Typical Elevation

45mm Display Suite



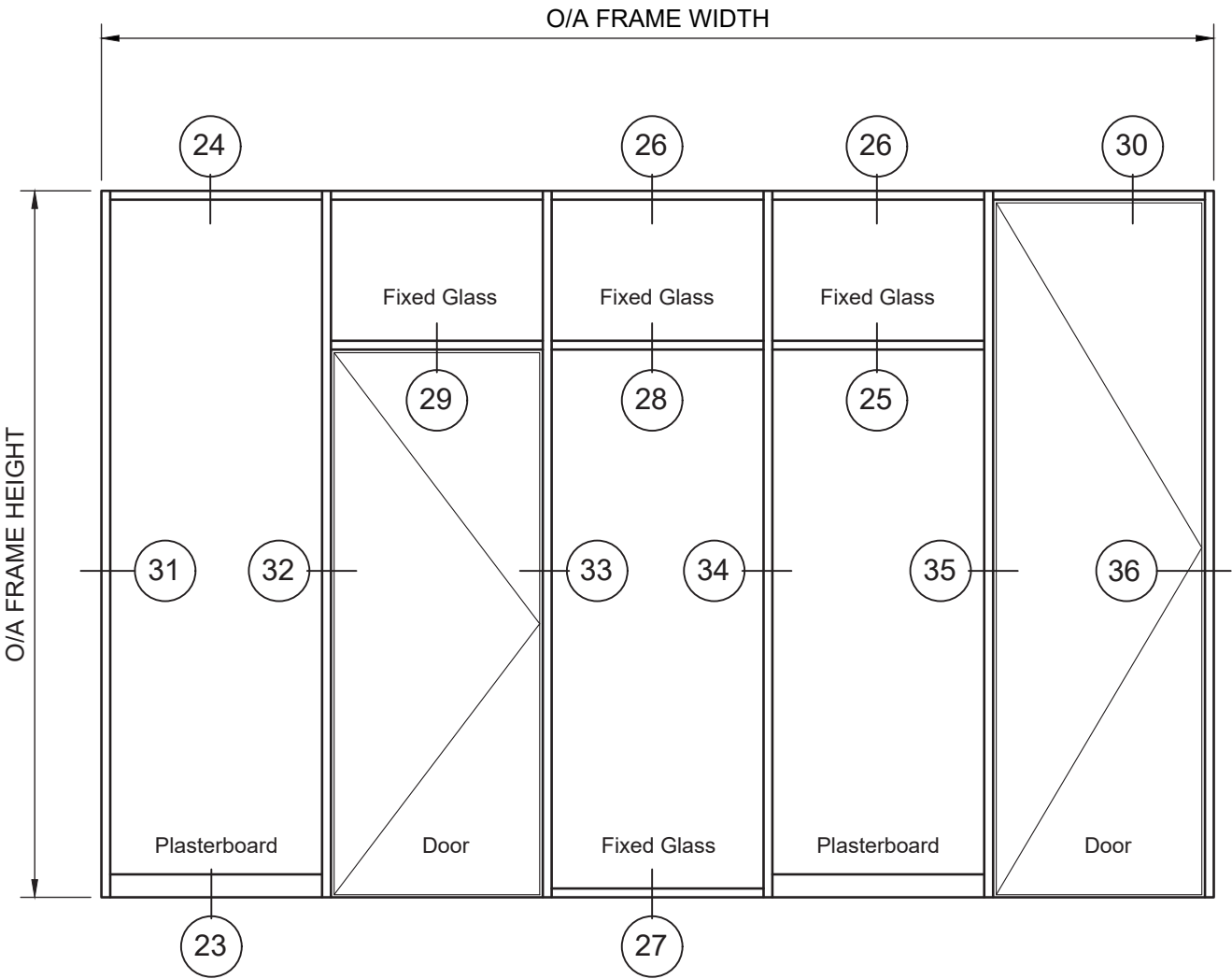
7. Typical Elevation

Diamond Suite



7. Typical Elevation

Opal Suite

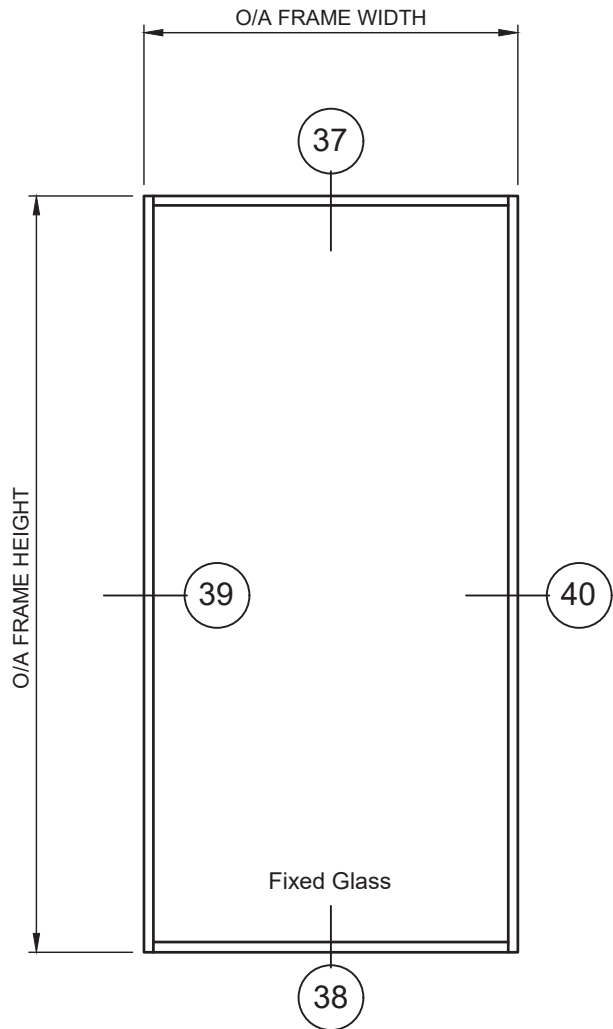


7. Typical Elevation

Opal Suite

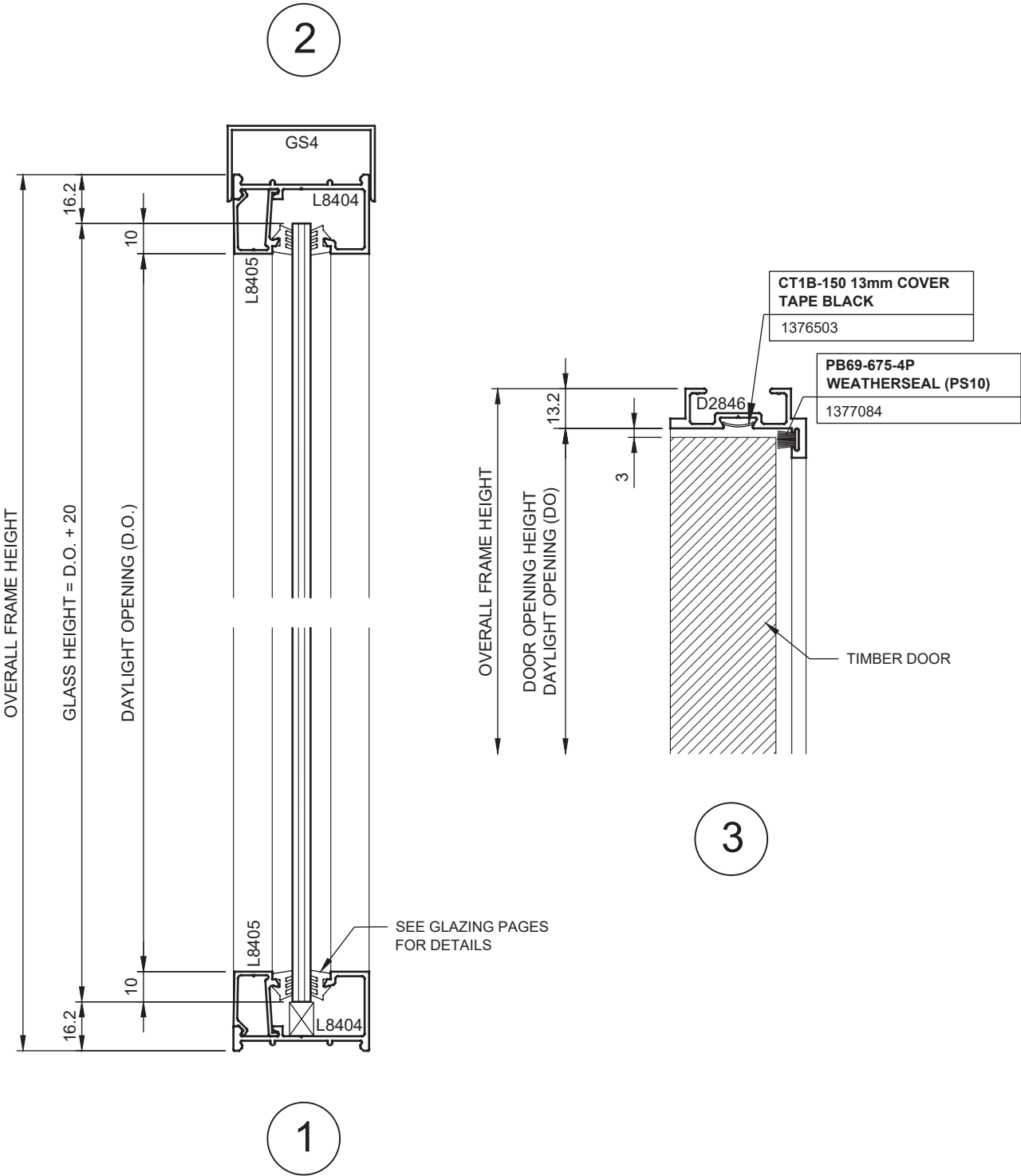


Partitioning



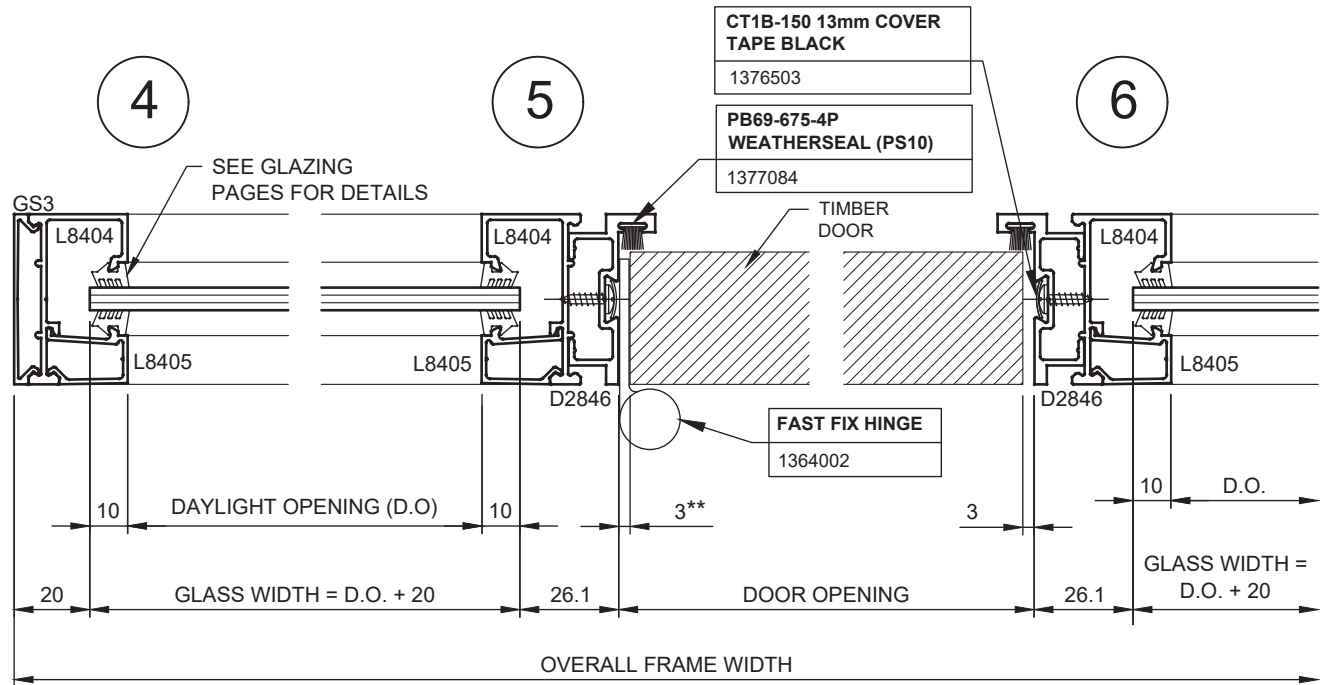
8. Typical Details

45mm Display Suite - Head, Door & Sill Details

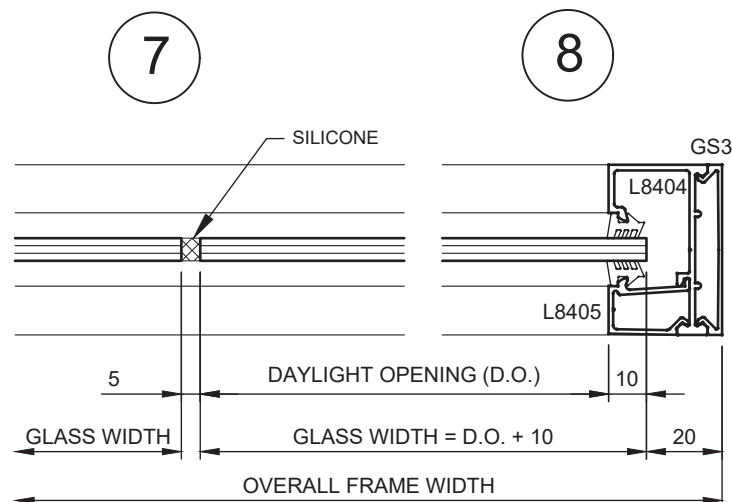


8. Typical Details

45mm Display Suite - Jamb, Door & Mullion Details

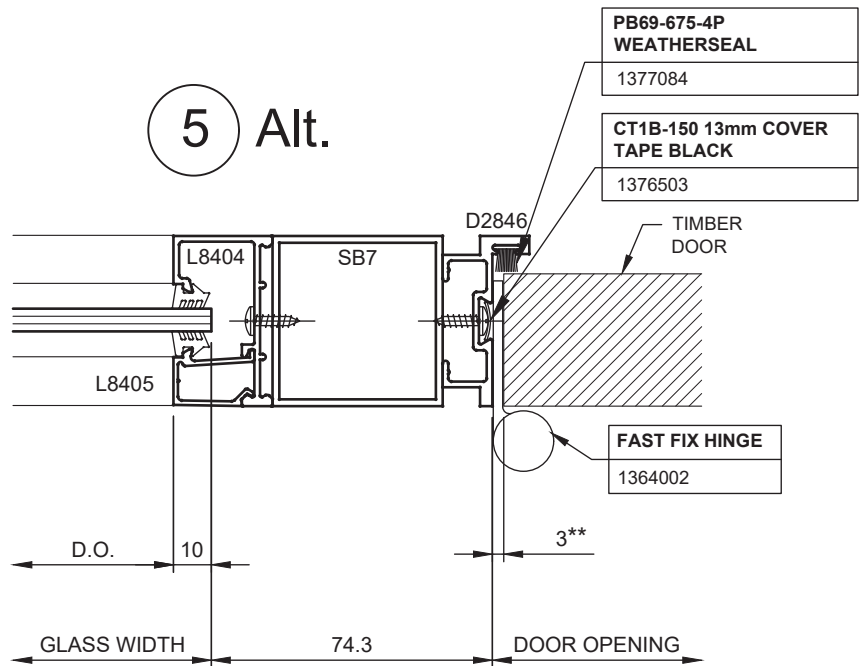


NOTE: ** DIMENSION IS DETERMINED BY HINGE SPECIFIED



8. Typical Details

45mm Display Suite - Hinged Door & Jamb Details

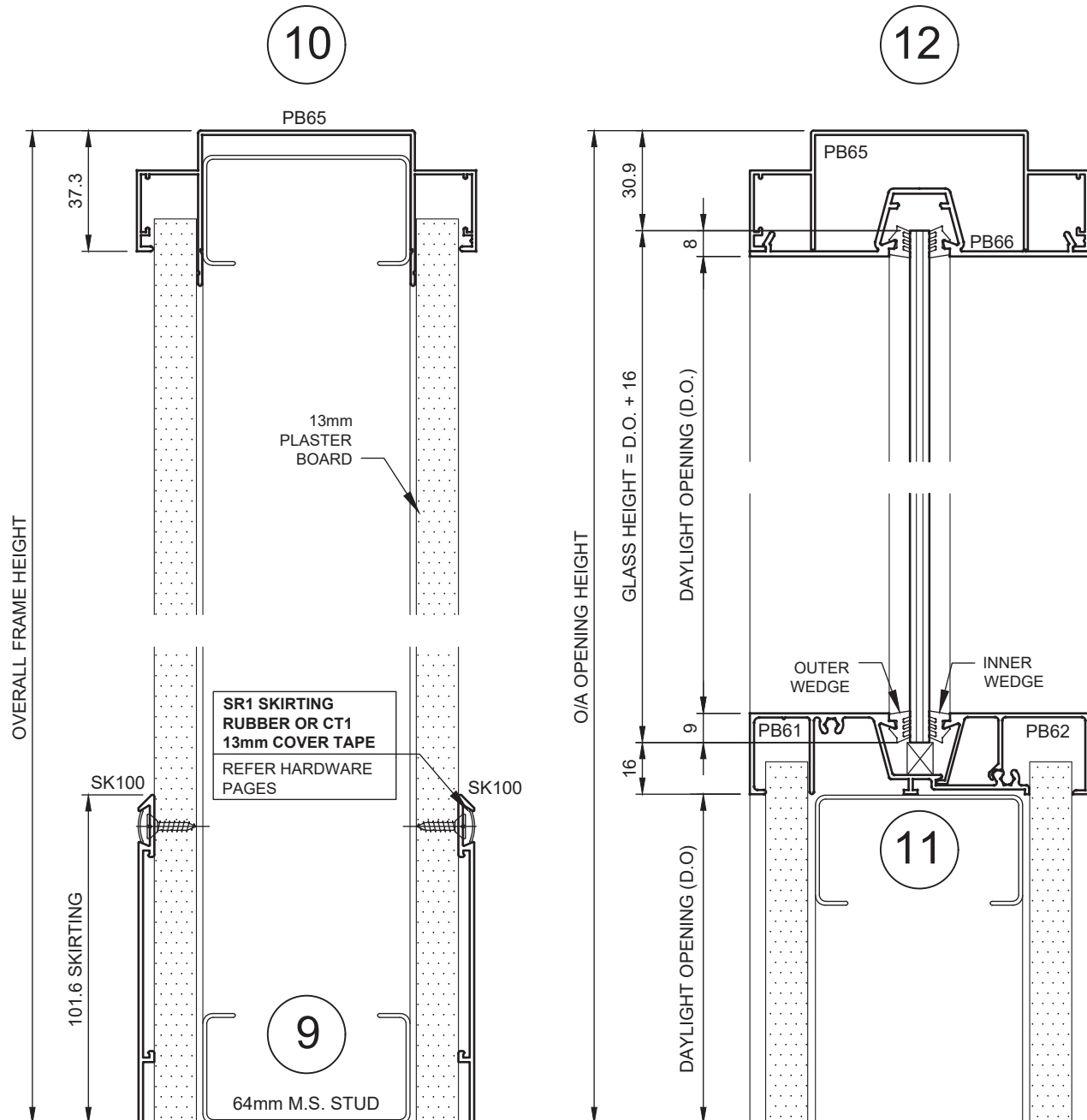


8. Typical Details

Diamond Suite - Sill, Transom and Head Details

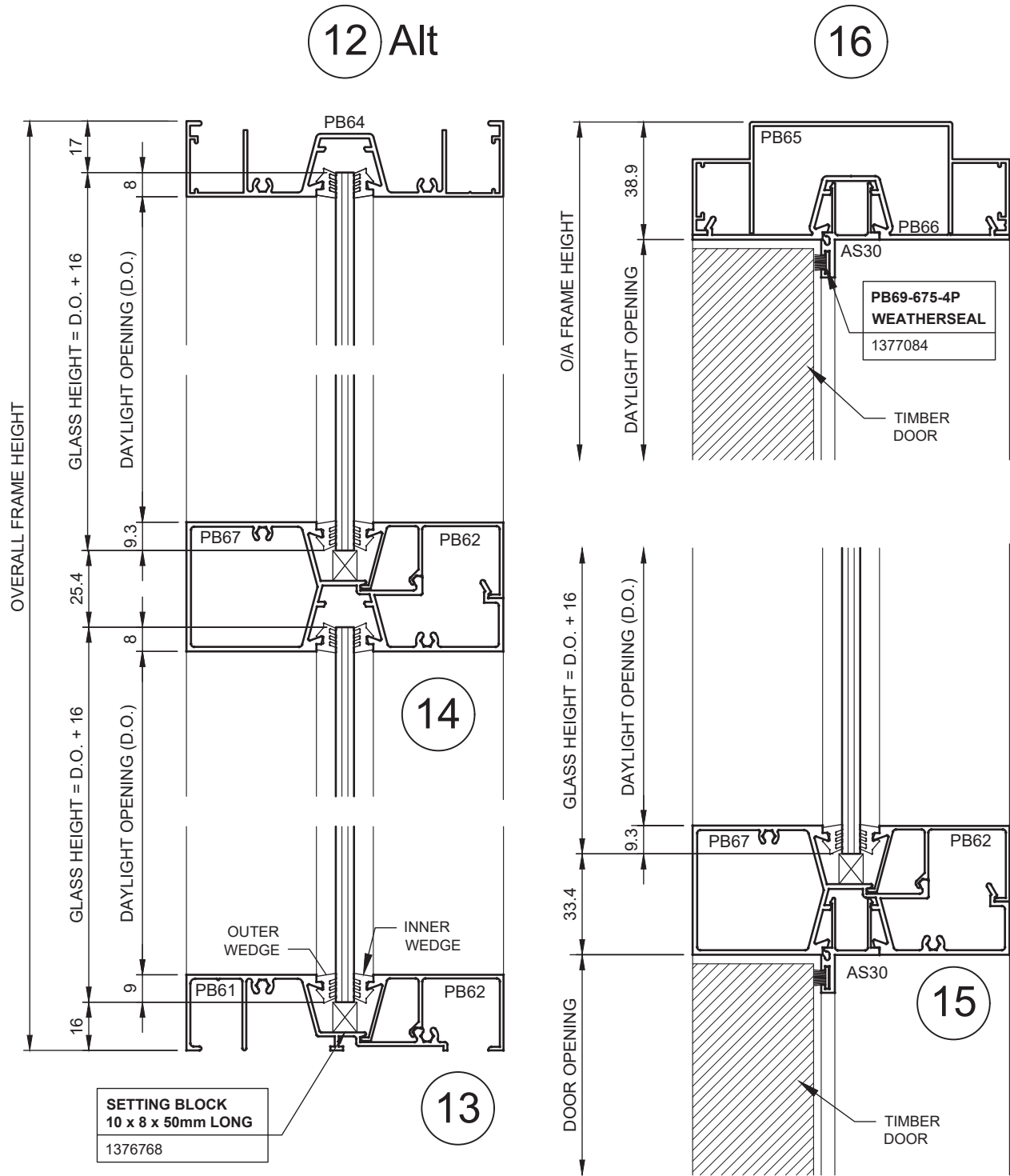


Partitioning



8. Typical Details

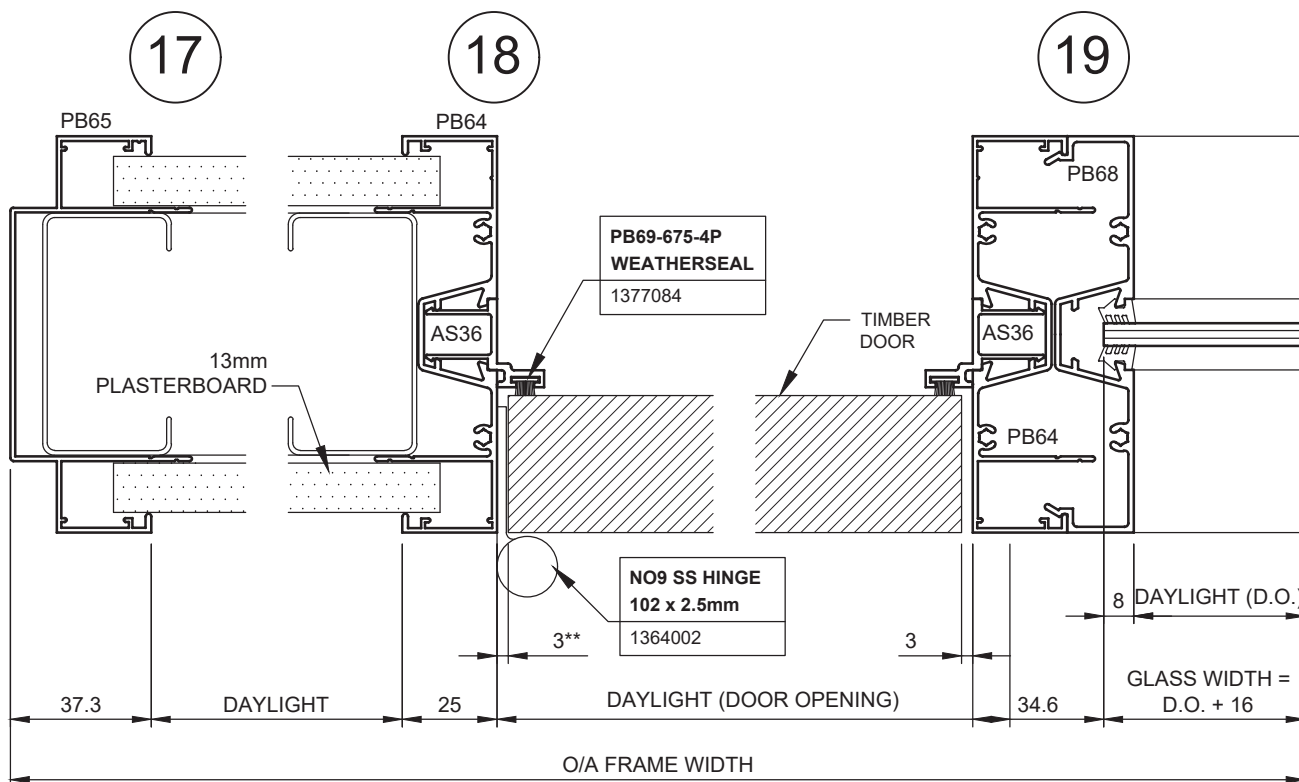
Diamond Suite - Glazed Sill, Transom and Door Head Details



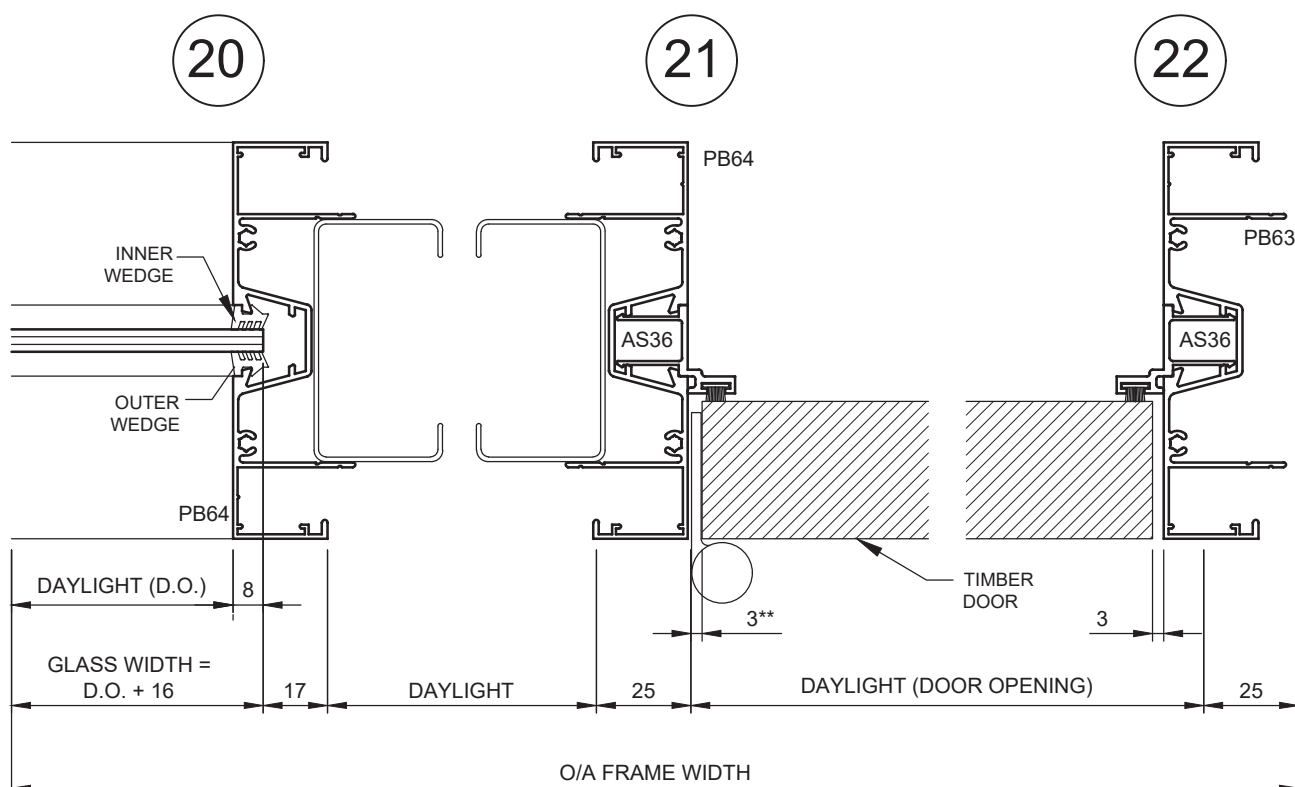


8. Typical Details

Diamond Suite - Mullion, Jamb and Door Details

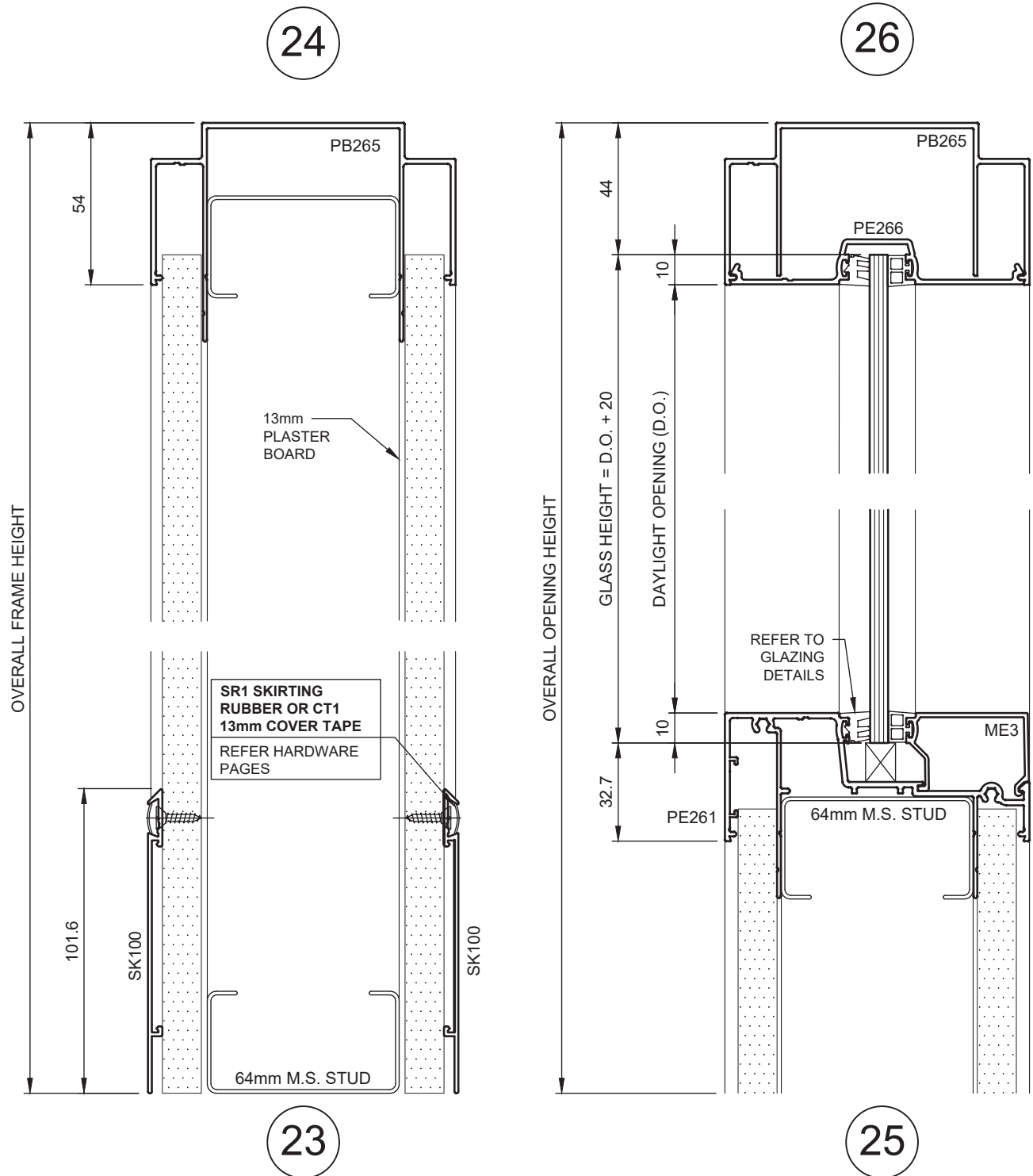


NOTE: ** DIMENSION IS DETERMINED BY HINGE SPECIFIED



8. Typical Details

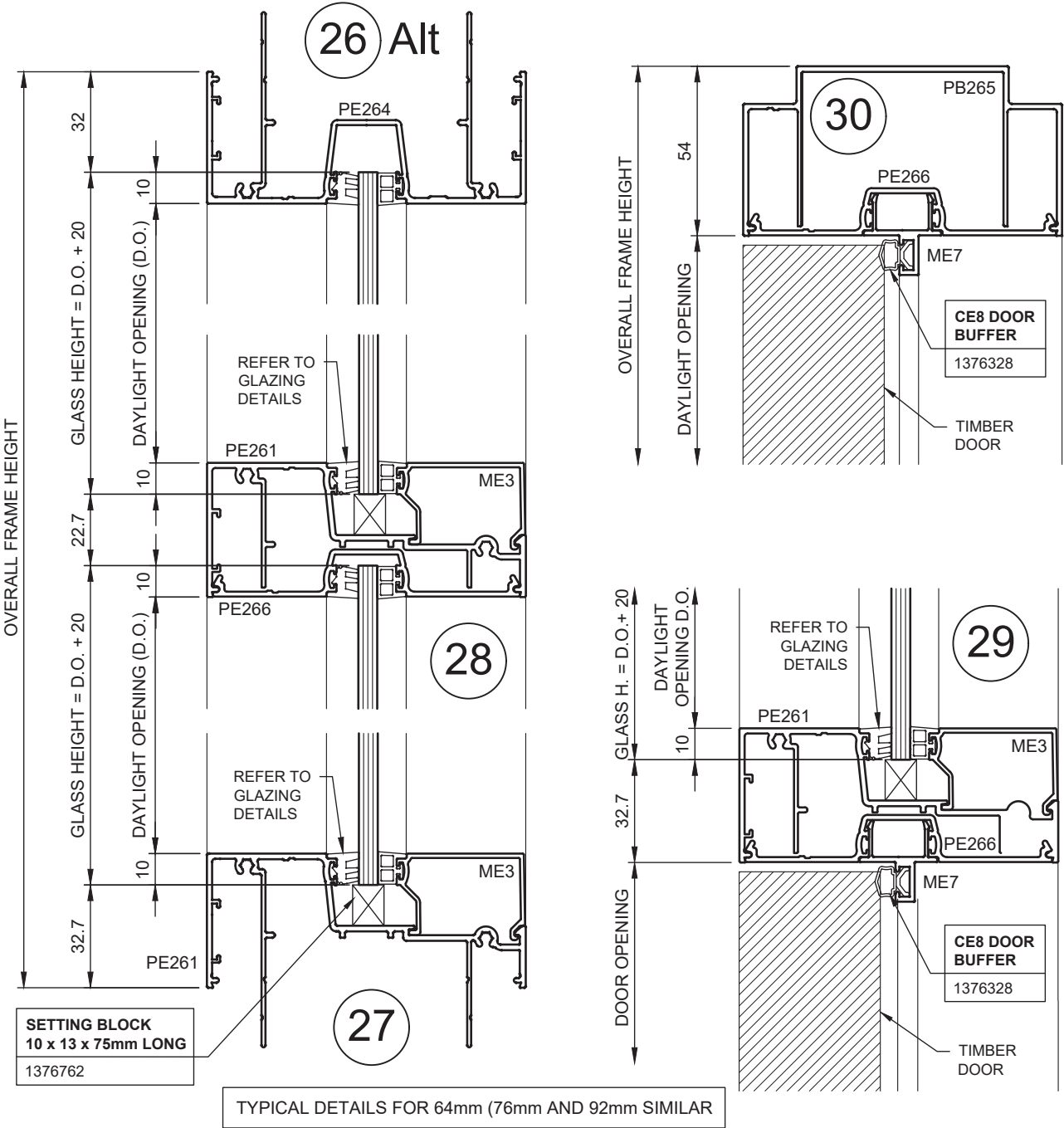
Opal Suite - 64mm Plasterboard Sill, Transom and Head Details





8. Typical Details

Opal Suite - 64mm Glazed Sill, Transom, Head and Door Details



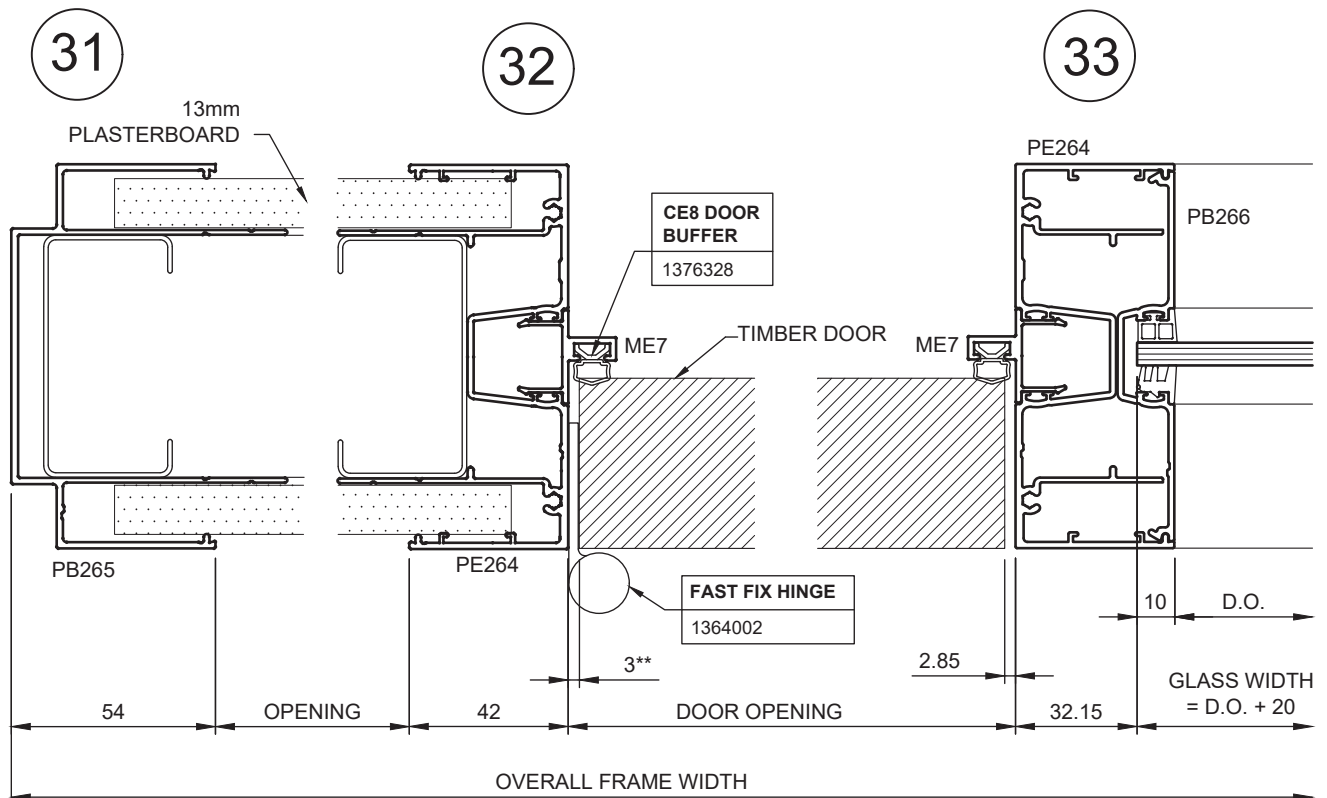
Door Stops & Buffers

DOOR STOP RUBBER	DOOR STOPS				PLANT ON
	45mm DOOR	40mm DOOR	35mm DOOR		
LIP SEAL 4.8	ME45	ME40	ME35	-	
CE308	ME45	ME40	ME35	-	
CE8	ME7	-	-	AS9	

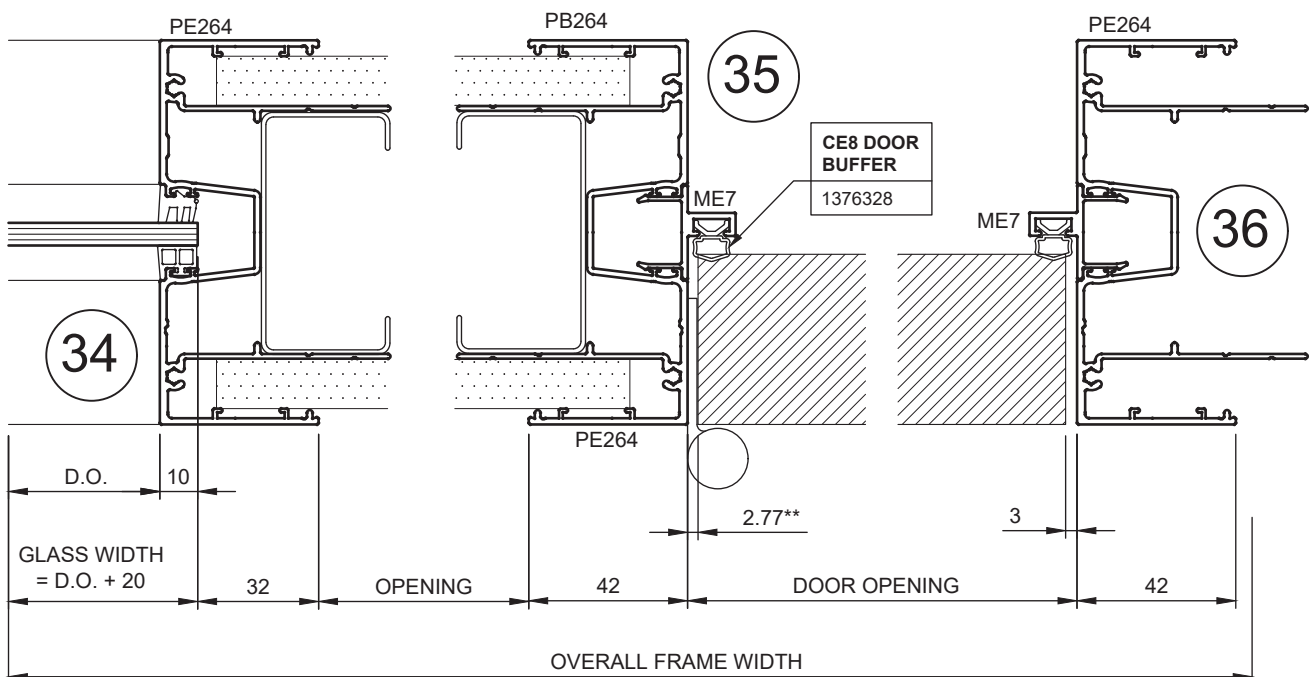


8. Typical Details

Opal Suite - 64mm Jamb, Door and Mullion Details



NOTE: ** DIMENSION IS DETERMINED BY HINGE SPECIFIED

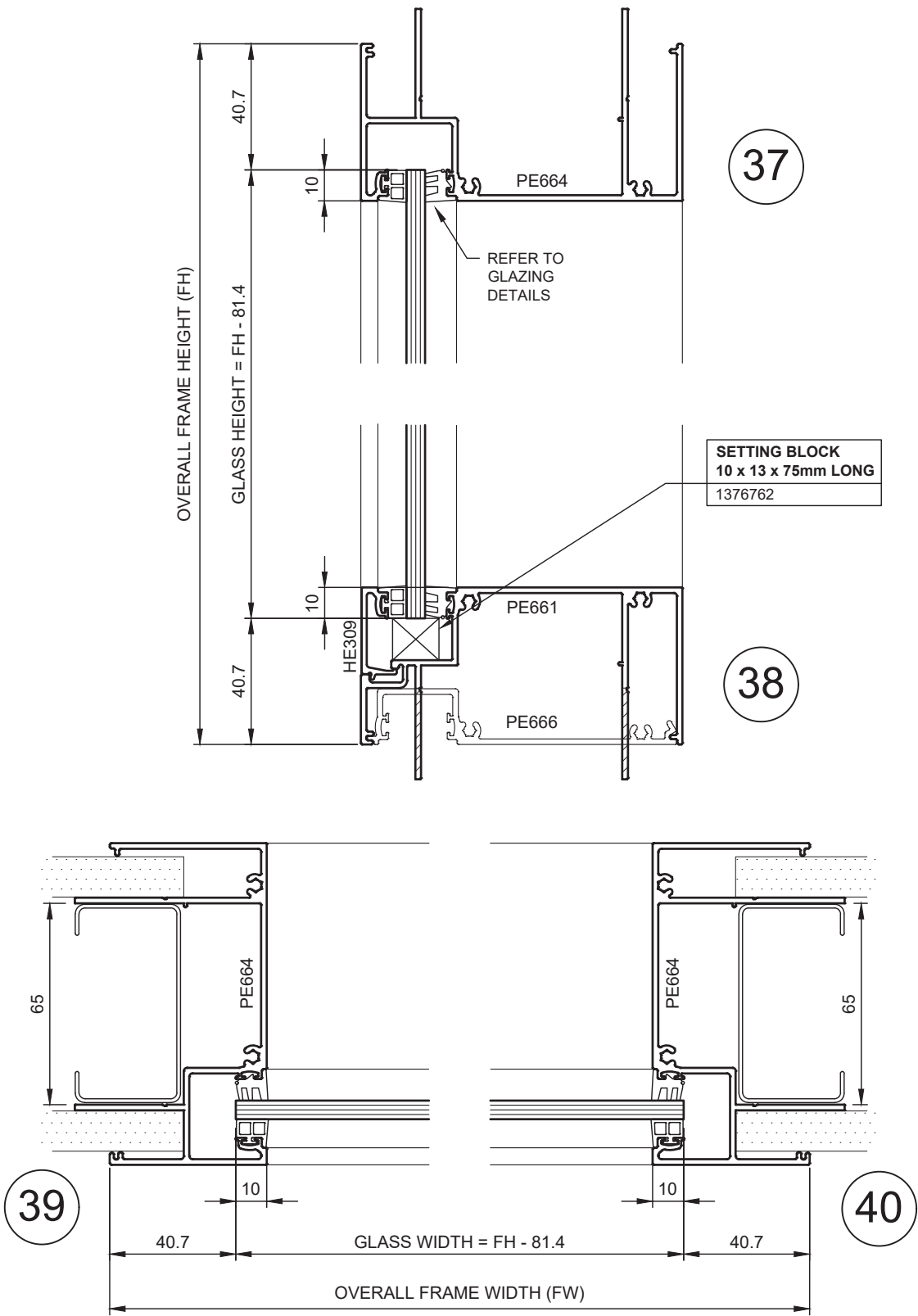


TYPICAL DETAILS FOR 64mm (76mm AND 92mm SIMILAR)



8. Typical Details

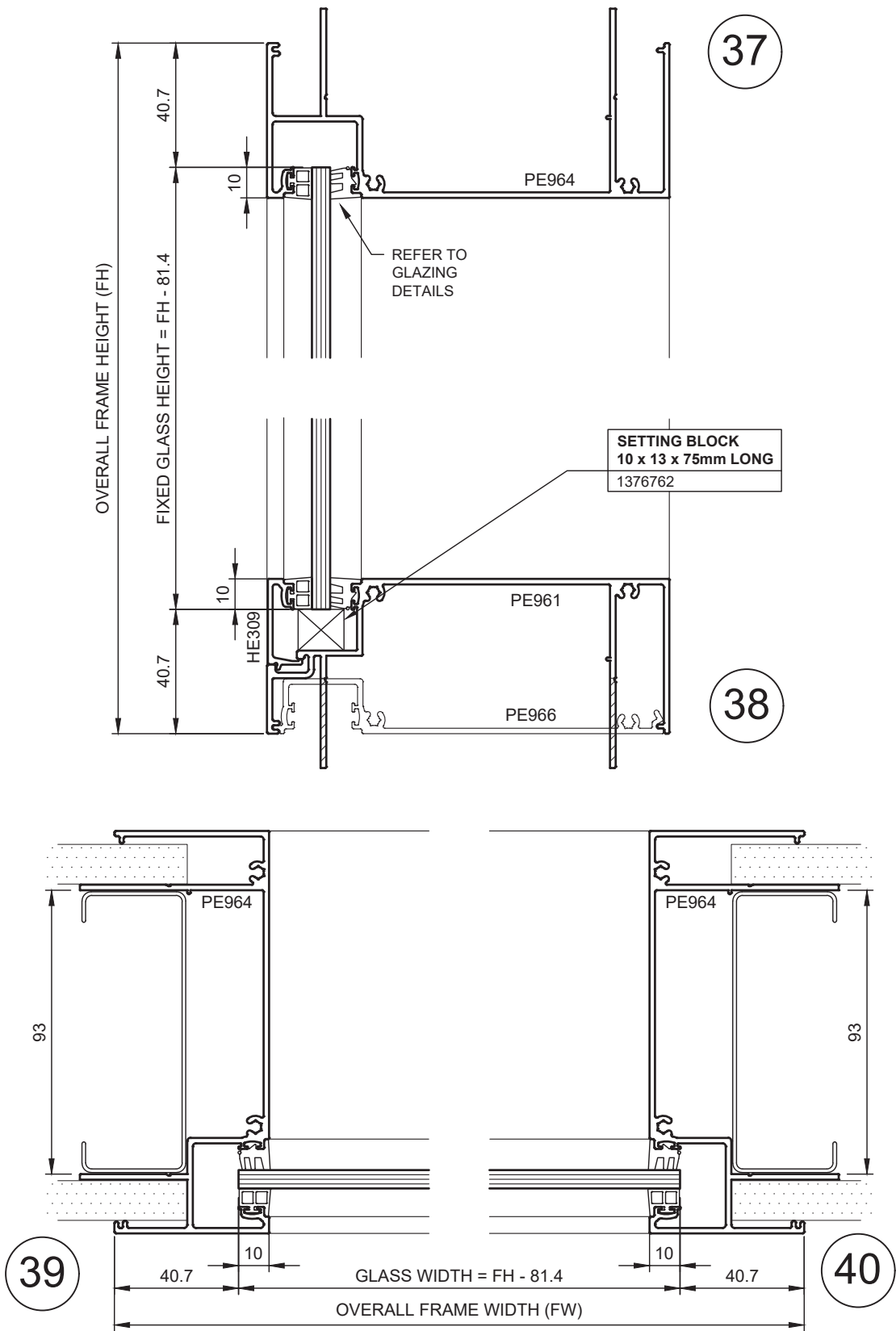
Opal Suite - 64mm Front Glazed Details





8. Typical Details

Opal Suite - 92mm Front Glazed Details

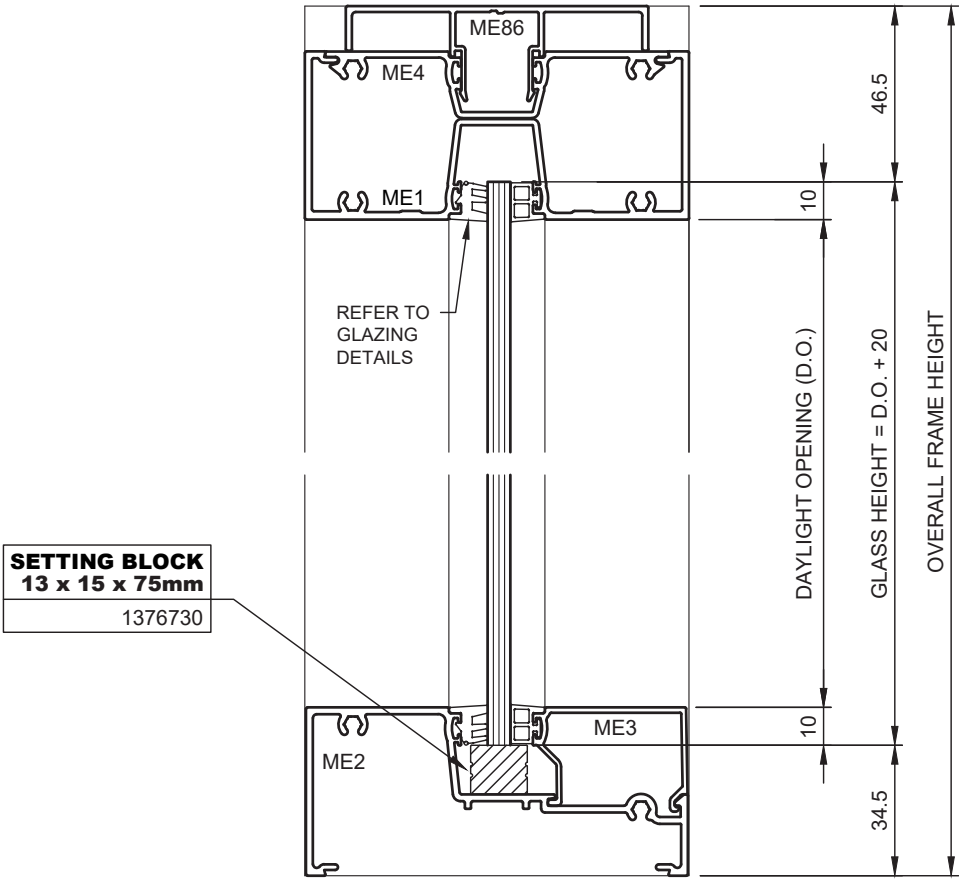


8. Typical Details

Opal Suite - Internal Partition

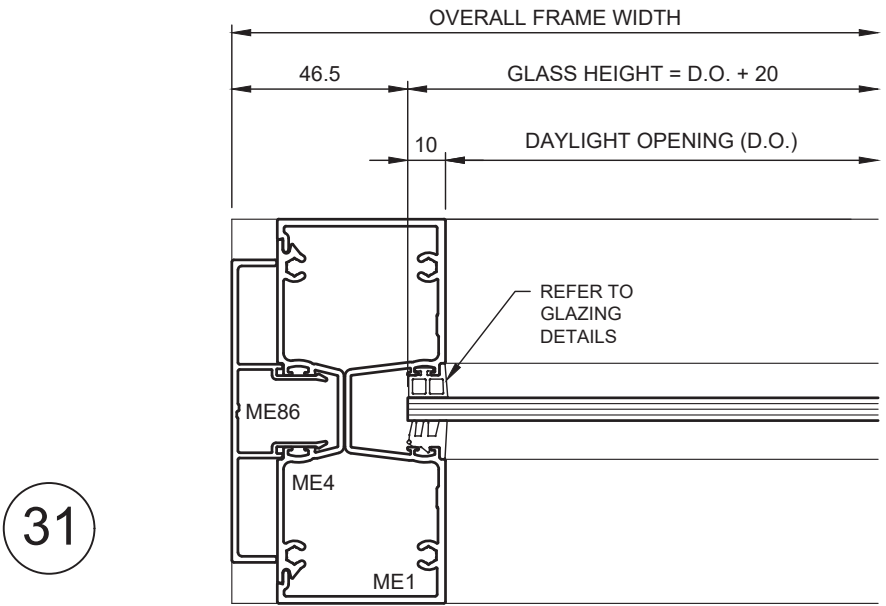


Partitioning



26

27

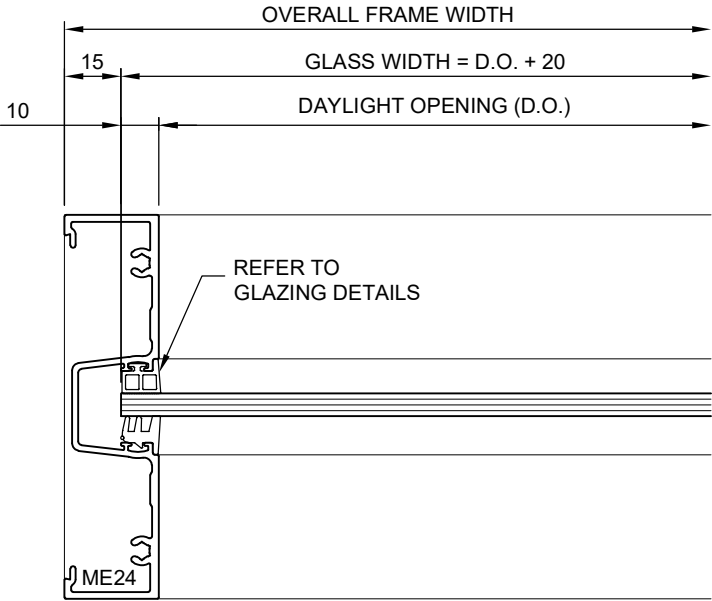
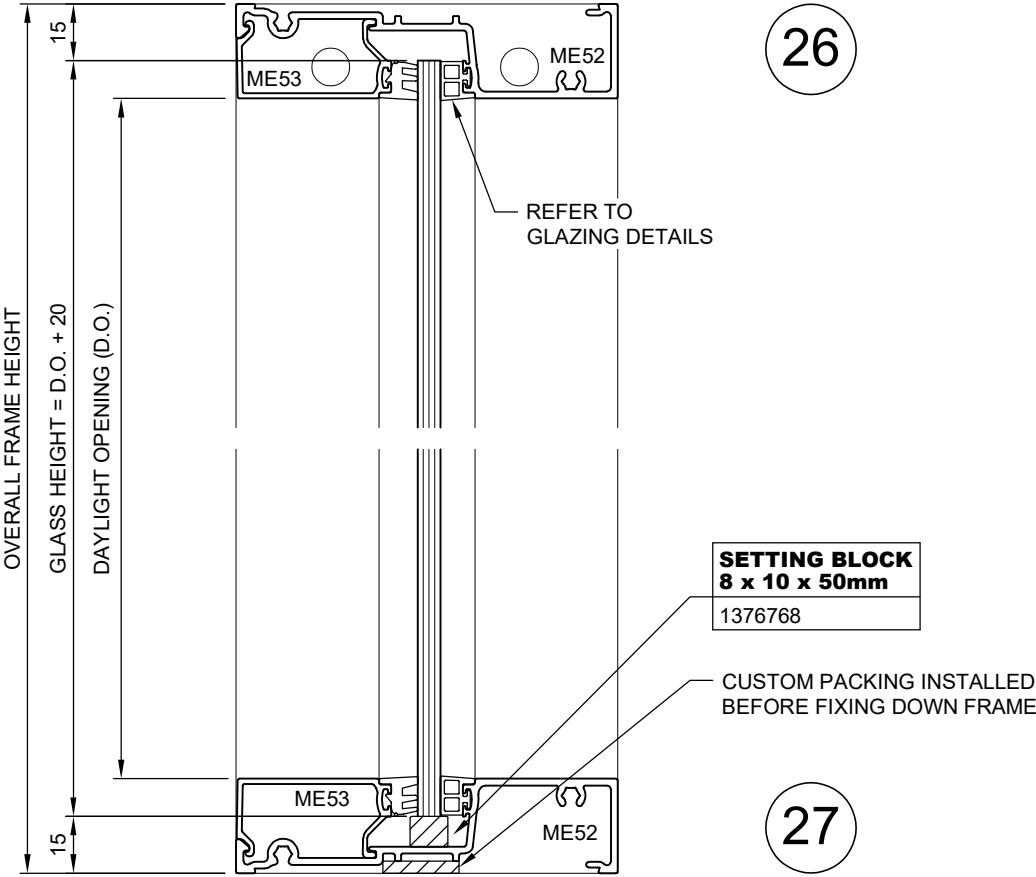


31

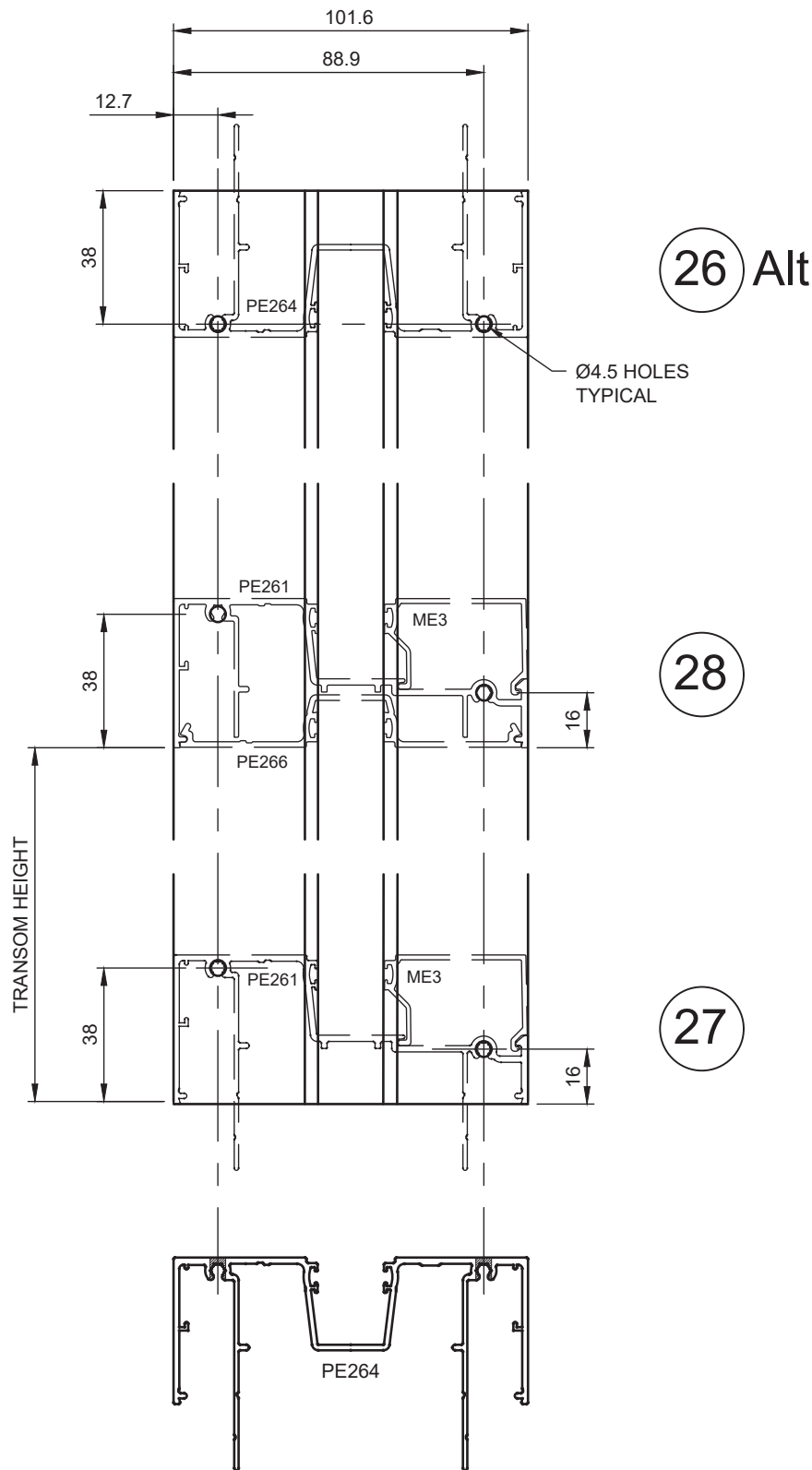


8. Typical Details

Opal Suite - Internal Partition

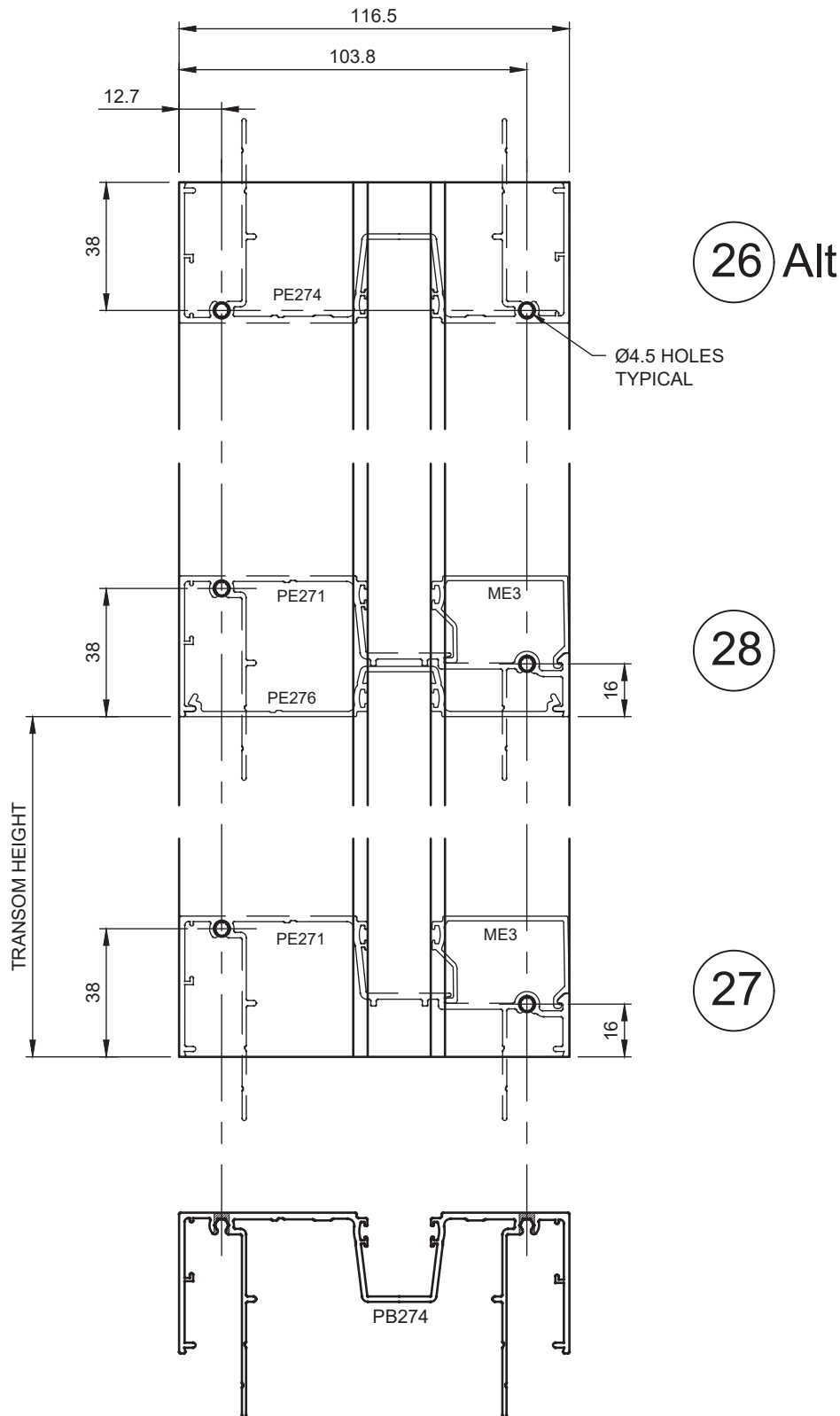


64mm Frame Preparation Details

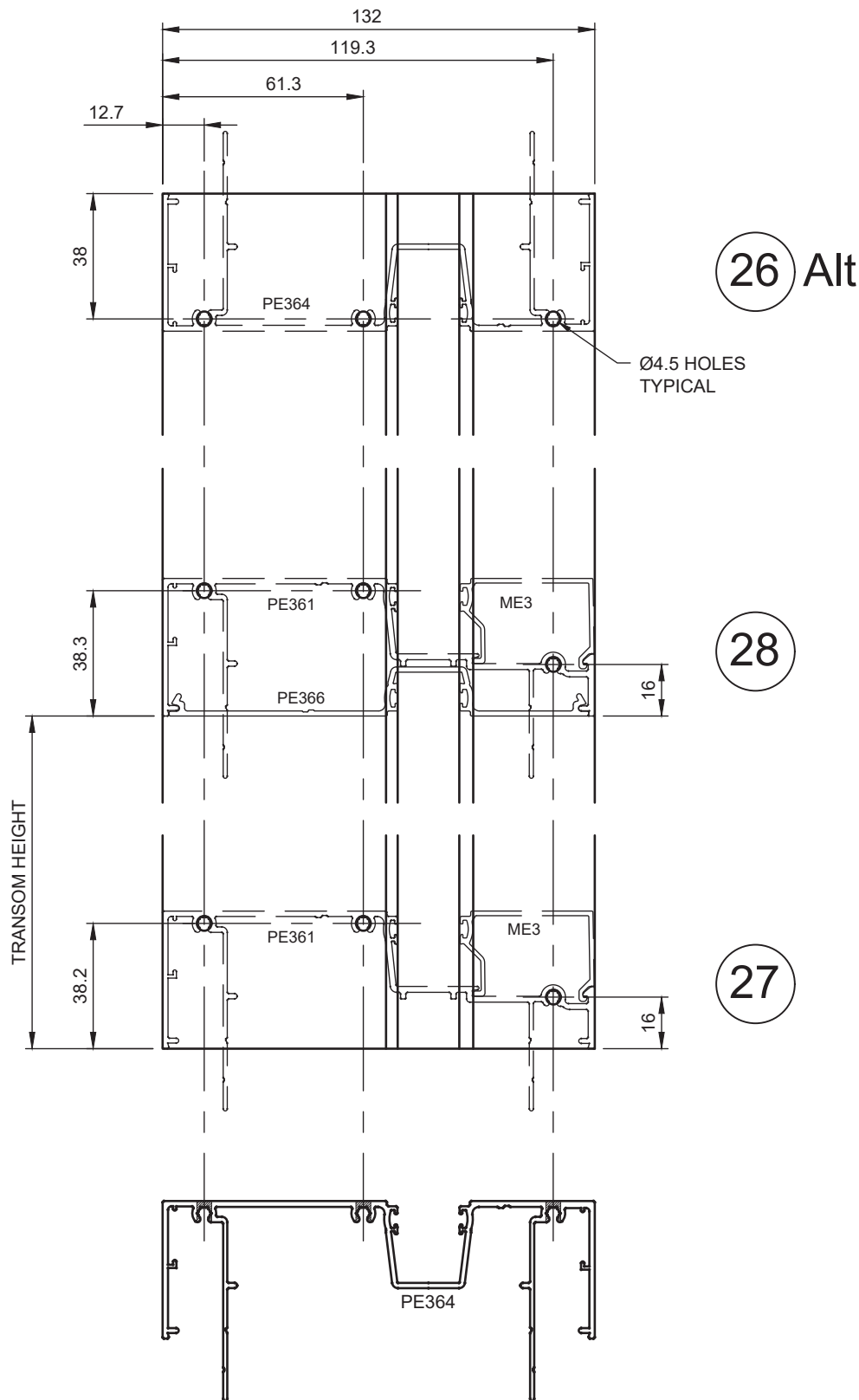


10. Manufacturing Details

76mm Frame Preparation Details

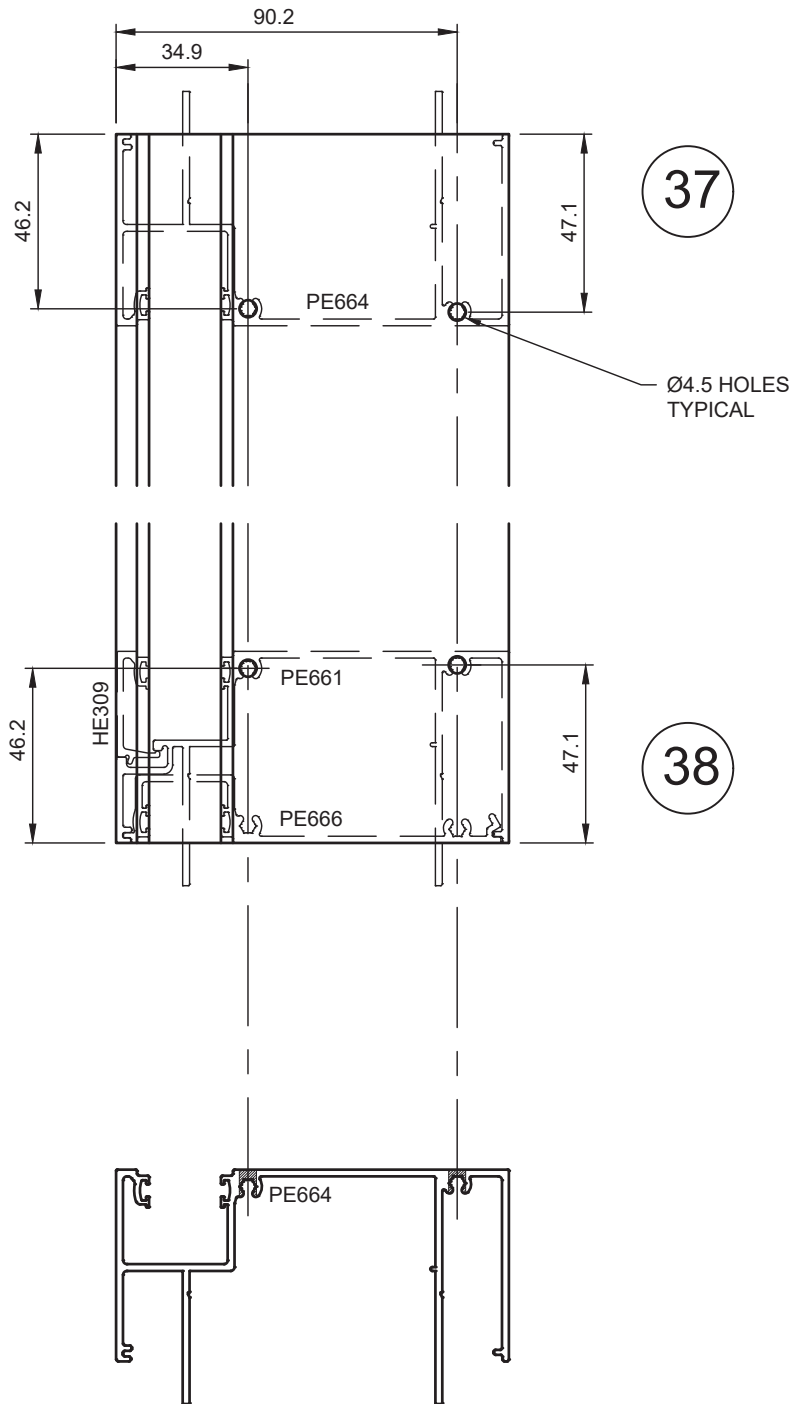


92mm Frame Preparation Details

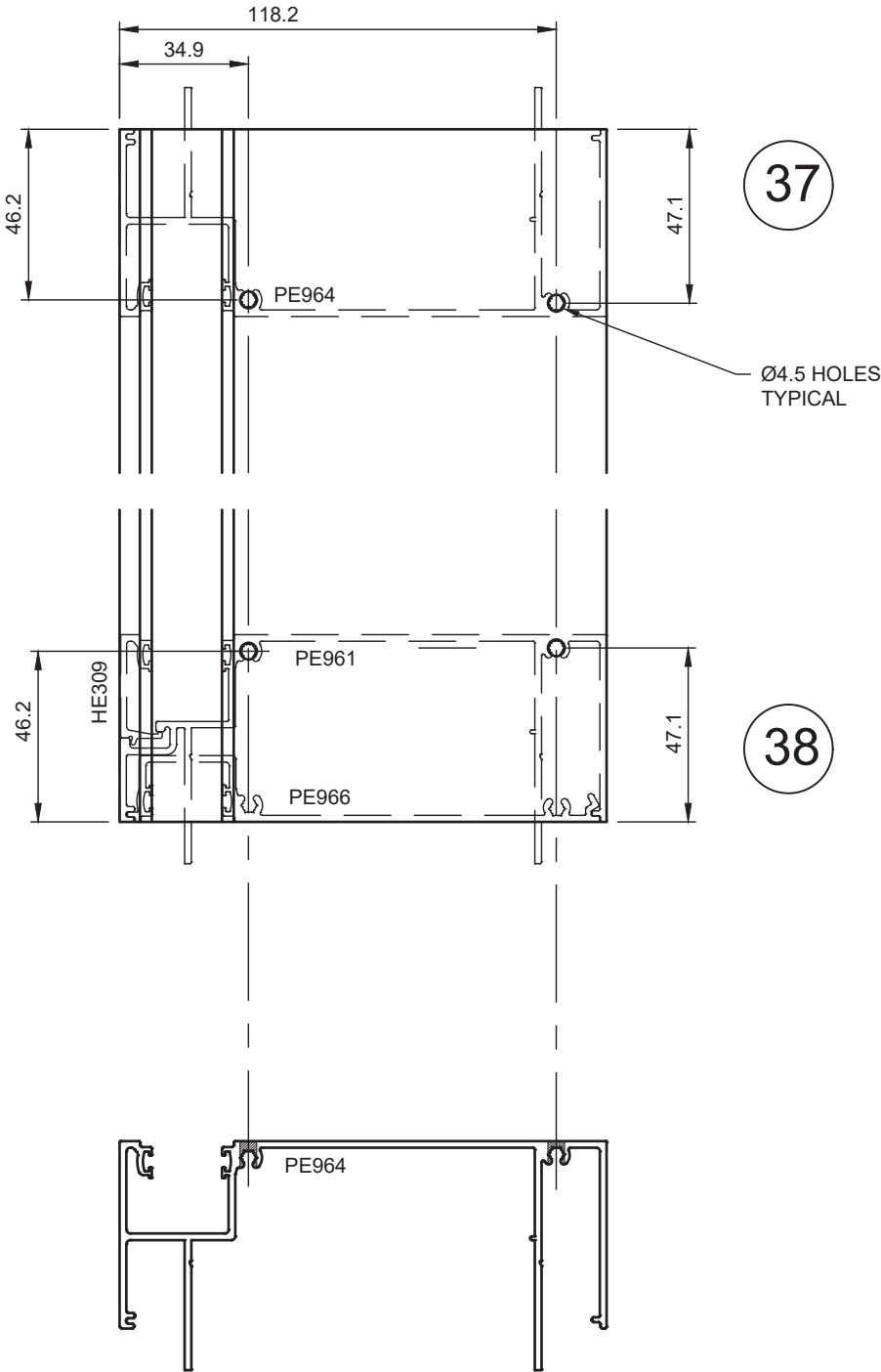


10. Manufacturing Details

64mm Front Glazed Frame Preparation Details



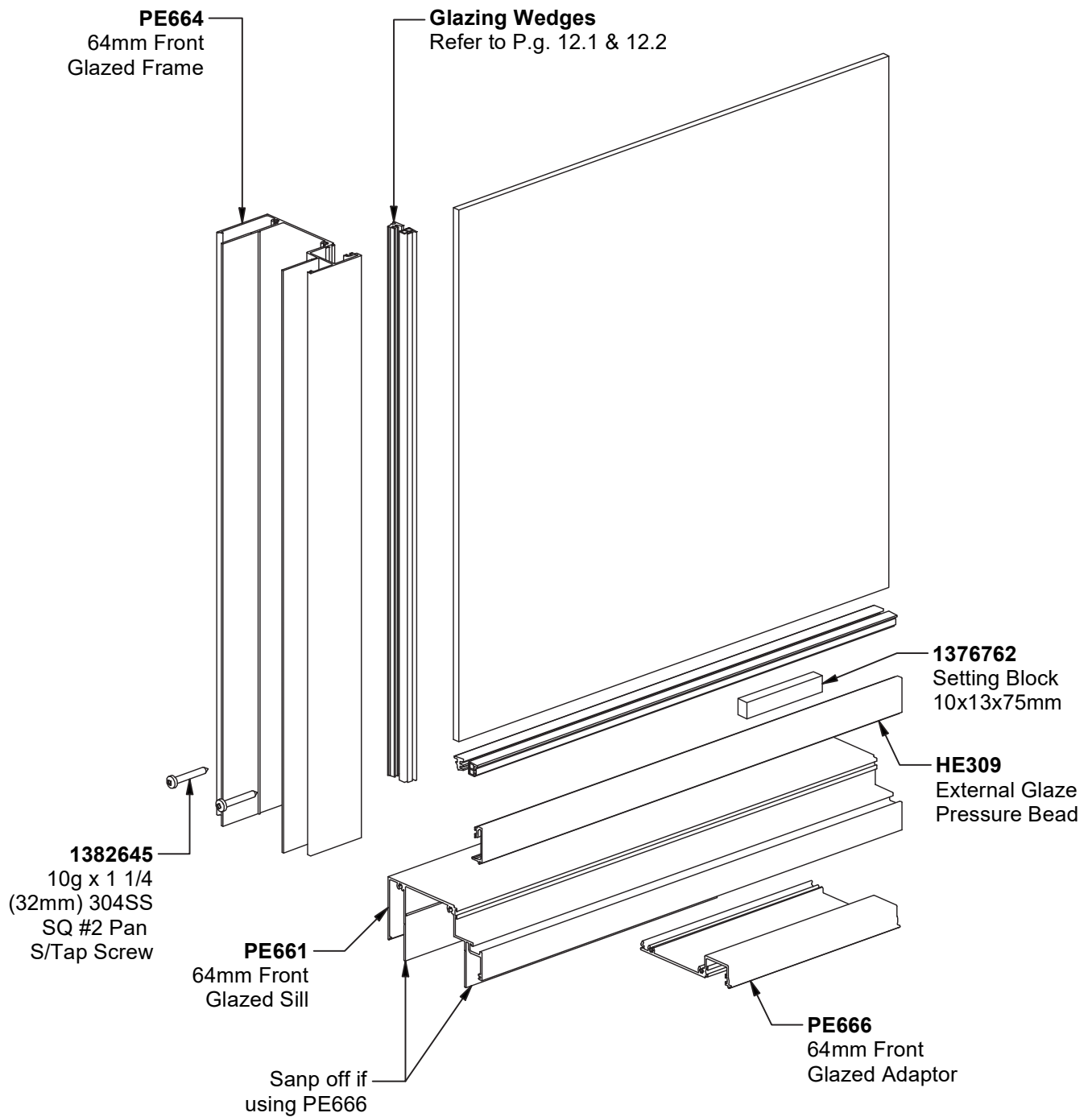
92mm Front Glazed Frame Preparation Details





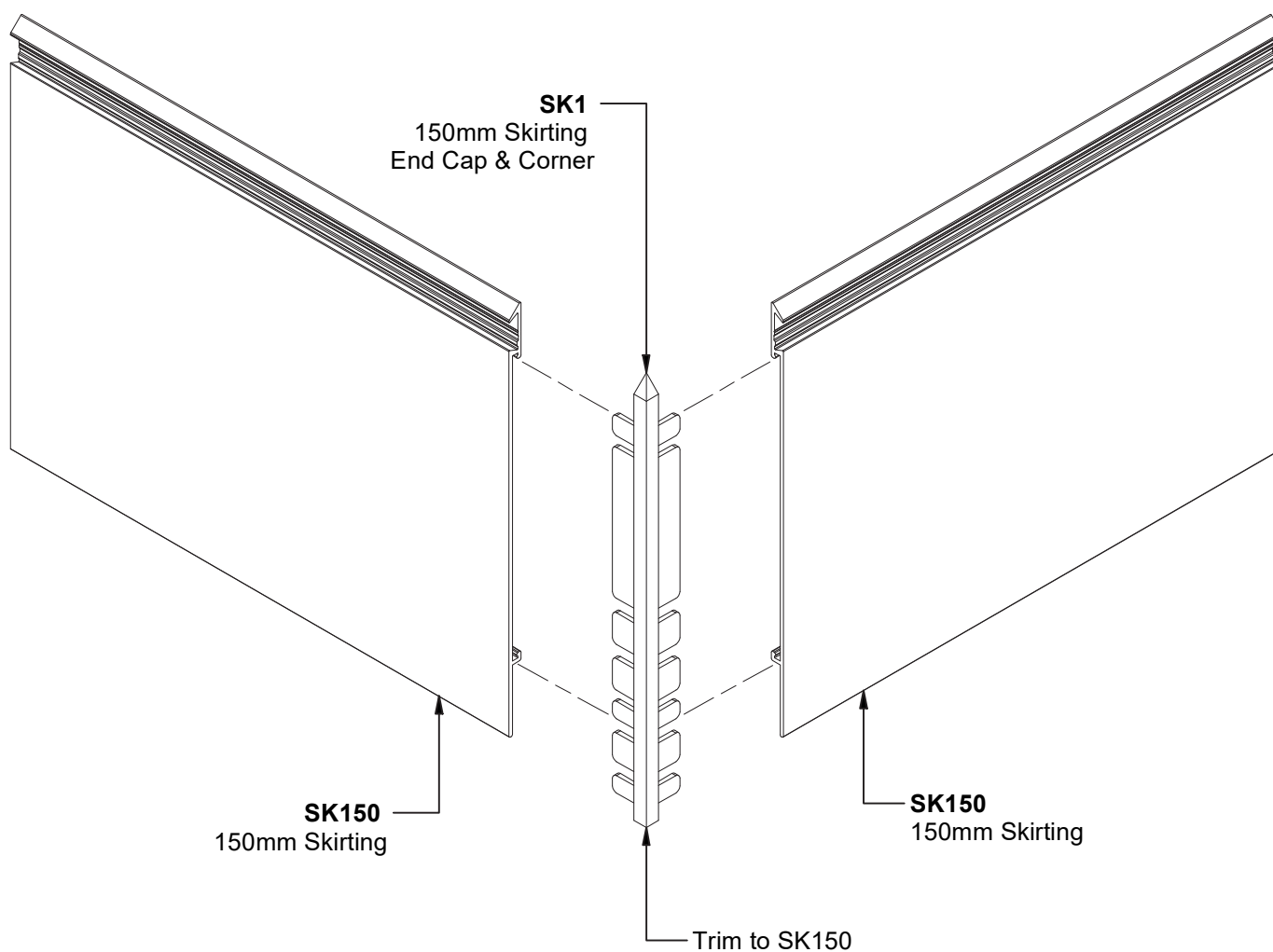
11. Assembly Details

Opal Suite - 64mm Front Glazed - Jamb & Sill



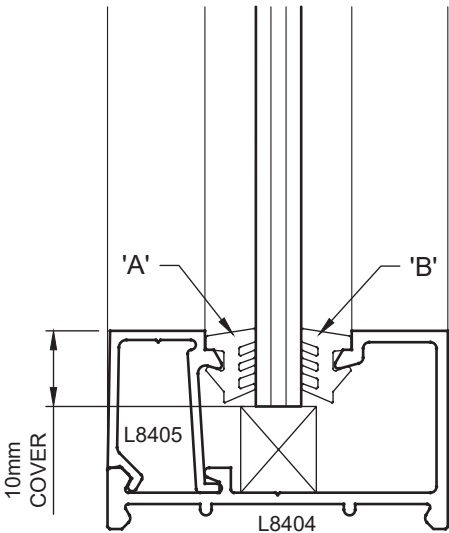
11. Assembly Details

Skirting - 150mm Skirting Corner



12. Glazing Details

45mm Display - Standard Glazing Details

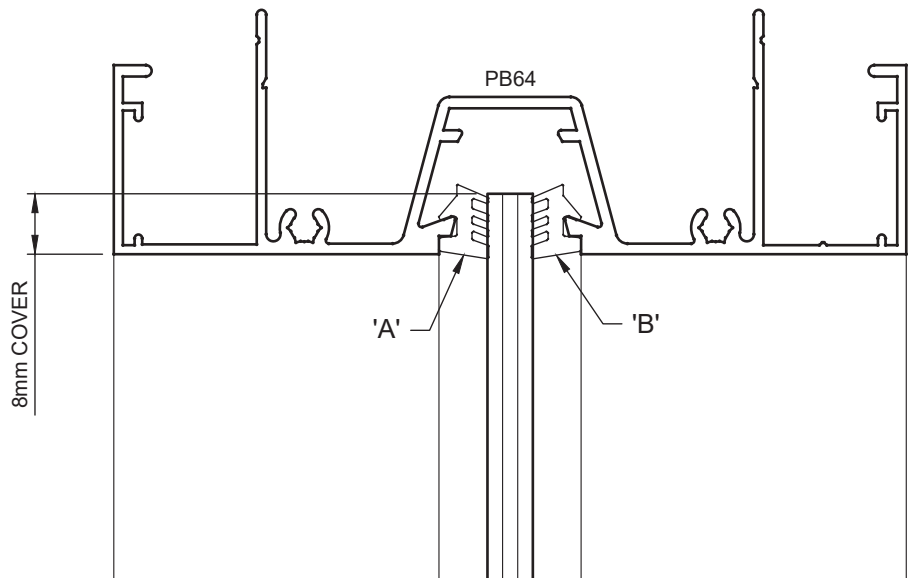


	'A' OUTER WEDGE		'B' INNER WEDGE	
GLASS THICKNESS	REF.	CODE	REF.	CODE
4mm	GR4	1376021	GR4	1376021
5mm	GR3	1376015	GR4	1376021
6/6.38mm	GR3	1376015	GR3	1376015
6/6.38mm CAPT.	GR16	1376081	GR3	1376015
8/8.38mm	GR2	1376012	GR3	1376015
10/10.38mm	GR2	1376012	GR2	1376012
10/10.38 CAPT.	GR15	1376076	GR2	1376012

Note: For window & door systems requiring a co-extruded captive gasket on the external side of the glazed pocket, Santoprene is the recommended material to be applied.

12. Glazing Details

Diamond Suite - Standard Glazing Details

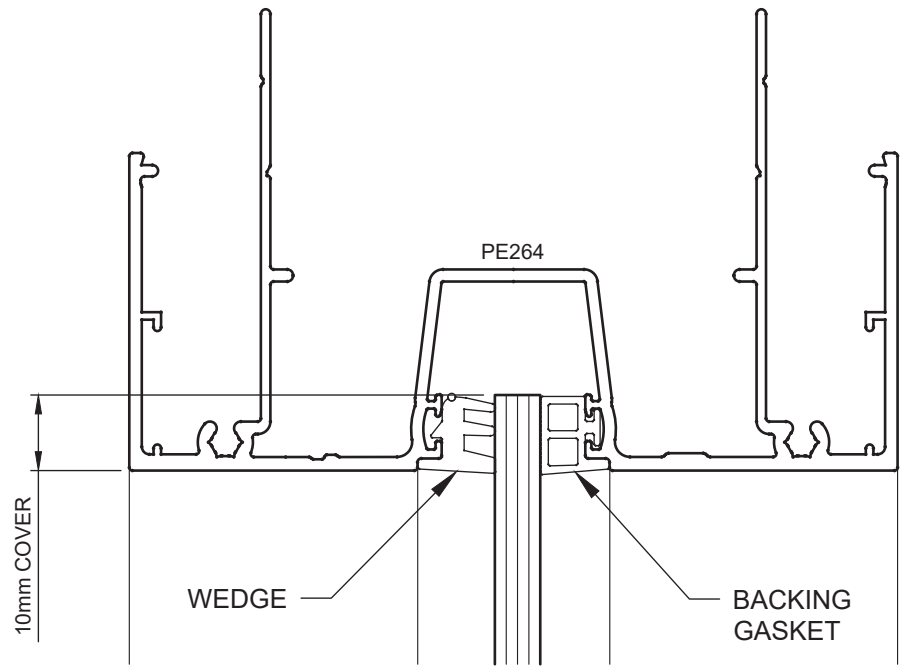


	'A' OUTER WEDGE		'B' INNER WEDGE	
GLASS THICKNESS	REF.	CODE	REF.	CODE
4mm	GR4 (5mm)	1376021	GR4 (5mm)	1376021
5mm	GR3 (4mm)	1376069	GR4 (5mm)	1376021
6mm / 6.38mm	GR3 (4mm)	1376069	GR3 (4mm)	1376069
6mm / 6.38mm CAPT.	GR16 (4mm)	1376081	GR3 (4mm)	1376069
8mm / 8.38mm	GR2 (2mm)	1376254	GR3 (4mm)	1376069
10mm / 10.38mm	GR2 (2mm)	1376254	GR2 (2mm)	1376254
10mm / 10.38mm CAPT.	GR15 (2mm)	1376076	GR2 (2mm)	1376254

Note: For window & door systems requiring a co-extruded captive gasket on the external side of the glazed pocket, Santoprene is the recommended material to be applied.

12. Glazing Details

Opal Suite - Typical Glazing Details - Captive

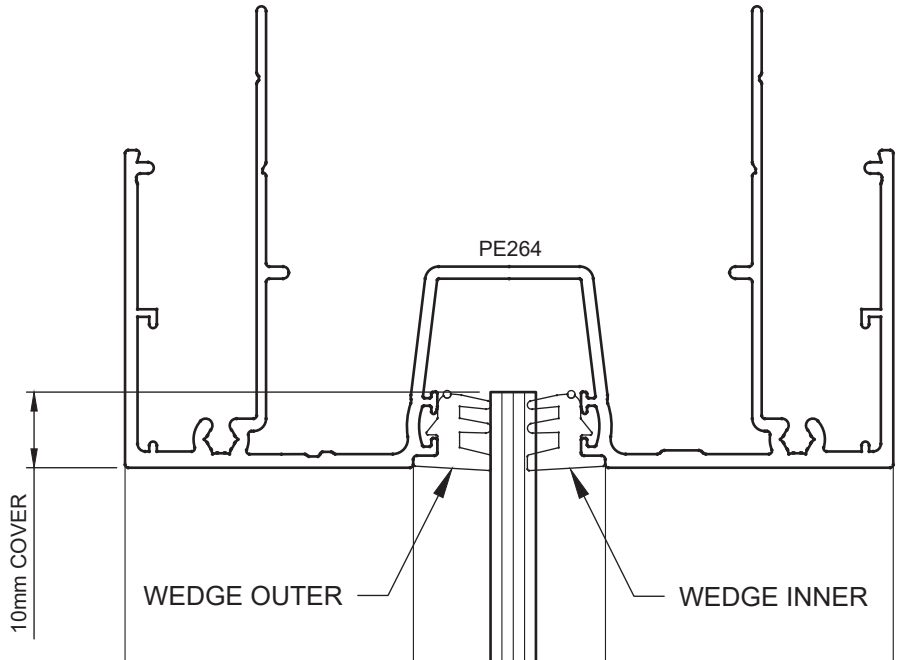


	WEDGE		CO-EXTRUDED BACKING GASKET
GLASS THICKNESS	ID COLOUR	REF. (GAP)	REF. (GAP)
6/6.38mm	RED	GR47 (7mm)	CE49 (6mm)
6.52mm	-	GR638 (6.5mm)	CE49 (6mm)
8/8.38mm	BLUE	GR45 (5mm)	CE49 (6mm)
9.52mm	BLUE	GR45 (5mm)	CE37 (4mm)
10/10.38mm	BLUE	GR45 (5mm)	CE37 (4mm)
11.52mm	BLUE	GR45 (5mm)	CE36 (2mm)
12/12.38mm	BLUE	GR45 (5mm)	CE36 (2mm)
12.52mm	-	GR1038 (4.5mm)	CE36 (2mm)
13.52mm	BROWN	GR43 (3mm)	CE36 (2mm)
14mm	BROWN	GR43 (3mm)	CE36 (2mm)

Note: For window & door systems requiring a co-extruded captive gasket on the external side of the glazed pocket, Santoprene is the recommended material to be applied.

12. Glazing Details

Opal Suite - Typical Glazing Details - Non Captive



	WEDGE INNER		WEDGE OUTER	
GLASS THICKNESS	ID COLOUR	REF. (GAP)	ID COLOUR	REF. (GAP)
6/6.38mm	RED	GR47 (7mm)	YELLOW	GR46 (6mm)
6.52mm	-	GR638 (6.5mm)	YELLOW	GR46 (6mm)
8/8.38mm	BLUE	GR45 (5mm)	YELLOW	GR46 (6mm)
9.52mm	BLUE	GR45 (5mm)	WHITE	GR44 (4mm)
10/10.38mm	BLUE	GR45 (5mm)	WHITE	GR44 (4mm)
11.5mm	BROWN	GR43 (3mm)	WHITE	GR44 (4mm)
12/12.38mm	BROWN	GR43 (3mm)	BROWN	GR43 (3mm)
12.52mm	-	GR1038 (4.5mm)	BROWN	GR43 (3mm)
13.52mm	PURPLE	GR42 (2.5mm)	BROWN	GR43 (3mm)
14.52mm	PURPLE	GR32 (2mm)	PURPLE	GR32 (2mm)

Note: For window & door systems requiring a co-extruded captive gasket on the external side of the glazed pocket, Santoprene is the recommended material to be applied.

13. Care & Maintenance

FRAMING

Your new **Partitioning Suite** frames have been manufactured using the highest quality materials available to the Architectural industry. Constructed from Architectural grade aluminium, these products are highly corrosion resistant and exceptionally strong. With a moderate amount of maintenance, the **Partitioning Suite** frame will retain it's good looks and resist the elements for years to come.

The **Partitioning Suite** frames are the product of extensive research and development and designed to resist corrosion and rusting, but as with all external elements on the building require some maintenance to keep them looking good and performing well. Depending on how harsh the environment elements are, the maintenance period will vary. Refer to recommended maintenance table below.

Your **Partitioning Suite** frames should only ever need to be washed down with a soft bristled brush using warm water and mild detergent. Rinse well with fresh water and remove any detergent residue. Strong detergents and abrasive cleaners should never be used to clean the **Partitioning Suite** frames as they may scratch or damage the surface finish.

MAINTENANCE PERIOD TABLE

ENVIRONMENT	RECOMMENDED MAXIMUM MAINTENANCE INTERVAL
Mild	Six Months
Moderate	Three Months
Tropical/Severe	One Month

Environmental Definitions:

Mild – Being rural, away from the coast and remote from industry and urban activity.

Moderate – Being mainly urban, inland and away from heavy industry.

Tropical – Being coastal/marine, subject to salt deposition and within 15km of the Eastern coast or 10km of the Western coast of Australia.

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