



ecoFRAMEplus®

Centre Pocket Double Glazed Framing



ecoFRAMEplus

76mm Centre Pocket DG Framing

Technical Manual

February 2024 | ISSUE B

alspec®
EVERYTHING ALUMINIUM
& HARDWARE

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Contents

1. TECHNICAL MANUAL RELEASE NOTES	1.1
2. TECHNICAL SPECIFICATIONS	2.1
3. LOADING TABLES	3.1
Loading Table Guide	3.1
ECO291 & ECO292 Mullions	3.2
ECO251 & ECO254 Mullions	3.2
4. TEST SUMMARY	4.1
AS2047 - Frame + Adaptor Mullion Combination	4.1
AS2047 - Mating Mullion Combination	4.2
5. EXTRUSIONS	5.1
6. HARDWARE & COMPONENTS	6.1
Glazing Wedges	6.1
Backing Gaskets	6.2
Accessories	6.2
Seals	6.3
Fasteners	6.3
Frame Joint Gaskets	6.3
Silicone	6.4
Silicone Product Codes	6.5
7. TYPICAL ELEVATION	7.1
8. TYPICAL DETAILS	8.1
Typical Head and Sill Details	8.1
Typical Door Head / Transom Detail	8.2
Typical Transom Detail	8.3
Typical Awning Detail	8.4
Typical Jamb and Mullion Detail	8.5
Typical Door Jamb Detail	8.6
10. MANUFACTURING DETAILS	10.1
Frame Preparation - Frame / Jamb	10.1
Frame Preparation - Glazing Adaptor	10.2
Frame Preparation - Deep Pocket Mullions	10.3
Frame Preparation - Shallow Mullions	10.4
Frame Preparation - Transom Drainage	10.5
11. ASSEMBLY DETAILS	11.1
12. GLAZING DETAILS	12.1
ECO251 Head with ECO123 Glazing Adaptor - Single Glazed	12.1

ECO251 Head - Double Glazed

12.2

13. CARE & MAINTENANCE

13.1

This page is intended to record all changes to the **ecoFRAMEplus 76mm CENTRE POCKET DOUBLE GLAZED FRAMING** technical manual pages.

[illegible]

2. Technical Specifications

ALUMINIUM

Aluminium frames should be manufactured using Alspec's **ecoFRAMEplus 76mm CENTRE POCKET DOUBLE GLAZED FRAMING** system.

Refer to wind load tables for maximum panel heights and widths.

GLAZING

- Minimum glass thickness is 4mm.
- Maximum glass thickness is 18mm.
- Glazing components shall be as per Alspec Technical Manual. Refer to page 12.1 to 12.2 for glazing details.

HARDWARE

- All hardware as per Alspec Technical Manual.

FINISHED

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

TESTING

Product shall have a test report to show compliance to AS2047.

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).

Fabricators of the ecoFRAMEplus 76mm CENTRE POCKET DOUBLE GLAZED 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 door/window 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
lxx = xxx x xxx mm4	Panel Width	800	1000	1200	1400	1600	

STEP 1

→

2400

STEP 2

↑

1000

STEP 3

←

1450

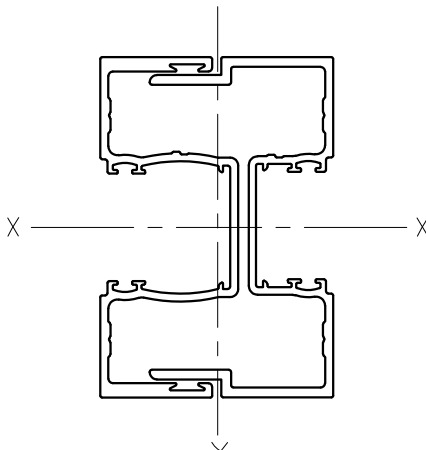
3. Loading Tables

ECO291 & ECO292 Mullions

Max Stress = 110Mpa

S = Serviceability limit state I/250

U = Ultimate limit state

ECO291 & ECO292 MULLIONS		Panel Height	Maximum Design Pressure (Pa)						
	3000	S	780	590	480				
		U	2540	1920	1560				
	2700	S	1070	820	670	570	500	450	
		U	3140	2390	1940	1650	1450	1310	
	2400	S	1540	1180	960	830	740	680	630
		U	4000	3050	2490	2130	1890	1720	1600
	2100	S	2320	1780	1470	1280	1160	1070	1020
		U	5260	4030	3320	2870	2570	2380	2260
	1800	S	3730	2900	2430	2140	1970	1880	1850
		U	7230	5590	4660	4090	3740	3540	3480
	1500	S	4000	4000	4000	4000	3870	3800	3700
		U	9000	8310	7060	6370	6060	5900	5850
$I_{xx} = 585 \times 10^3 \text{ mm}^4$	Mullion Width		600	800	1000	1200	1400	1600	1800

ECO251 & ECO254 Mullions

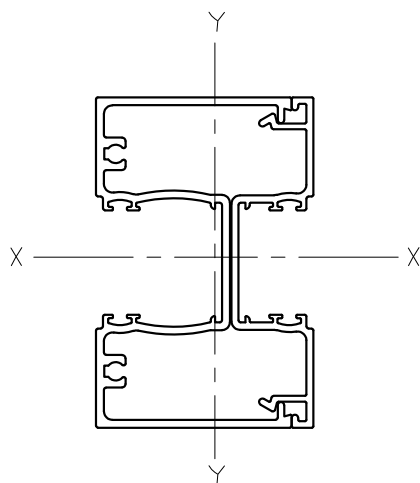
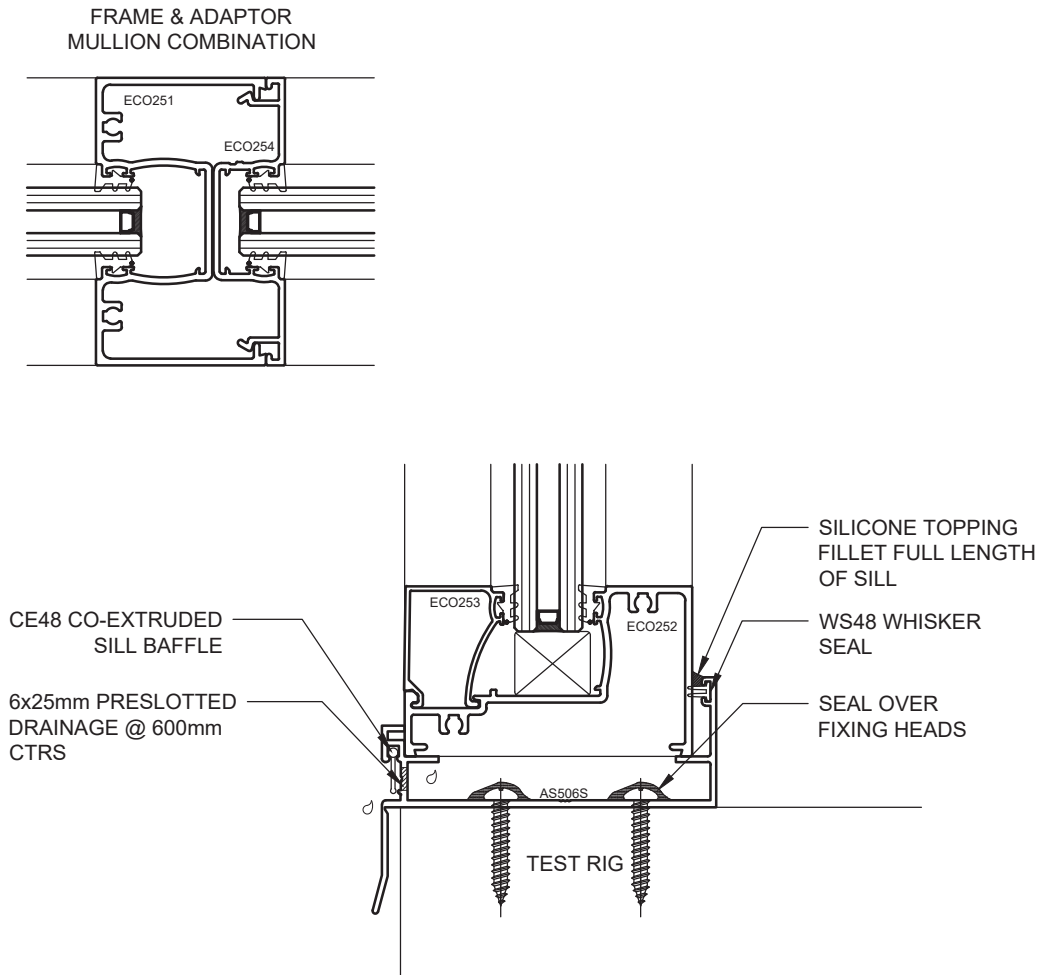
ECO251 & ECO254 MULLIONS		Panel Height	Maximum Design Pressure (Pa)						
	3000	S	640						
		U	2090						
	2700	S	880	670	550				
		U	2590	1970	1600				
	2400	S	1270	970	790	680	610	560	520
		U	3290	2510	2050	1760	1560	1420	1320
	2100	S	1910	1470	1210	1050	950	880	840
		U	4330	3320	2730	2360	2120	1960	1860
	1800	S	3070	2390	2000	1770	1630	1550	1530
		U	5960	4600	3840	3370	3080	2920	2870
1500	S	5420	4280	3670	3340	3190	3190	3340	
	U	8730	6850	5820	5250	4990	4990	5300	
Ixx = 482 x 10 ³ mm ⁴		Mullion Width	600	800	1000	1200	1400	1600	1800

Table is based on theoretical section properties

4. Test Summary

AS2047 - Frame + Adaptor Mullion Combination

TEST REPORT:	AS19-378
SYSTEM CONFIGURATION	ecoFRAMEplus 76mm FRAMING F/F WITH ECO251 & ECO254 MULLION
TEST SAMPLE SIZE	2.45m high x 2.44m wide
SERVICEABILITY LOAD	+/- 670 Pa
ULTIMATE LOAD	+/- 2000 Pa
WATER PENETRATION	900 Pa
AIR INFILTRATION	75Pa + 0.01L/m/s ² - 0.01L/m/s ²



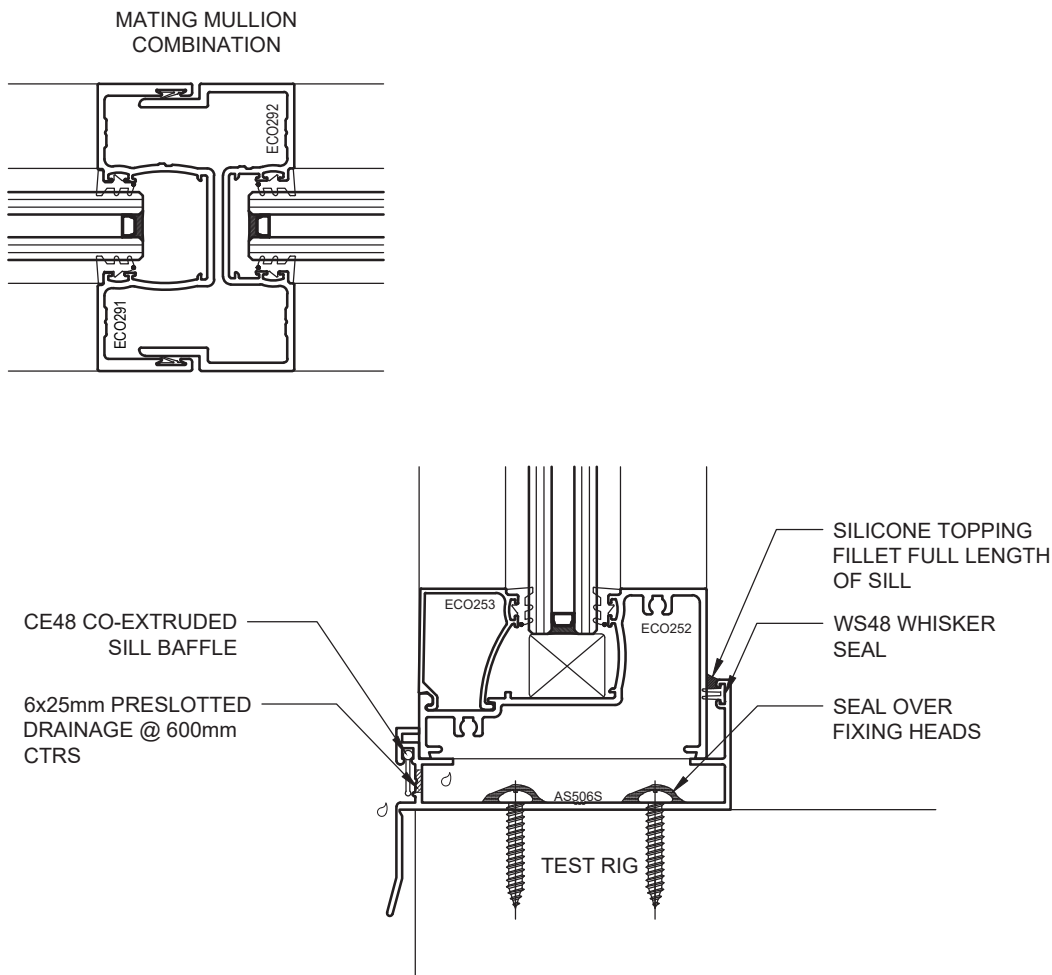
DISCLAIMER:

Please note that the test results shown above reflect specific configurations of a system and are representative only. If a specific high wind load or a different configuration (i.e. changes to frames, transoms, mullions) is required on a project please discuss with Alspec prior to commencement.

4. Test Summary

AS2047 - Mating Mullion Combination

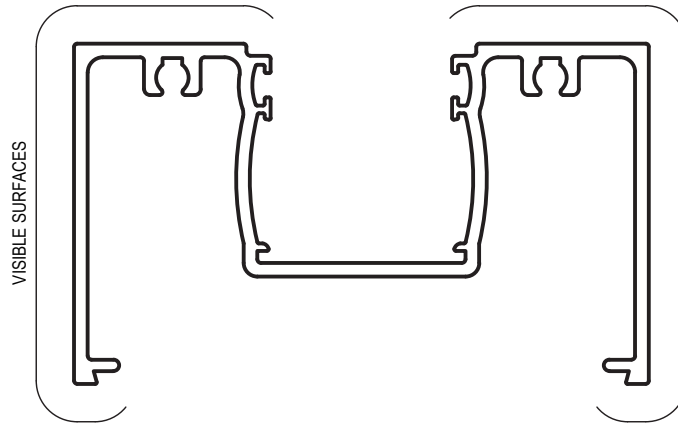
TEST REPORT:	AS19-386
SYSTEM CONFIGURATION	ecoFRAMEplus 76mm FRAMING F/F WITH ECO291 & ECO292 MATING MULLIONS
TEST SAMPLE SIZE	2.45m high x 2.44m wide
SERVICEABILITY LOAD	+/- 660 Pa
ULTIMATE LOAD	+/- 2130 Pa
WATER PENETRATION	1000 Pa
AIR INFILTRATION	75Pa + 0.06 L/m/s ² - 0.05 L/m/s ²



DISCLAIMER:

Please note that the test results shown above reflect specific configurations of a system and are representative only. If a specific high wind load or a different configuration (i.e. changes to frames, transoms, mullions) is required on a project please discuss with Alspec prior to commencement.

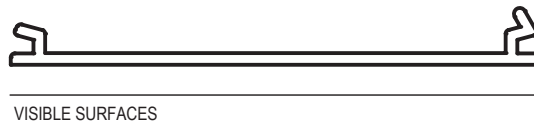
5. Extrusions



ECO251
76mm DG FRAME

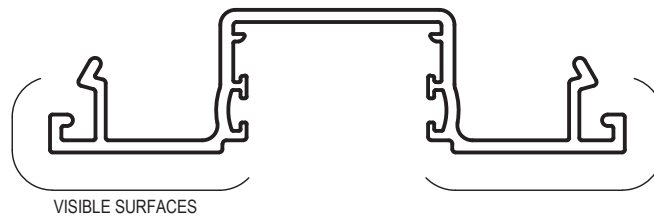
Mass. 1.269 Kg/m
Anod. Per. 522
Paint Per. 142

$I_{xx} = 352.77 \times 10^3 \text{ mm}^4$
 $I_{yy} = 87.66 \times 10^3 \text{ mm}^4$



AS55
FLUSH ADAPTOR

Mass. 0.349 Kg/m
Anod. Per. 169
Paint Per. 100



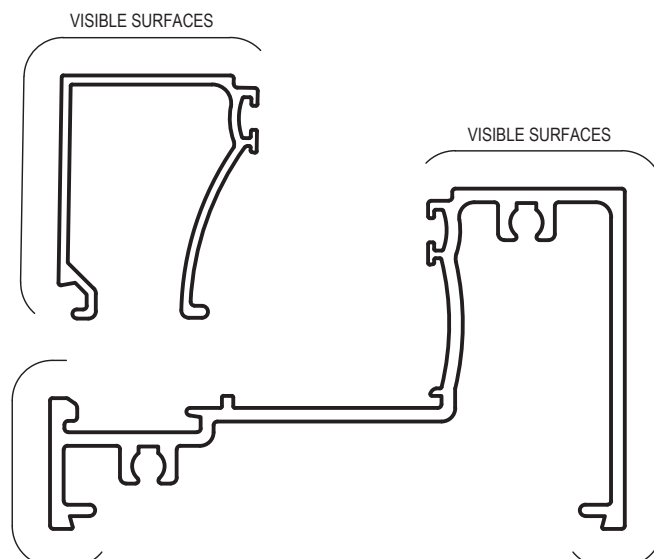
ECO254
76mm DG
GLAZING ADAPTOR

Mass. 0.657 Kg/m
Anod. Per. 315
Paint Per. 100

$I_{xx} = 129.25 \times 10^3 \text{ mm}^4$
 $I_{yy} = 10.85 \times 10^3 \text{ mm}^4$

ECO253
76mm DG
SILL BEAD

Mass. 0.330 Kg/m
Anod. Per. 198
Paint Per. 100



ECO252
76mm DG SILL

Mass. 1.010 Kg/m
Anod. Per. 410
Paint Per. 100

$I_{xx} = 262.96 \times 10^3 \text{ mm}^4$
 $I_{yy} = 71.66 \times 10^3 \text{ mm}^4$

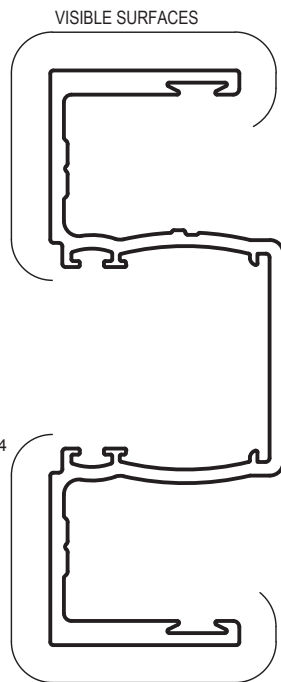
5. Extrusions

ECO291

76mm DG
MULLION DEEP
POCKET

Mass. 1.057 Kg/m
Anod. Per. 404
Paint Per. 117

$I_{xx} = 267.62 \times 10^3 \text{ mm}^4$

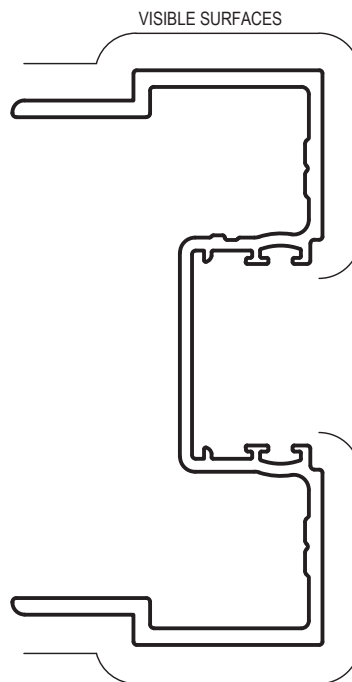


ECO292

76mm DG
MULLION SHALLOW
POCKET

Mass. 1.076 Kg/m
Anod. Per. 419
Paint Per. 144

$I_{xx} = 318.80 \times 10^3 \text{ mm}^4$

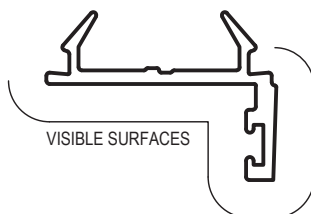


ECO123

GLAZING ADAPTOR

Mass. 0.118 Kg/m
Anod. Per. 100
Paint Per. 100

VISIBLE SURFACES



ECO255

76mm DG
45mm DOOR STOP

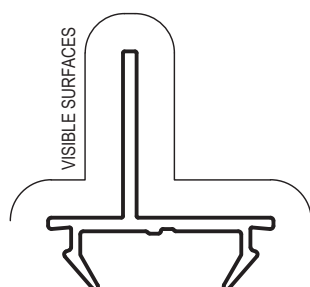
Mass. 0.297 Kg/m
Anod. Per. 133
Paint Per. 100



ECO257

REVEAL ADAPTOR
76mm FRAME

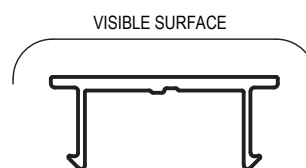
Mass. 0.535 Kg/m
Anod. Per. 252
Paint Per. No Visible Surface.



ECO256

76mm DG
35mm SASH
ADAPTOR

Mass. 0.307 Kg/m
Anod. Per. 141
Paint Per. 100



ECO258

76mm DG FLUSH
POCKET INFILL

Mass. 0.195 Kg/m
Anod. Per. 107
Paint Per. 100

6. Hardware & Components

Glazing Wedges

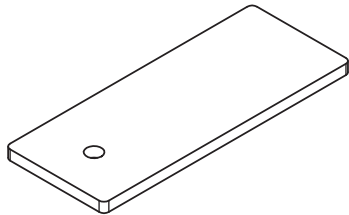
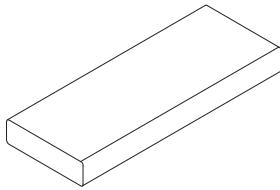
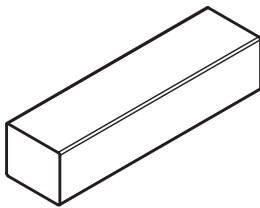
IMAGE	TO SUIT GAP	MATERIAL	PART #	DESCRIPTION
	3mm	PVC	1313055	GR43 GLAZING WEDGE (BROWN) (3mm GAP) PVC x 200m ROLL
		S/PRENE	1313063	GR43S GLAZING WEDGE (BROWN) (3mm GAP) S/PRENE x 200m ROLL
	4mm	PVC	1313056	GR44 GLAZING WEDGE (WHITE) (4mm GAP) PVC x 200m ROLL
		S/PRENE	1313064	GR44S GLAZING WEDGE (WHITE) (4mm GAP) S/PRENE x 200m ROLL
	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
	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
	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
	8mm	PVC	1313060	GR48 GLAZING WEDGE (ORANGE) (8mm GAP) PVC x 150m ROLL
		S/PRENE	1313067	GR48S GLAZING WEDGE (ORANGE) (8mm 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) PVC x 200m ROLL
		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) PVC x 100m ROLL
		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) PVC x 175m ROLL
		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) PVC x 100m ROLL
		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) PVC x 100m ROLL
		S/PRENE	1313075	GR49S BACKING GASKET - PUSH IN (6mm GAP) S/PRENE x 100m ROLL
	6mm	PVC	1313083	CE49 CO-EXT BACKING GASKET (6mm GAP) PVC x 100m ROLL
		S/PRENE	1313084	CE49S CO-EXT BACKING GASKET (6mm GAP) S/PRENE x 100m ROLL

Accessories



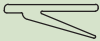
SETTING BLOCK 17x 20x 75mm BAG OF 50	
PART	1376737
FINISH	SANTO / POLYPROPYLENE BLEND - BLACK (034)
QTY	BAG

SETTING BLOCK 8 x 29 x 75mm BAG OF 50	
PART	1376771
FINISH	BLACK (034)
QTY	BAG

FLAT BAR 20 x 1.6mm (POCKET STOP)	
PART	1020060
FINISH	MILL FINISH
QTY	4m EXTRUSION

6. Hardware & Components

Seals

IMAGE	PART #	MATERIAL	DESCRIPTION
	1376847	PVC	WS48 PVC SEAL x 1m
	1376848		WS48 PVC SEAL x 500m
	1376452	PVC	MS1B MULLION RUBBER x 100m
	1376079	S/PRENE	CE308 DOOR BUFFER S/PRENE x 200m ROLL
	1376359	S/PRENE	CE48 CO-EXT BAFFLE (13.5mm HEIGHT) x 500m ROLL
	1376345	PVC	CE5.5 CO-EXT BULB SEAL (5.5mm DIAMETER) x 250m ROLL

Fasteners

SCREWS			
PART #	HEAD	DESCRIPTION	LOCATION
1382644	SQUARE #2	10g x 1 (25mm) 304SS SQ #2 PAN S/TAP SCREW x 1000	MAIN FRAME
1382054	PHILLIPS #2	10g x 1 (25mm) SS PHIL PAN S/TAP SCREW x 500	FRAME

Frame Joint Gaskets

PART #	DESCRIPTION	FINISH
1385509	FJG50 FRAME JOINT GASKET PVC FOAM TAPE 50 x 1.6mm 45.7m	BLACK (034)
		GREY (036)
1385512	FJG45 FRAME JOINT GASKET PVC FOAM TAPE 45 x 1.6mm 45.7m	BLACK (034)
		GREY (036)

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



41 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

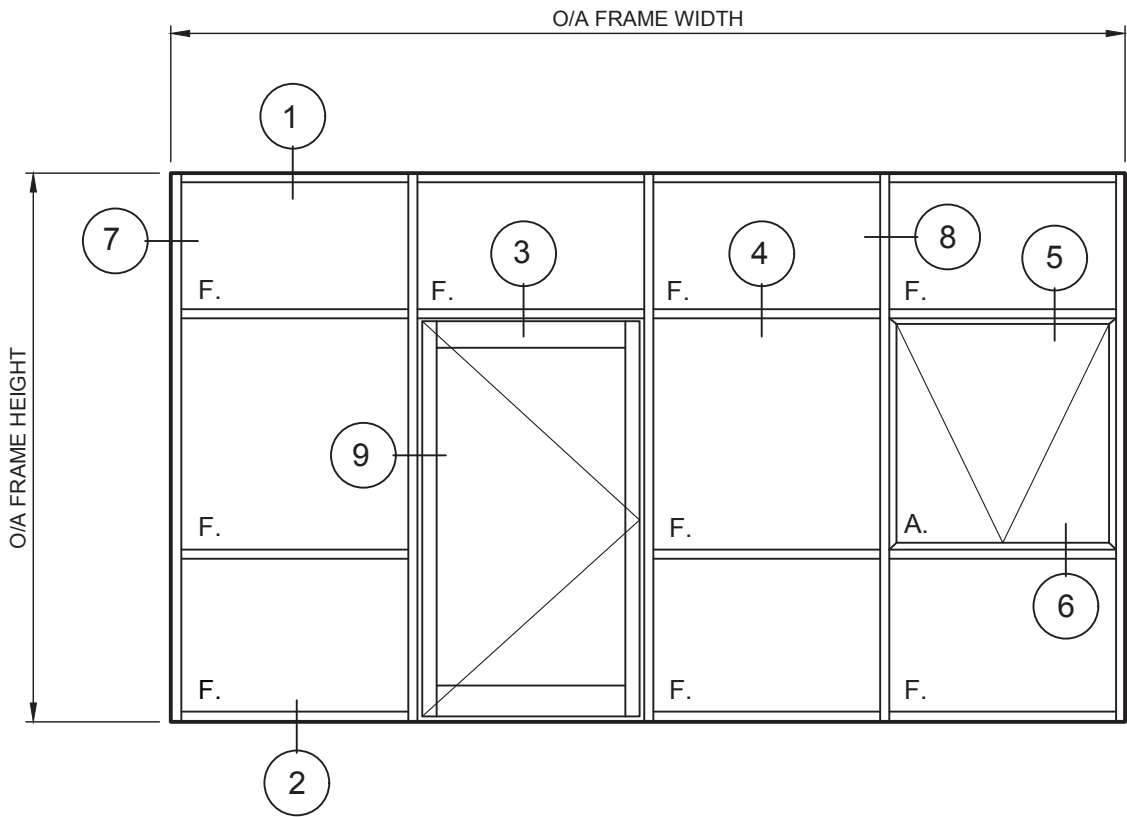
*For more information on silicones,
please refer to Alspec Silicone Brochure.

6. Hardware & Components

Silicone Product Codes

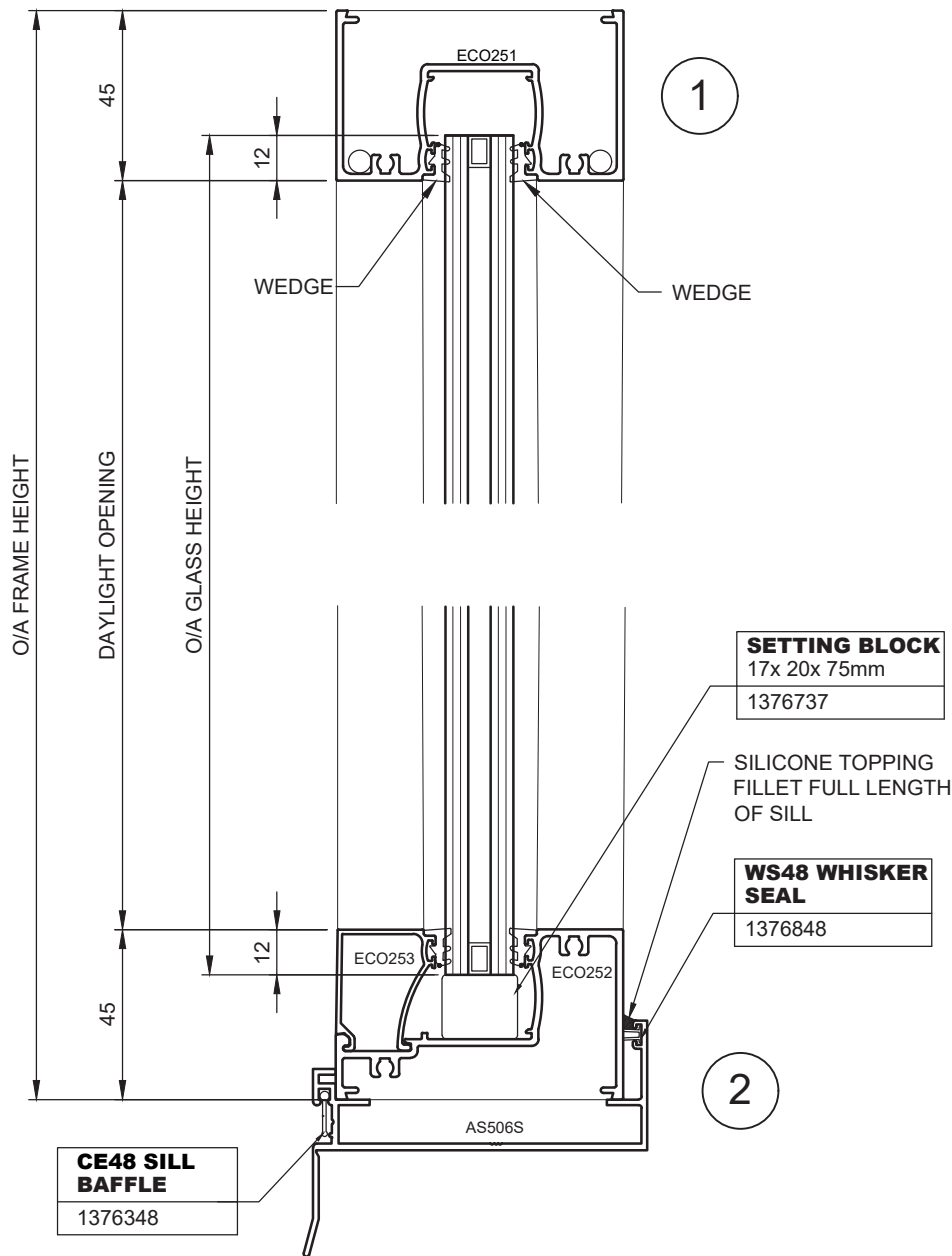
Product Category	Item No.	Alspec Part No. Code	Description	Finish	Pack
ALSPEC 100%	1	1386113	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	ALMOND IVORY	CARTRIDGE
	2	1386114	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	ALUMINIUM	CARTRIDGE
	3	1386105	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	BLACK	CARTRIDGE
	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



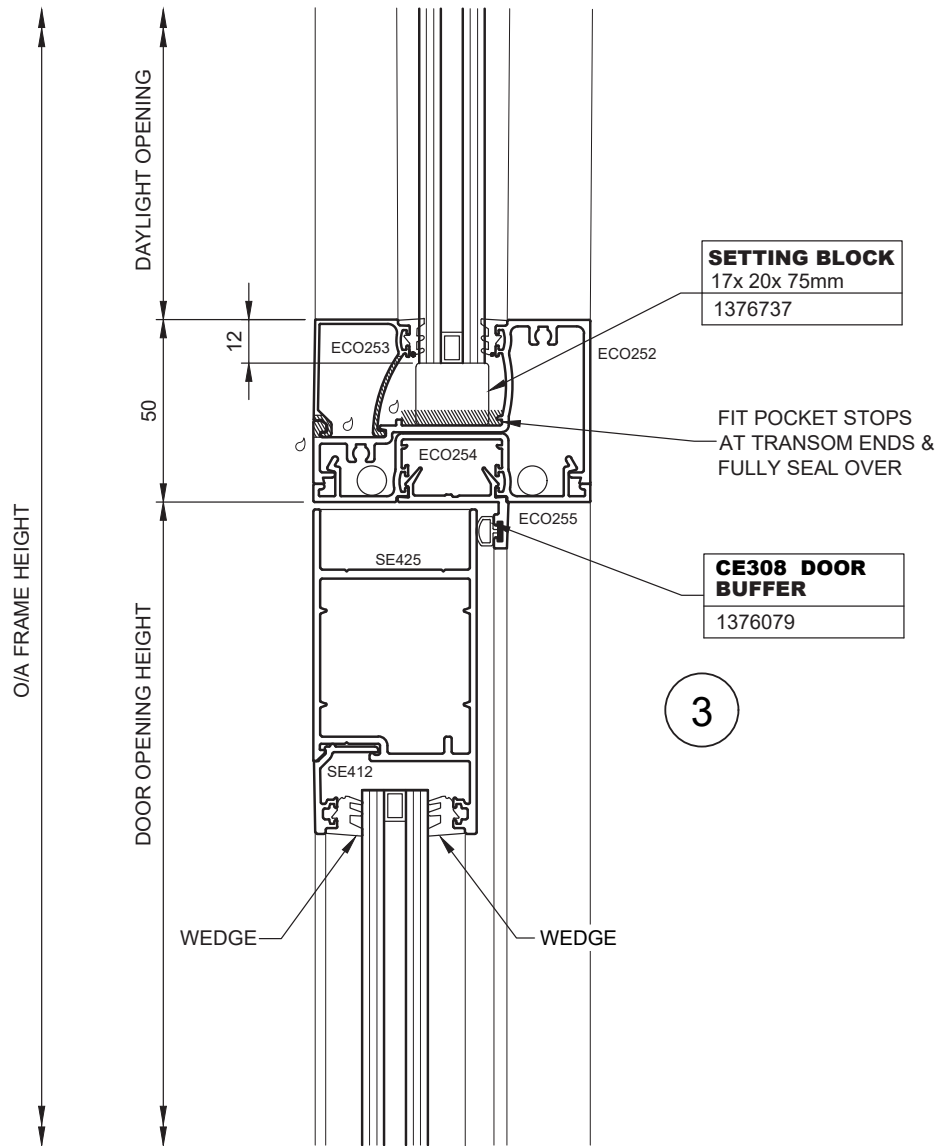
8. Typical Details

Typical Head and Sill Details



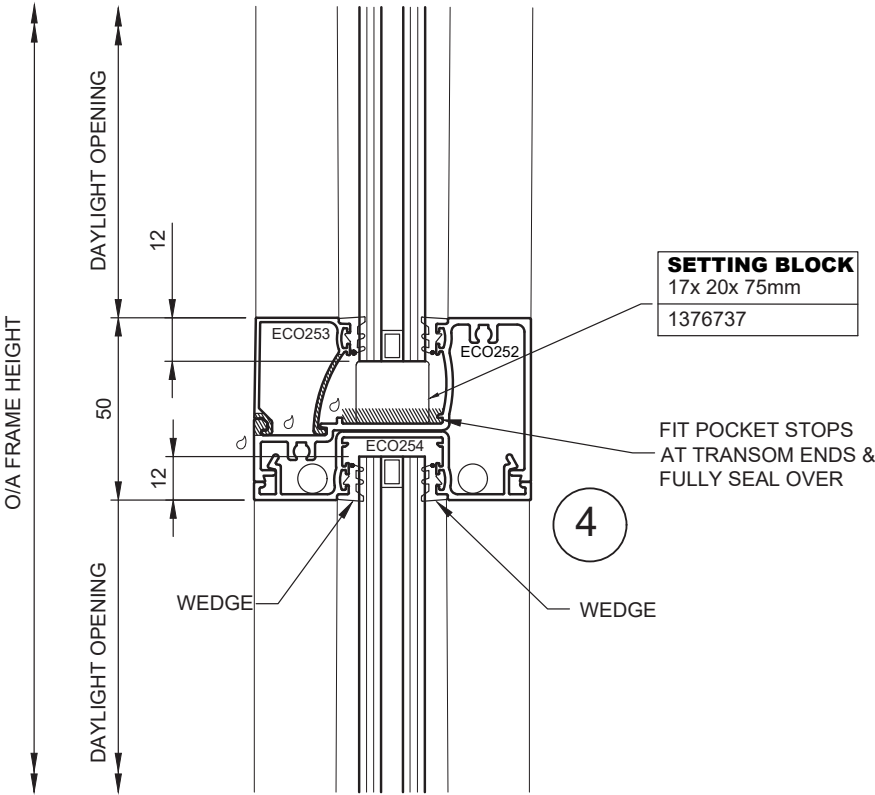
8. Typical Details

Typical Door Head / Transom Detail



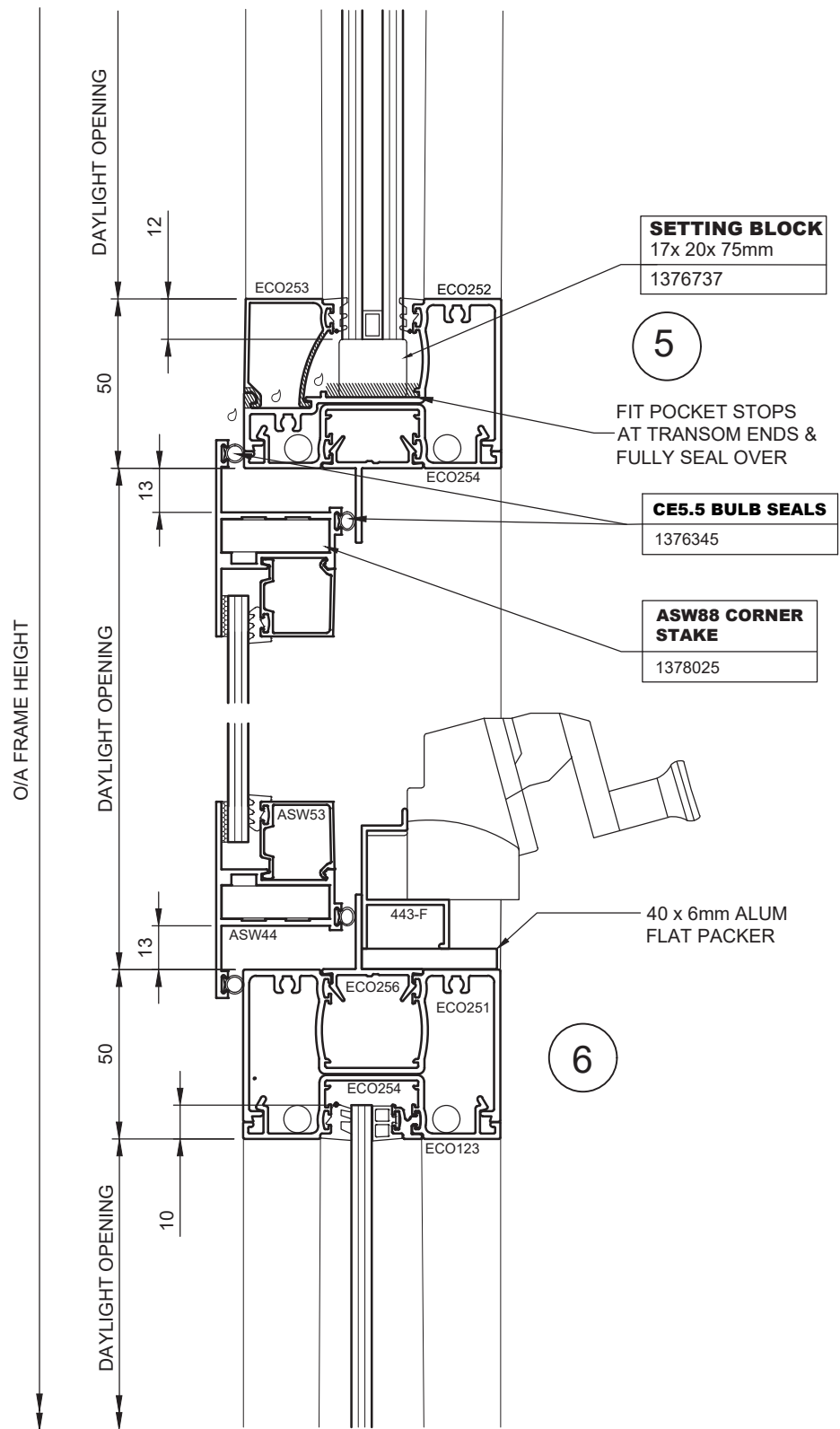
8. Typical Details

Typical Transom Detail



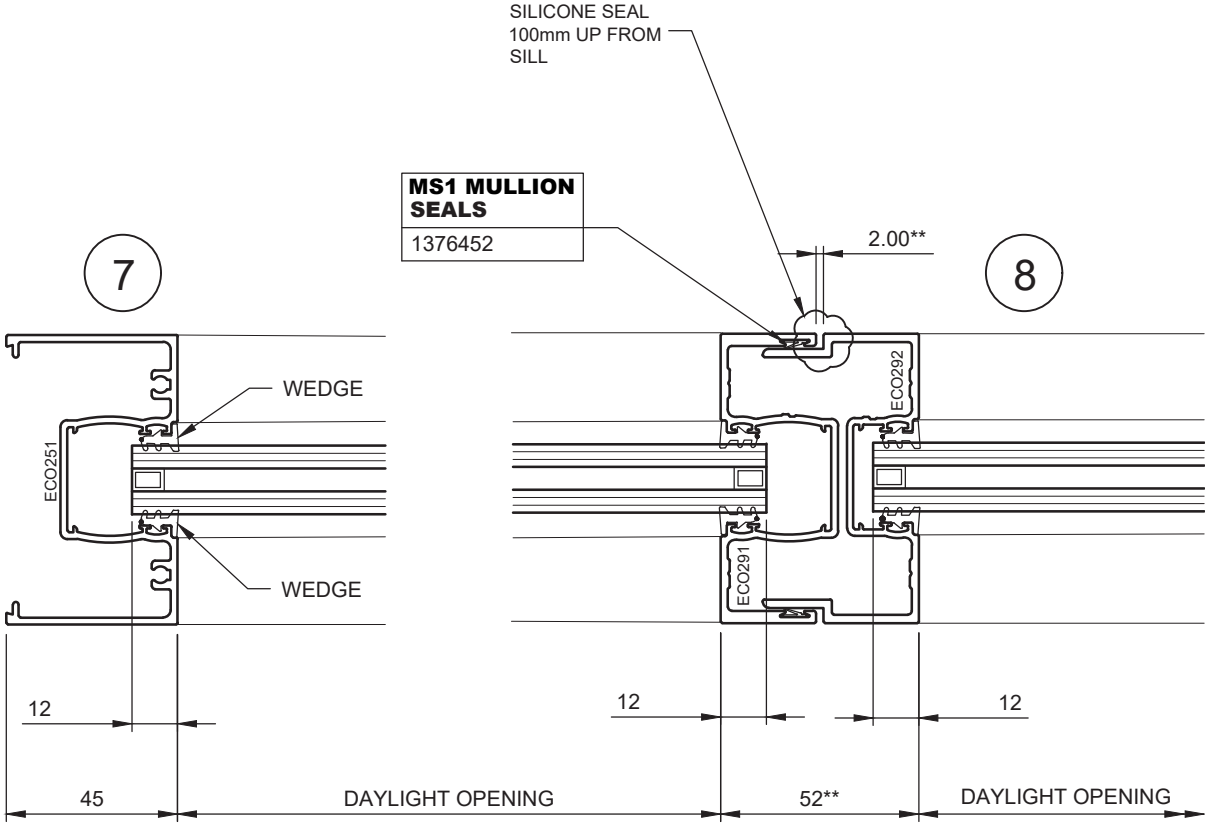
8. Typical Details

Typical Awning Detail



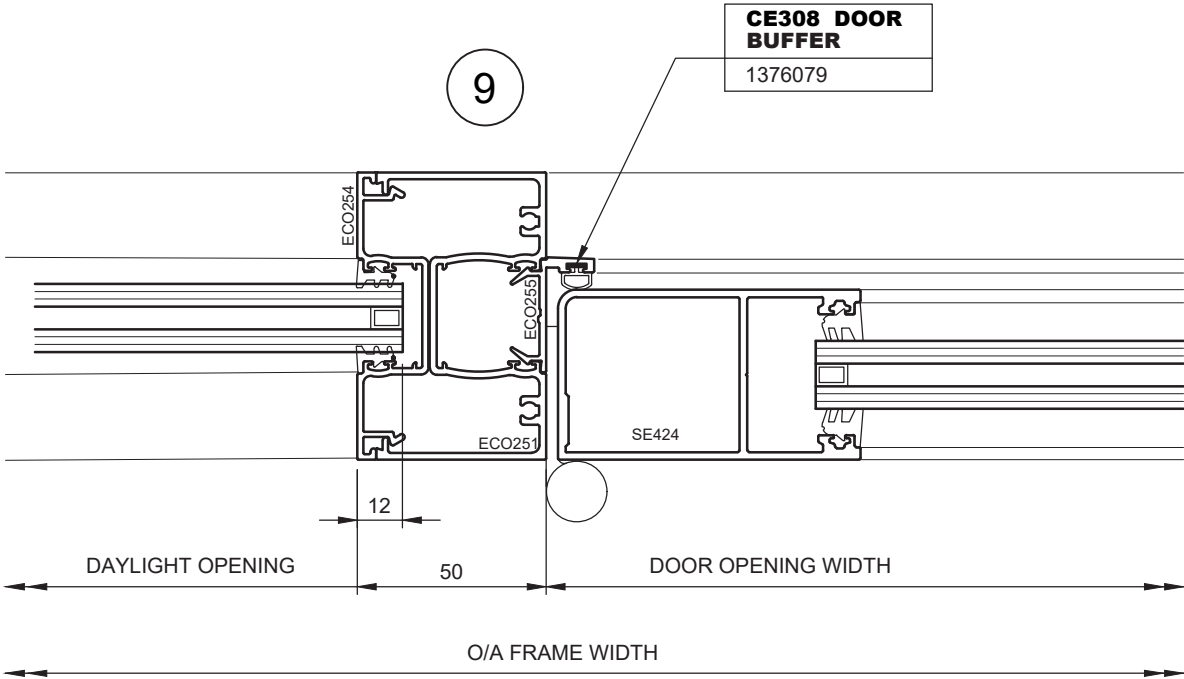
8. Typical Details

Typical Jamb and Mullion Detail



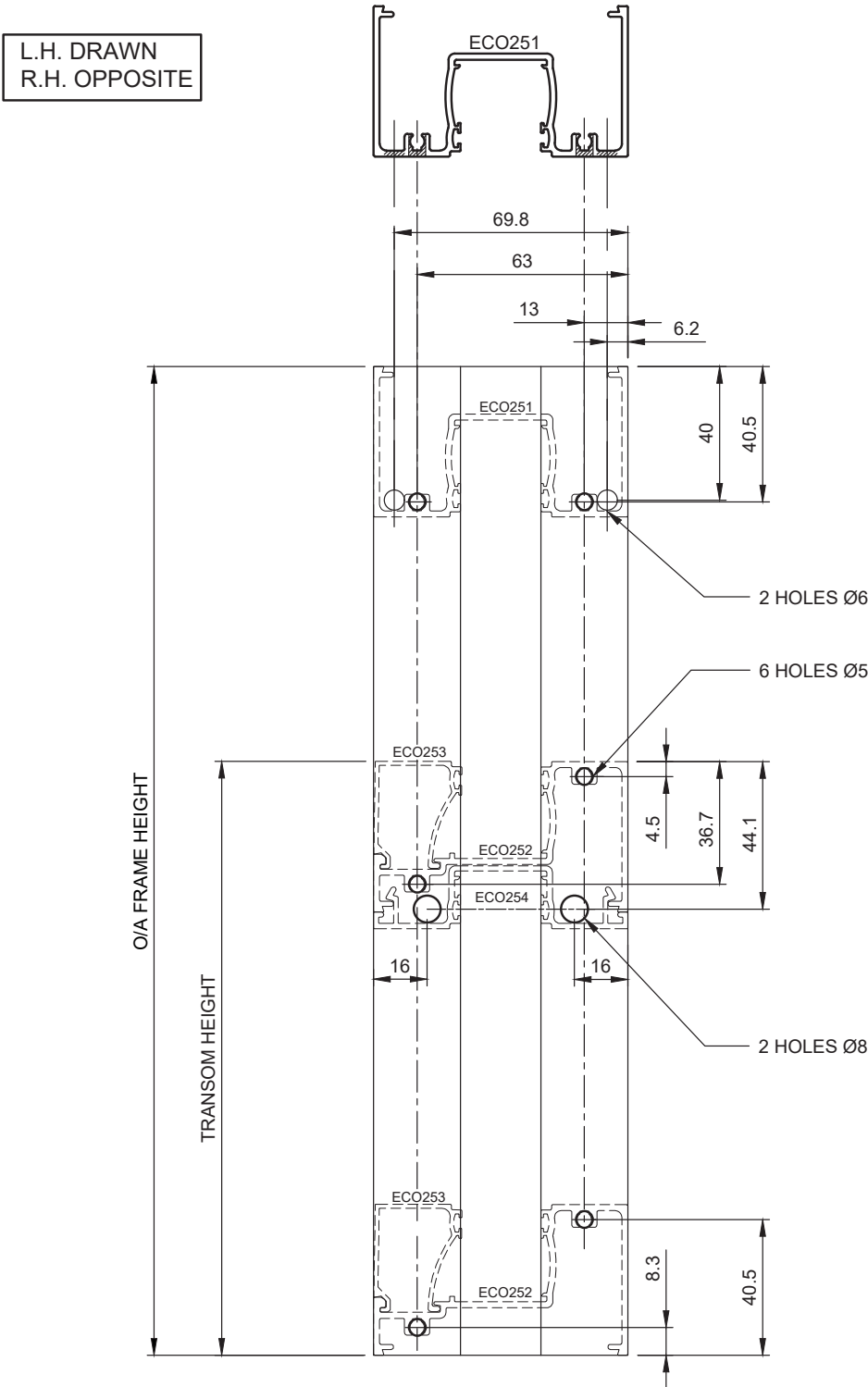
8. Typical Details

Typical Door Jamb Detail



10. Manufacturing Details

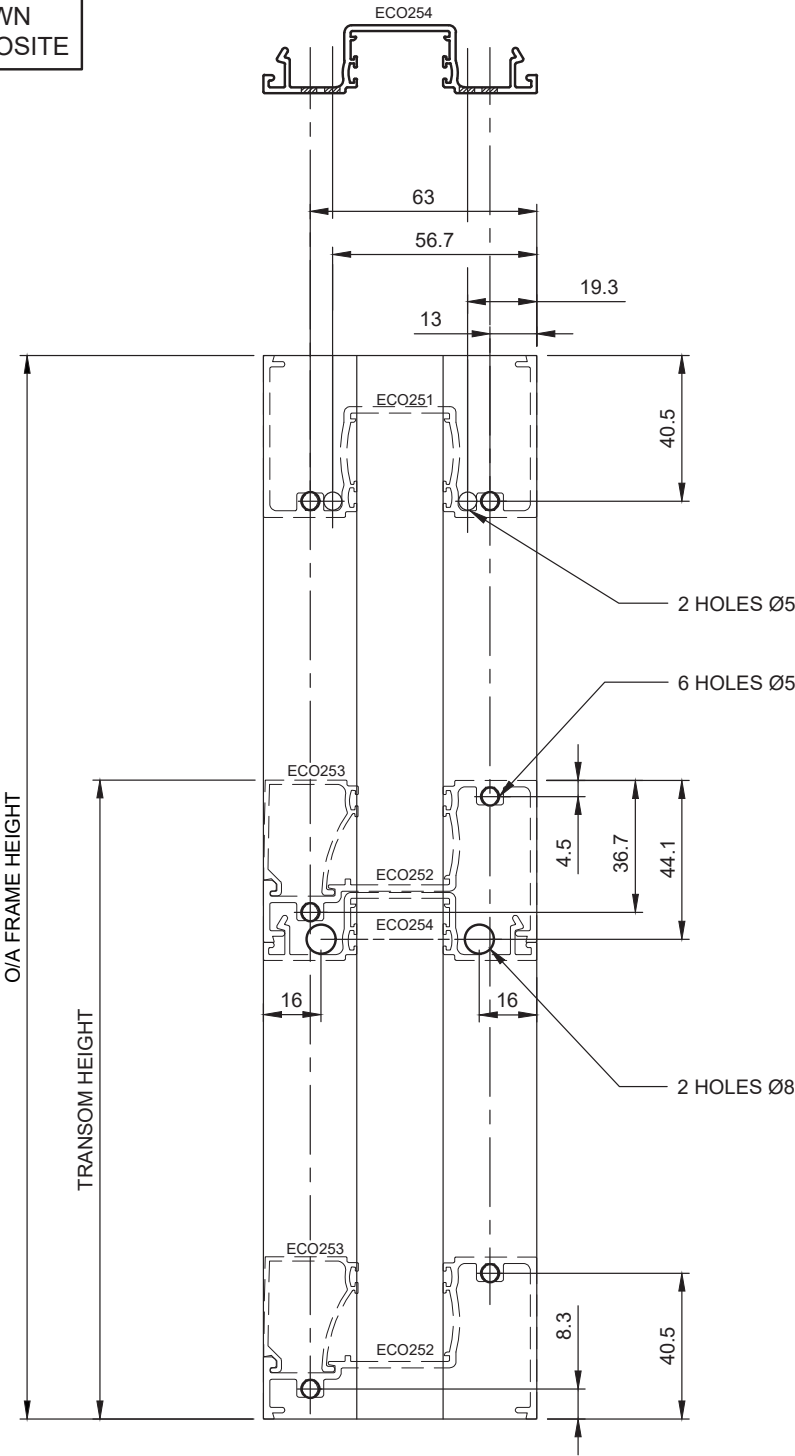
Frame Preparation - Frame / Jamb



10. Manufacturing Details

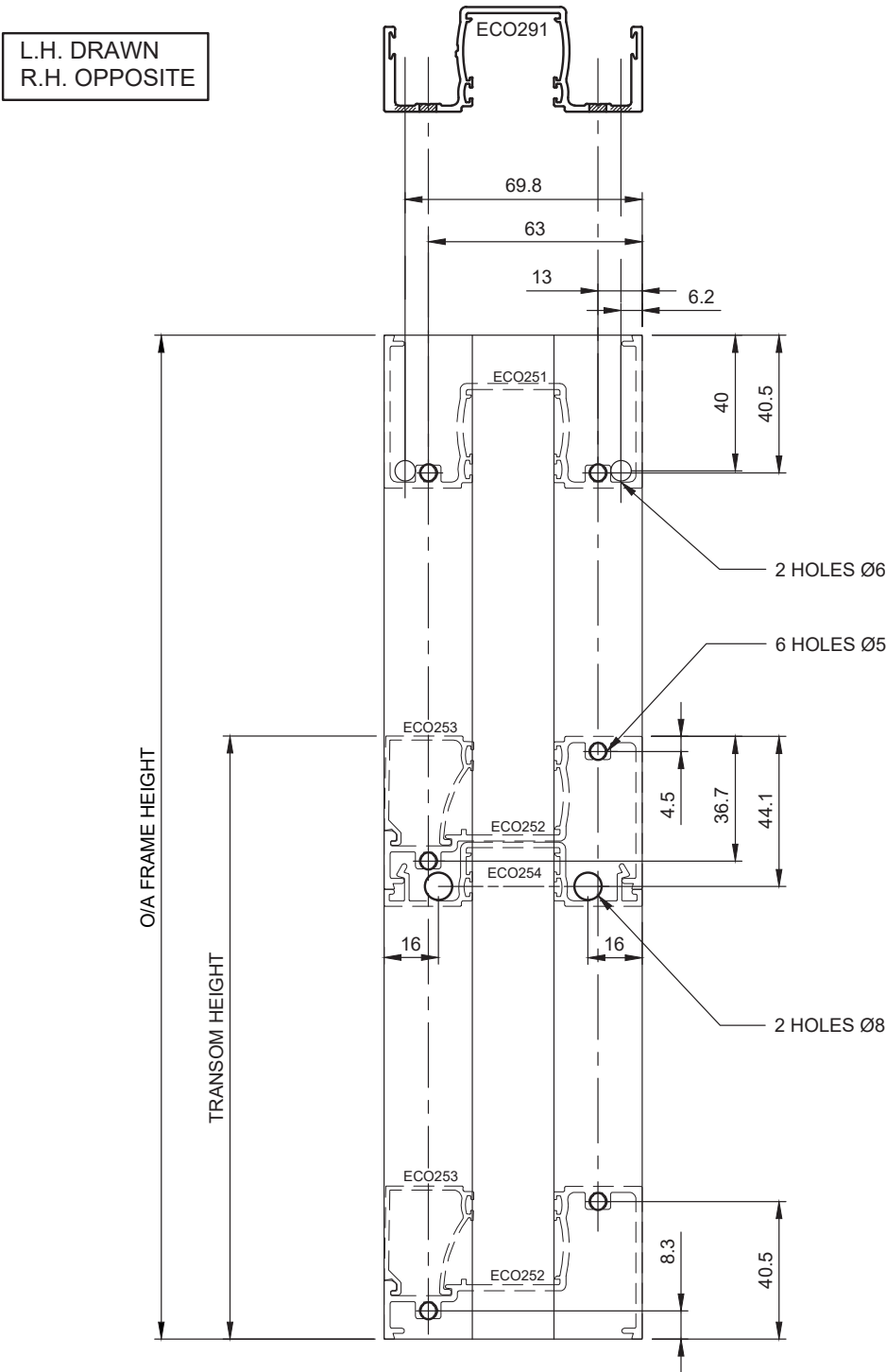
Frame Preparation - Glazing Adaptor

L.H. DRAWN
R.H. OPPOSITE



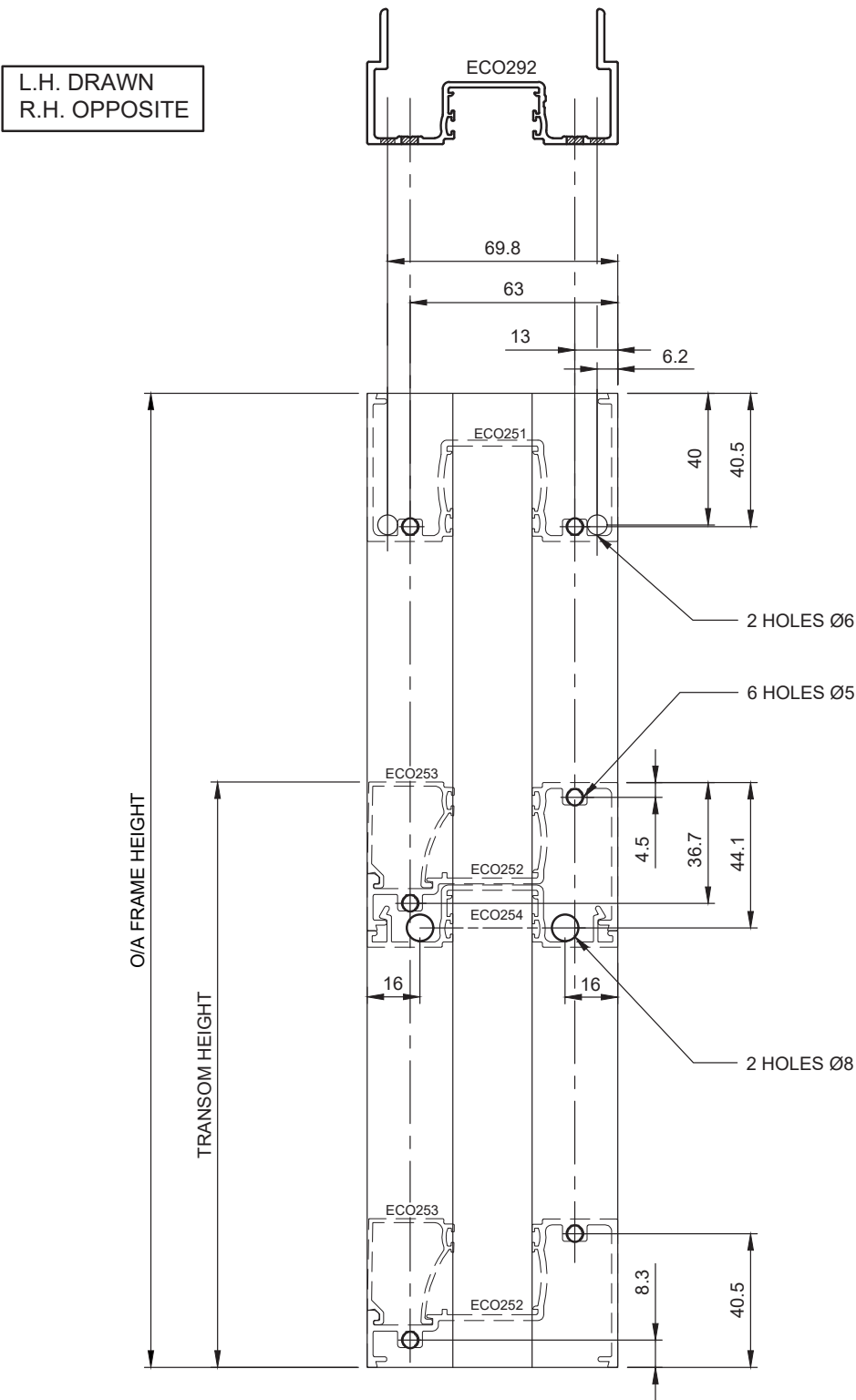
10. Manufacturing Details

Frame Preparation - Deep Pocket Mullions

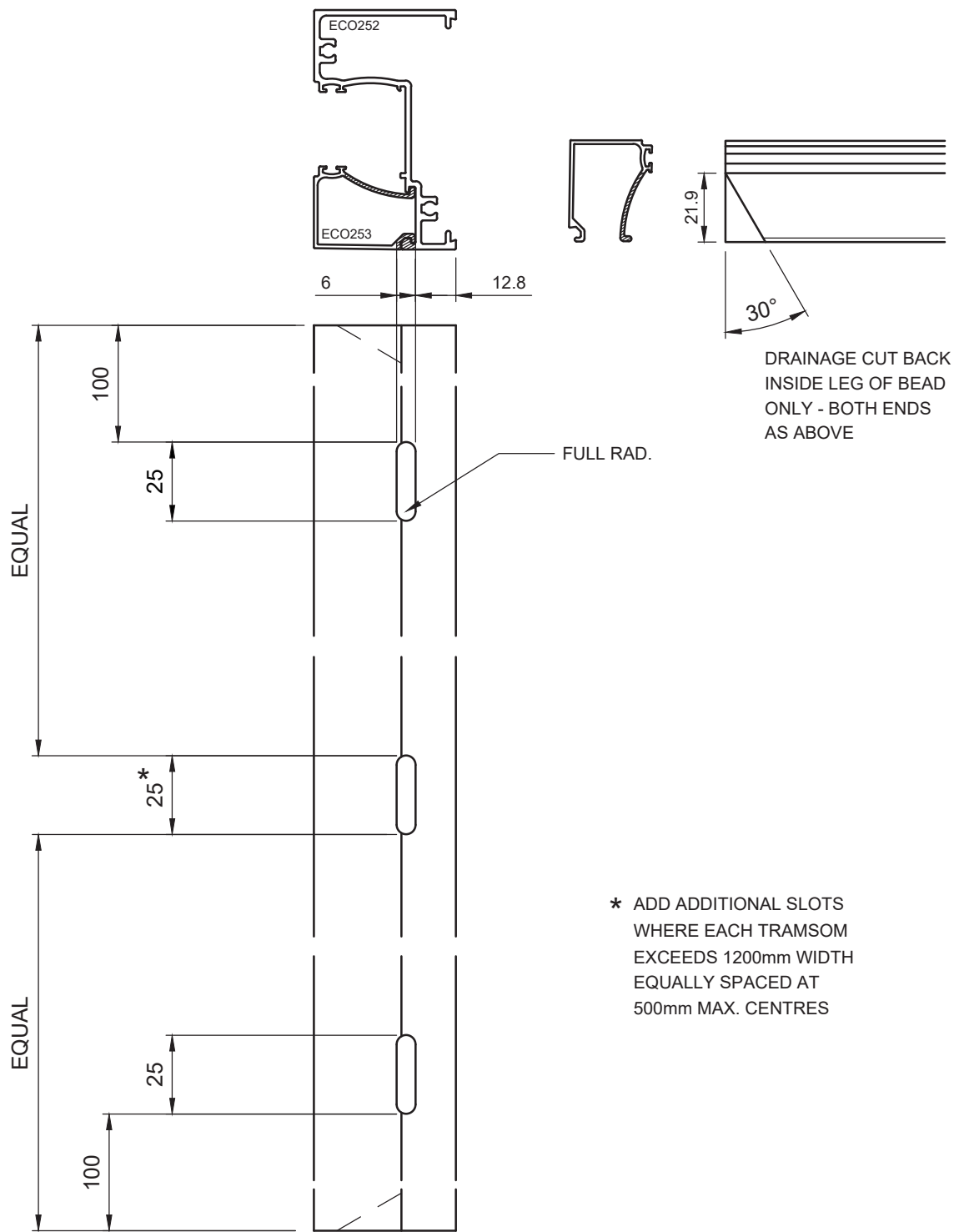


10. Manufacturing Details

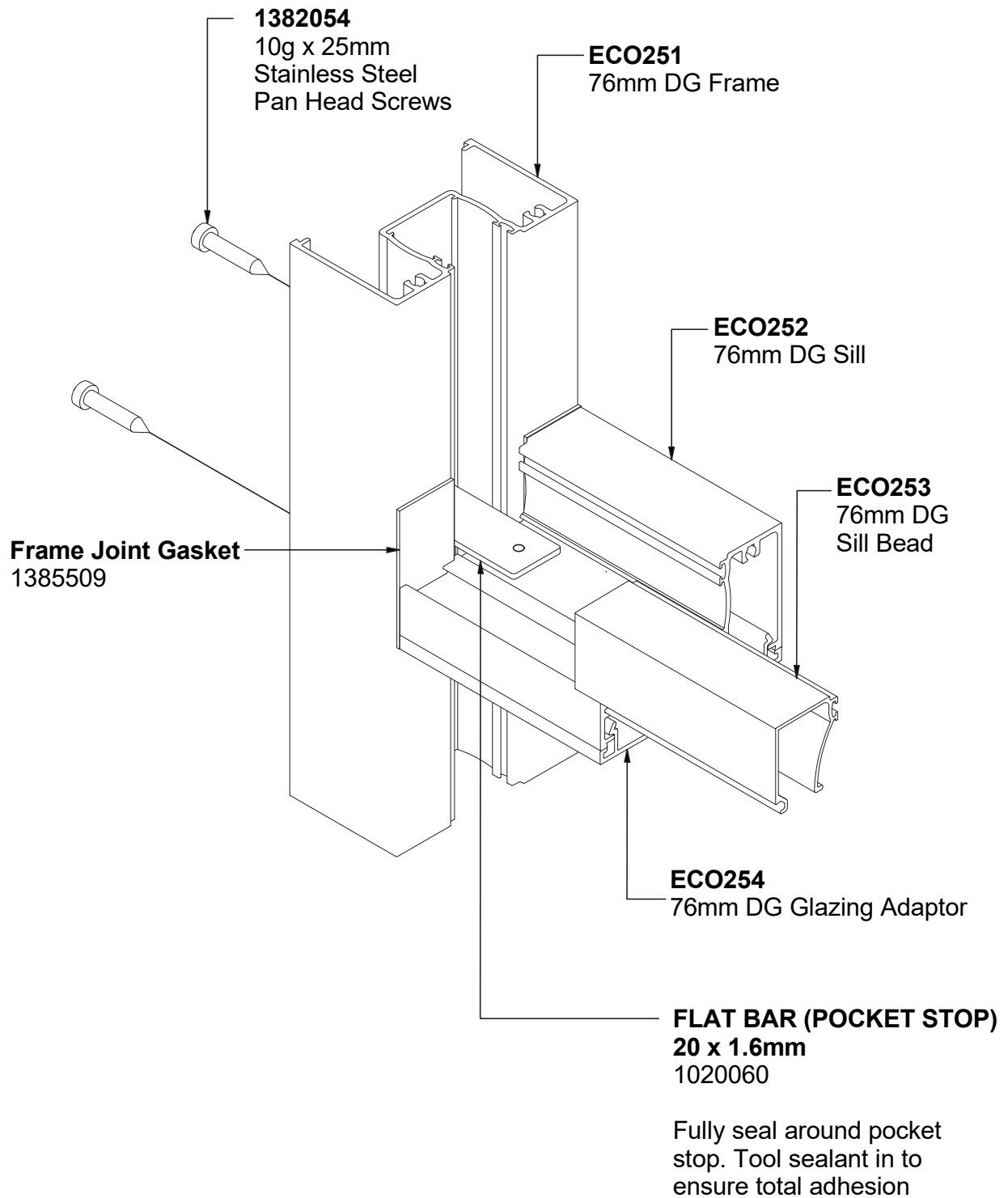
Frame Preparation - Shallow Mullions



Frame Preparation - Transom Drainage

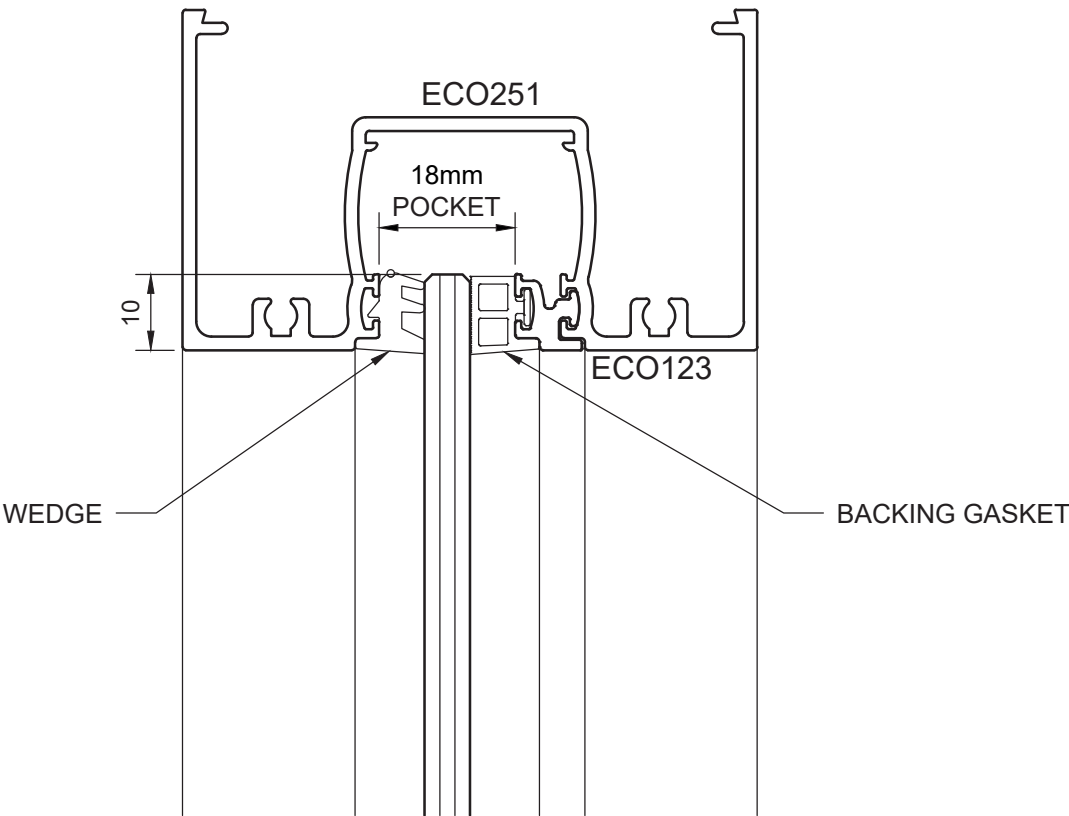


11. Assembly Details



12. Glazing Details

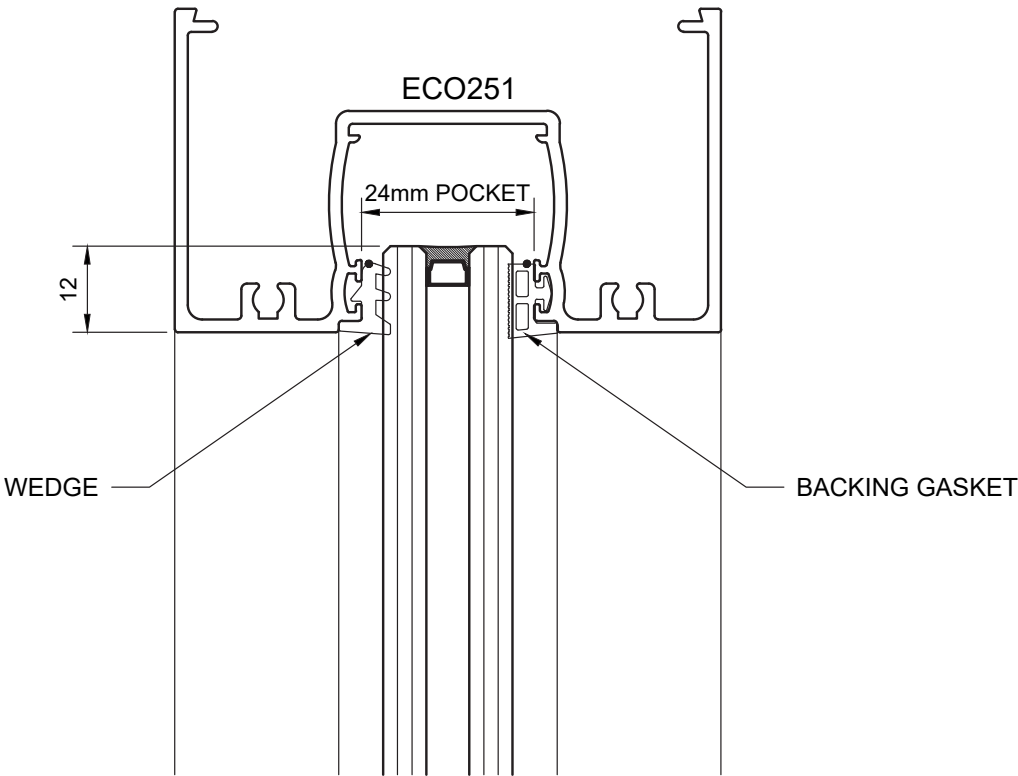
ECO251 Head with ECO123 Glazing Adaptor - Single Glazed



	WEDGE		PUSH IN BACKING GASKET	CO-EXTRUDED BACKING GASKET
GLASS THICKNESS	ID COLOUR	REF. (GAP)	REF. (GAP)	REF. (GAP)
4mm	ORANGE	GR48 (8mm)	GR49 (6mm)	CE39 (6mm)
5mm	RED	GR47 (7mm)	GR49 (6mm)	CE39 (6mm)
6mm	ORANGE	GR48 (8mm)	GR37 (4mm)	CE37 (4mm)
6.38mm	ORANGE	GR48 (8mm)	GR37 (4mm)	CE37 (4mm)
8mm	YELLOW	GR46 (6mm)	GR37 (4mm)	CE37 (4mm)
8.38mm	YELLOW	GR46 (6mm)	GR37 (4mm)	CE37 (4mm)
10mm	YELLOW	GR46 (6mm)	GR36 (2mm)	CE36 (2mm)
10.38mm	YELLOW	GR46 (6mm)	GR36 (2mm)	CE36 (2mm)

12. Glazing Details

ECO251 Head - Double Glazed



	WEDGE		PUSH IN BACKING GASKET	CO-EXTRUDED BACKING GASKET
GLASS THICKNESS	ID COLOUR	REF. (GAP)	REF. (GAP)	REF. (GAP)
12mm	ORANGE	GR48 (8mm)	GR37 (4mm)	CE37 (4mm)
12.38mm	RED	GR47 (7mm)	GR37 (4mm)	CE37 (4mm)
14mm	YELLOW	GR46 (6mm)	GR37 (4mm)	CE37 (4mm)
16mm	YELLOW	GR46 (6mm)	GR36 (2mm)	CE36 (2mm)
18mm	BROWN	GR44 (4mm)	GR36 (2mm)	CE36 (2mm)

13. Care & Maintenance

FRAMING

Your new **ecoFRAMEplus 76mm Centre Pocket Double Glazed** 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 **ecoFRAMEplus 76mm Centre Pocket Double Glazed** frame will retain it's good looks and resist the elements for years to come.

The **ecoFRAMEplus 76mm Centre Pocket Double Glazed** 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 **ecoFRAMEplus 76mm Centre Pocket Double Glazed** 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 **ecoFRAMEplus 76mm Centre Pocket Double Glazed** 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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