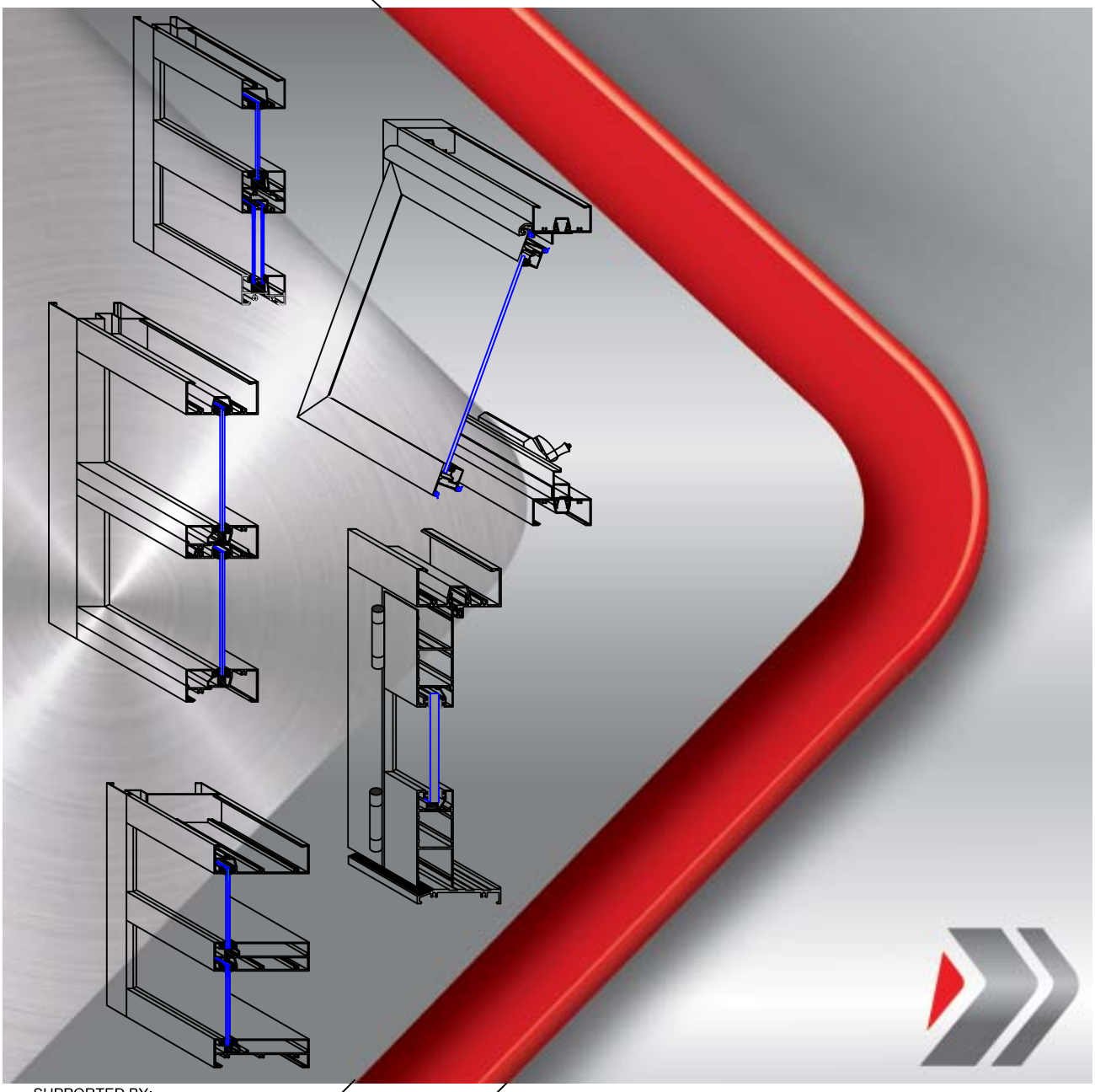
PRESS METAL

Press Metal Aluminium (Australia) Pty Limited
www.pmaa.net.au

2000 SERIES

WINDOWS and DOORS



SUPPORTED BY:

V6 softtech

&

LogiKal ORGADATA

- Fixed Glazing Frames
- Awning Sash
- Commercial Hinged Door
- Sub Frames

DATE ISSUED: MARCH 2022

"AUSTRALIAN DESIGNED AND TESTED"

PRESS METAL
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www.pressmetal.com.au

GROUP INTRODUCTION

Press Metal Berhad (PMB) is a Multinational Corporation with headquarters in Kuala Lumpur, Malaysia, as well as operations in the United Kingdom, Australia, Hong Kong and Dubai. The Company was incorporated in 1986 and subsequently listed on the Kuala Lumpur Stock Exchange in 1993. PMB Technology Berhad, its subsidiary company, also became a public company in 2003.

PMB specializes in Aluminium Extrusion manufacturing and is one of the Largest produces in Southeast Asia. PMB Facade Sdn Bhd (Malaysia) and PMB-Cyberwall Ltd (Hong Kong), both under PMB Technology Berhad are Leading Curtain Wall Contractors in this region with an Excellent Track Record. The projects involved inclue many famed buildings such as Chep Lak Kok Airport (Hong Kong), Plaza 66 (Shanghai, China), Golden Hall (Macao) and a1 Bidda (Doha, Qatar) and so on.

Through continuous growth in the past Twenty Years, PMB has emerged to be an internationally well recognized establishment. To fulfill its aggressive expansion plan, it has relocated its major production facility to china by setting up Press metal international Ltd in Foshan, China in 2005. The factory sits on a 760,000m2 area of land which will house a complete aluminium extrusion facility with eventual production capacity of 200,00 tonnes per annum.

Press Metal Aluminium (Australia) Pty Ltd, is part of the Press metal Berhad (PMB) Group and is the Australian Distributer for all Aluminium Extrusions Manufactured by the group.

The Window and Sliding Door products shown in this catalogue are all Australian Designed and Australian Tested, to compliance with the Relevant Australian Standards.

PRESS METAL ALUMINIUM (AUSTRALIA) PTY LTD - SALES OFFICE CONTACTS

SYDNEY:
1012-1016 Canley Vale Road,
Wetherill Park, NSW, 2164,
Australia
Tel: (02) 9756 5555
Fax: (02) 9756 5499
E-Mail: sales@pmaa.net.au

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Tel: (07) 5540 6100
Fax: (07) 5540 6144
E-Mail: sales@pmaa.net.au

MELBOURNE:
32 Southeast Boulevard,
Pakenham, VIC, 3810
Tel: 03 9776 9976
email: sales@pmaa.net.au

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ALLOY 6063

Description of Alloy

Alloy6063 provides a good combination of extrudability and mechanical properties. Its excellent extrudability allows thin-walled hollow shapes, intricate solid and other shapes that are usually difficult to extrude with satisfactory finish, to be produced more easily. It responds well to polishing, chemical brightening, anodizing and dyeing.
All Aluminium Extrusions in this catalogue are extruded in compliance with the specifications of Australian Standards AS-NZSi866-1997.

Characteristics

Welding:	Alloy 6063 is readily welded by the MIG and TIG processes. The recommended filler alloy,particularly
when	welding exposed surfaces that will be anodized for decorative purpose, is 5356. Alloy 4043 may be used in other cases.
Rivets:	Alloy 6053-T61
Machining:	Readily machined in all temper given.
Forming:	All tempers may be formed, the softer tempers accepting more severe forming.
Corrosion:	Excellent resistance to the atmosphere, particularly for architectural applications.

Tempers Available

Extrude Shapes T1, T4, T5 and T6

Other Alloys & Tempers Are Available
Please Check with Sales Office

Chemical Composition

Alloy 6063 is a heat-treatable aluminium-magnesium-silicone alloy.

%	si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	
									Each	Total
Min	0.20									
Max	0.60	0.35	0.10	0.10	0.90	0.10	0.10	0.10	0.05	0.15

Mechanical Properties

Temper	Size (or) Thickness (3mm)		Tensile Strength (Mpa) min		Elongation %
	Over mm	Up To	UTS (Min)	Yield (Min)	
T1		12	115	60	12
	12	25	110	55	10
T4		12	130	70	12
	12	25	120	70	10
T5		12	150	110	8
	12	25	145	105	6
T6		12	205	170	8
	12	25	150	130	6

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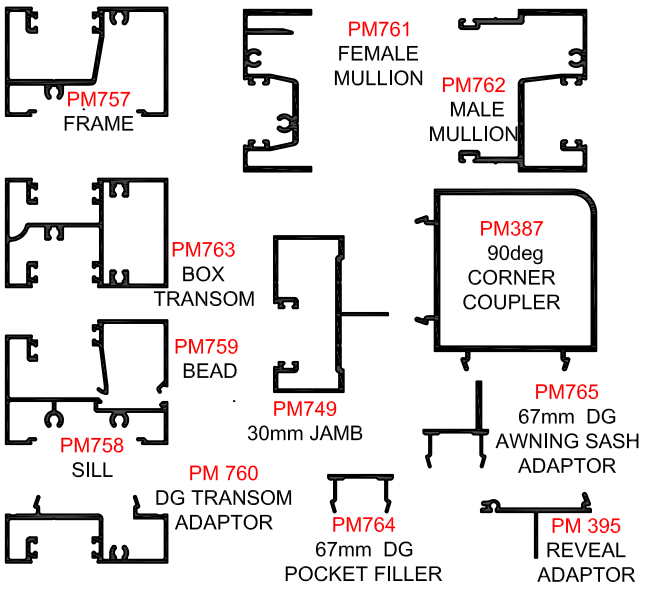
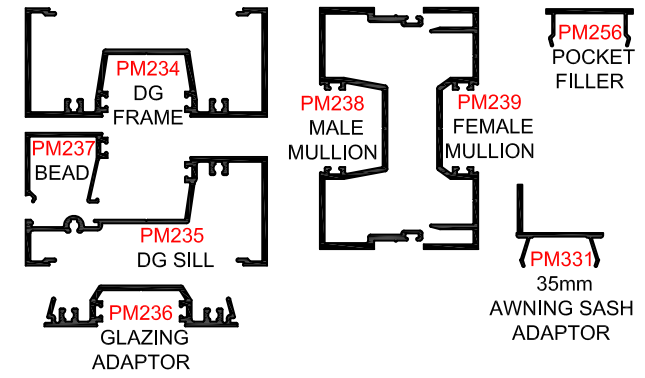
PRESS METAL ALUMINIUM EXTRUDED PROFILES

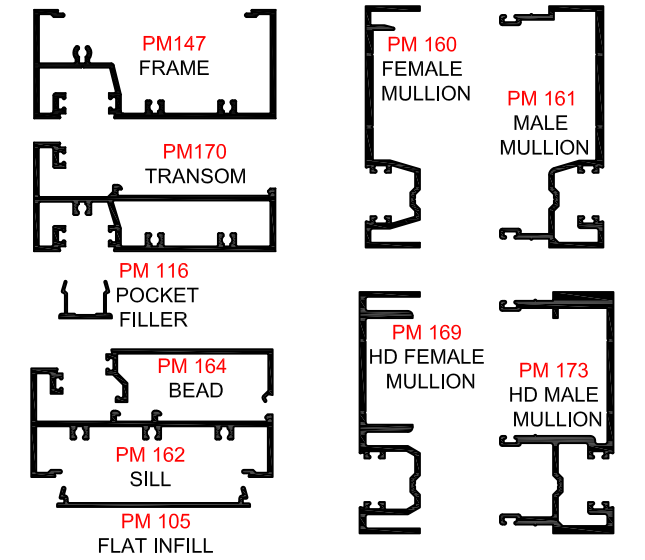
2001 SERIES - 67 X 45mm FRAME

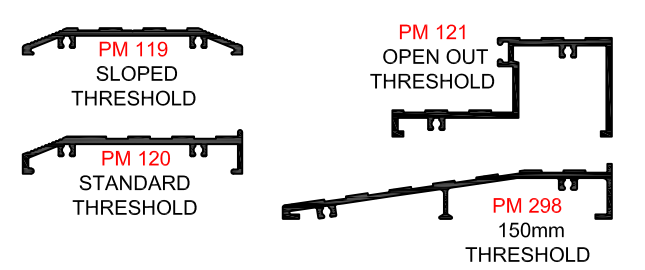


2003 SERIES - 100 X 45mm FRAME

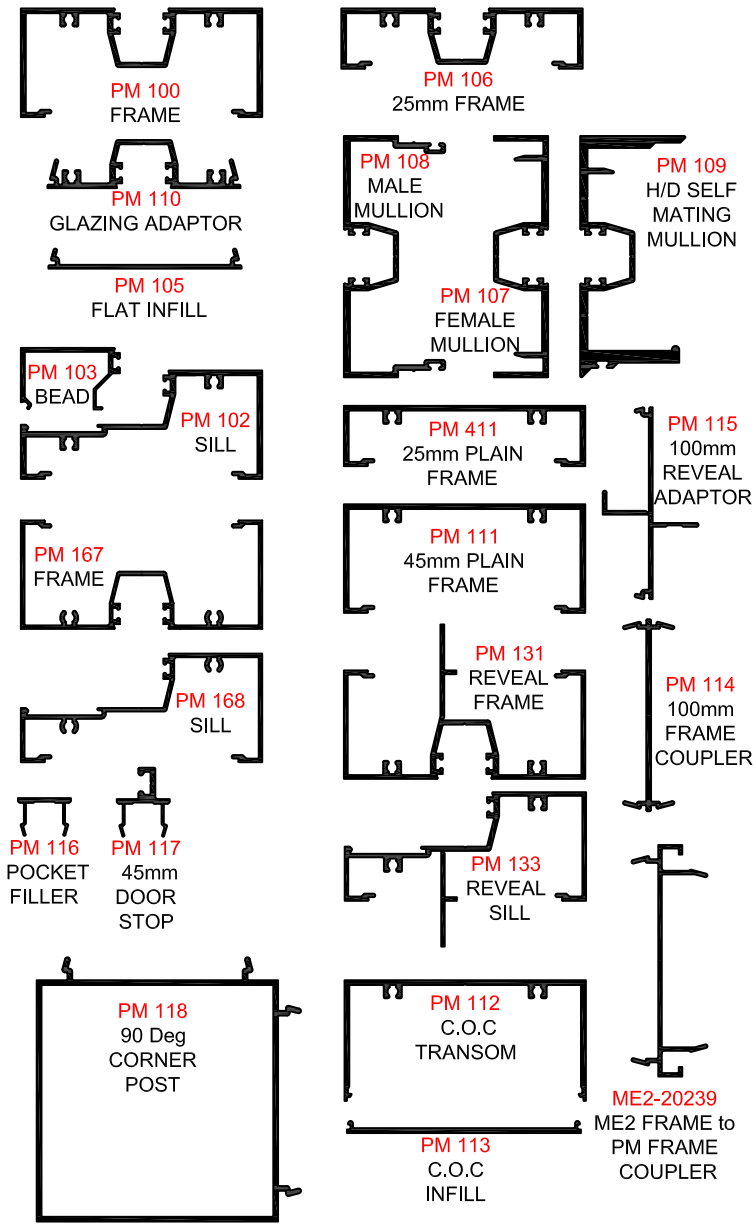


2005 SERIES - 100 X 45mm FRAME

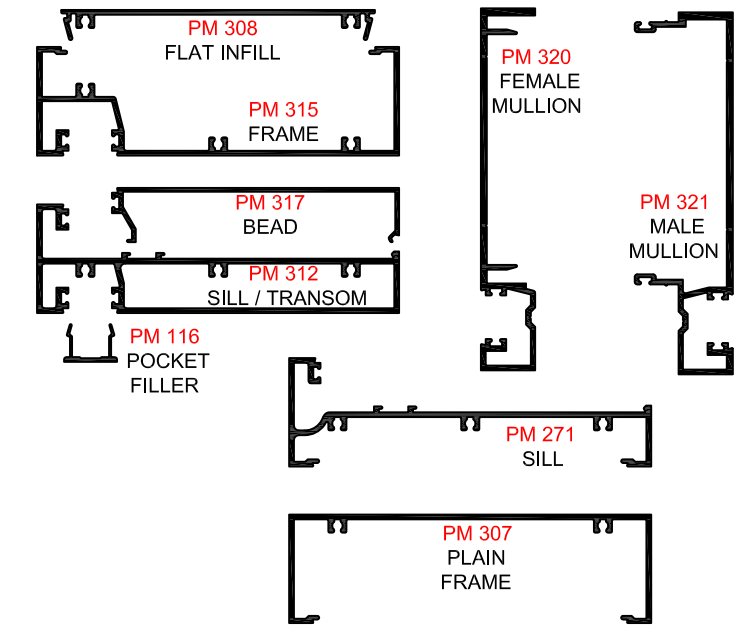




2002 SERIES - 100 X 45mm FRAME



2006 SERIES - 150 X 45mm FRAME



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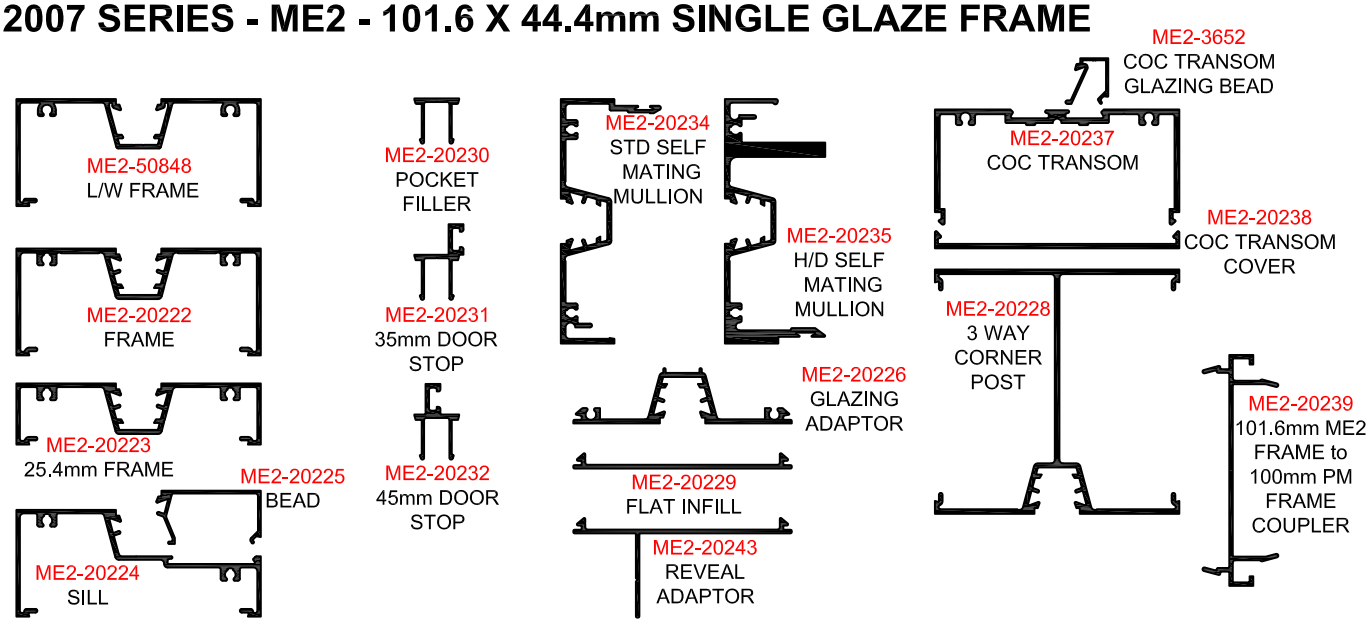
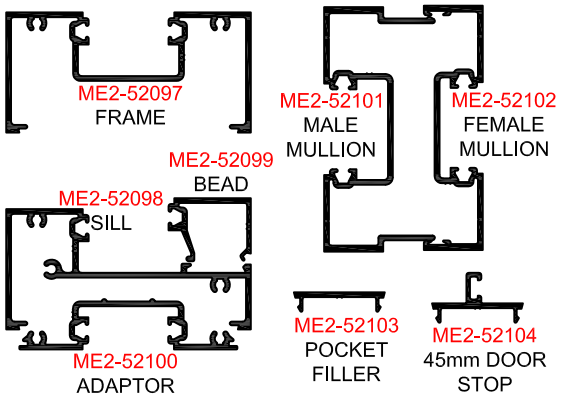
PRESS METAL ALUMINIUM EXTRUDED PROFILES

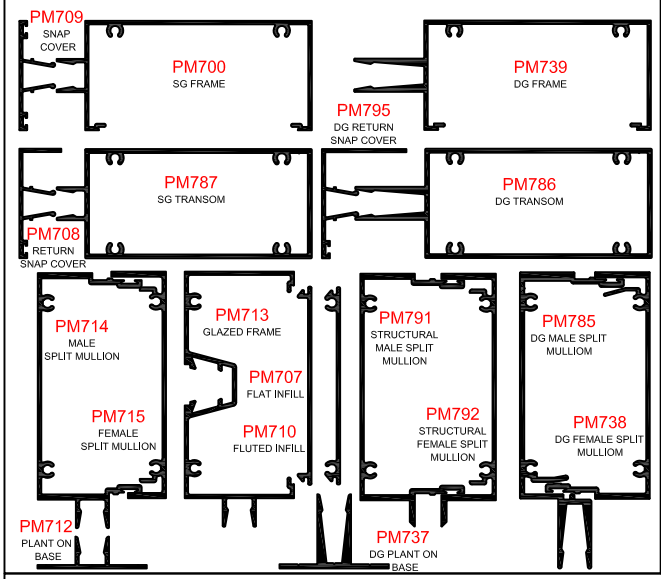
2007 SERIES - ME2 - 101.6 X 44.4mm SINGLE GLAZE FRAME



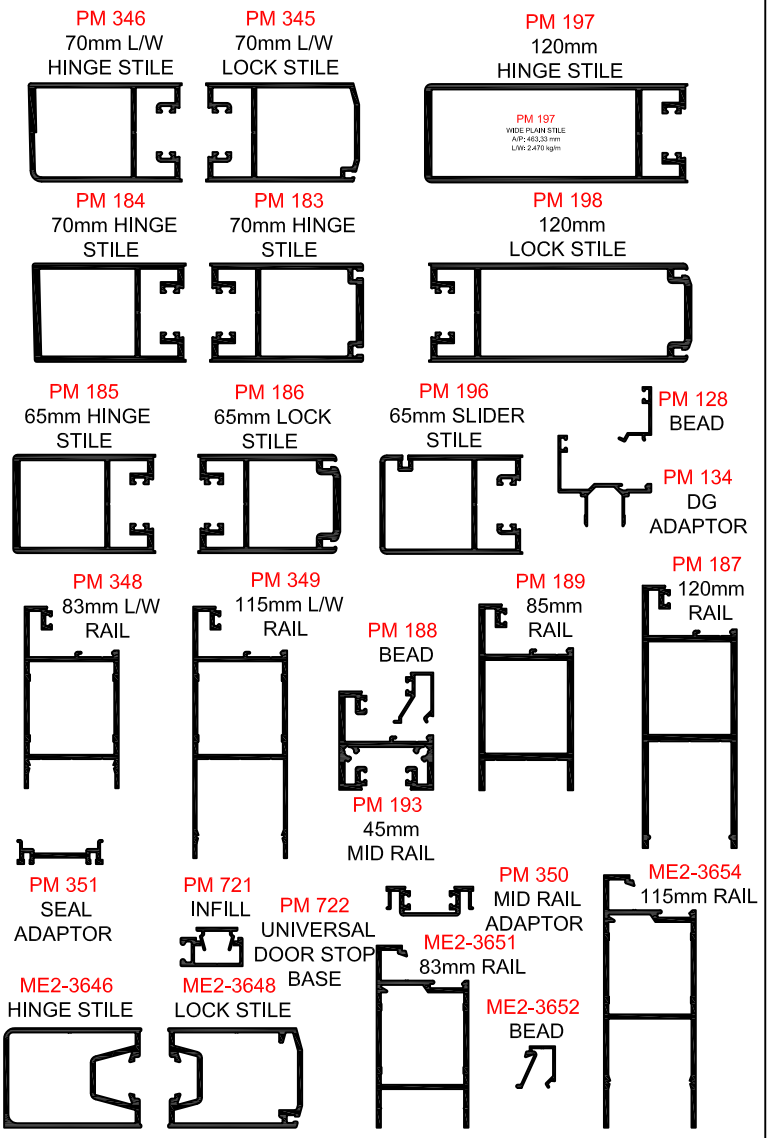
2008 SERIES - ME2 - 101.6 x 50mm DOUBLE GLAZE FRAME



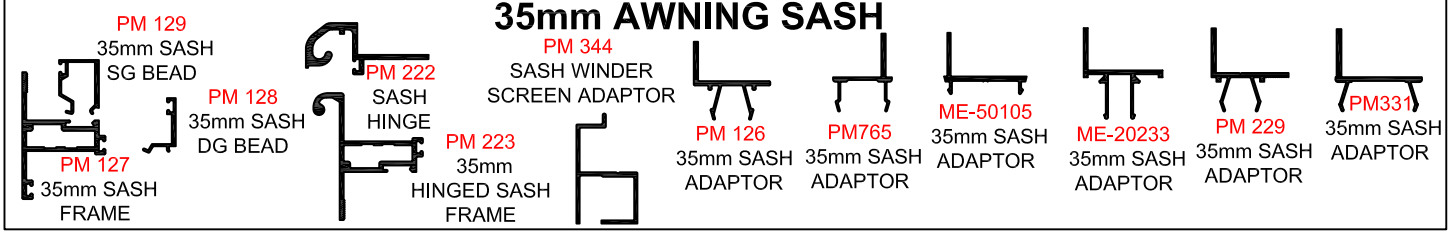
2009 SERIES - 123 & 142 x 50mm SG & DG FRONT GLAZED FRAME



45mm COMMERCIAL DOOR



35mm AWNING SASH



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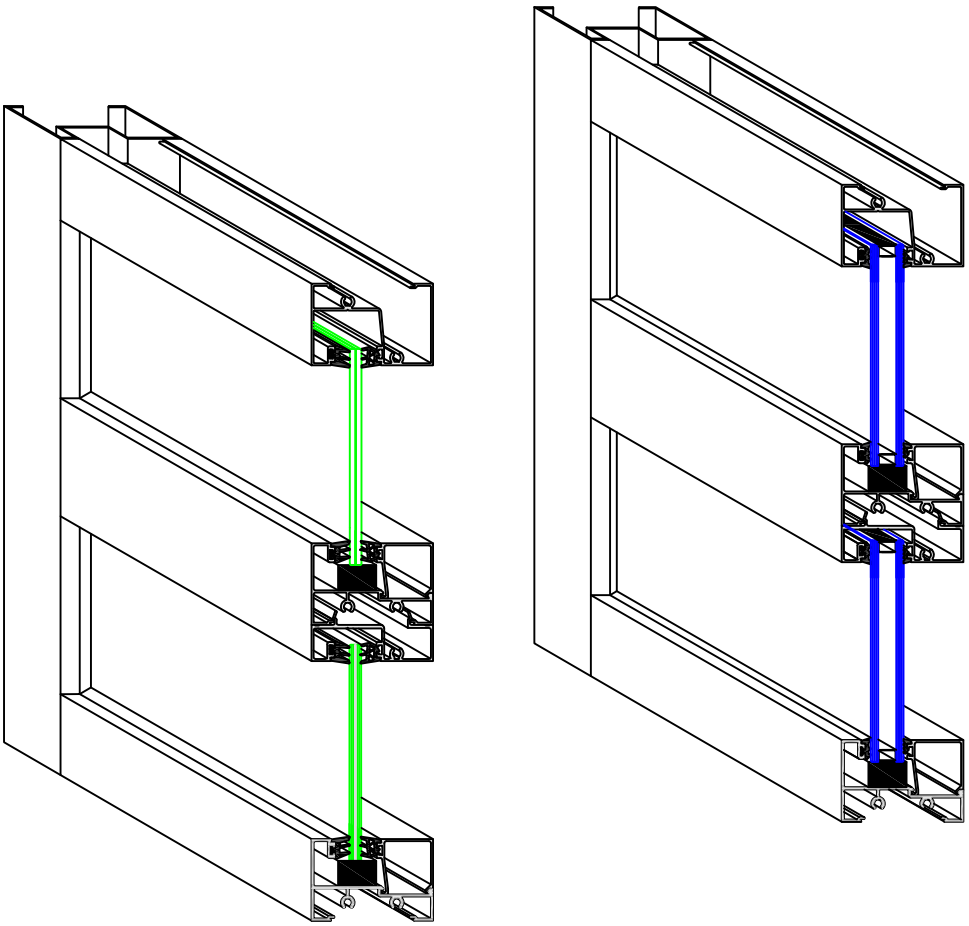

2001 SERIES - 67mm FRAME

23mm Front Pocket
Single or Double Glazing
up to 18.76mm

Pages: A01 to A08

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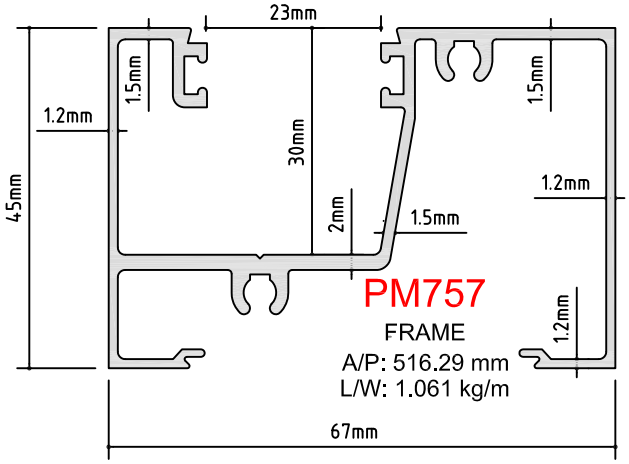
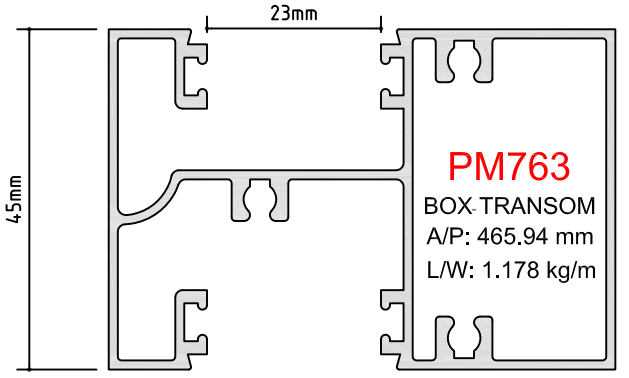
2001-SERIES

67mm x 45mm
FRONT GLAZED FRAME SECTIONS

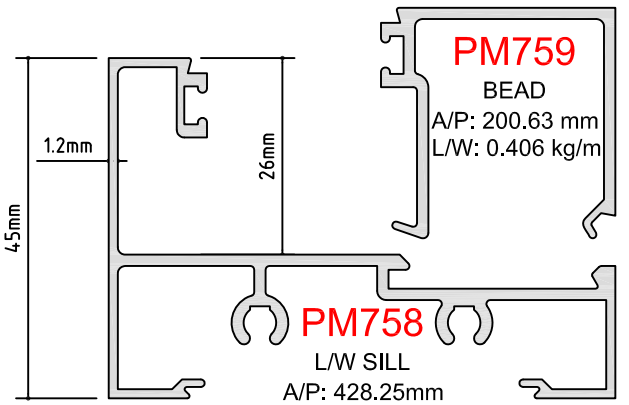
SCALE 1:1



PM757
FRAME
A/P: 516.29 mm
L/W: 1.061 kg/m

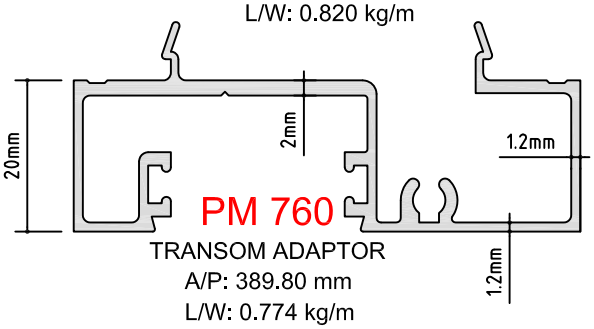


PM763
BOX TRANSOM
A/P: 465.94 mm
L/W: 1.178 kg/m

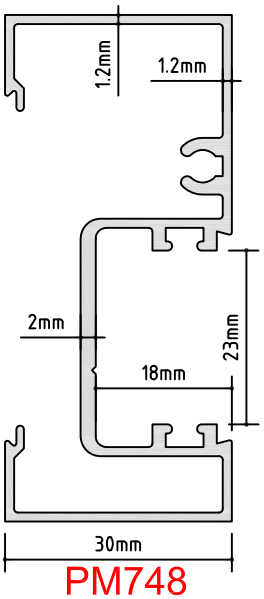


PM759
BEAD
A/P: 200.63 mm
L/W: 0.406 kg/m

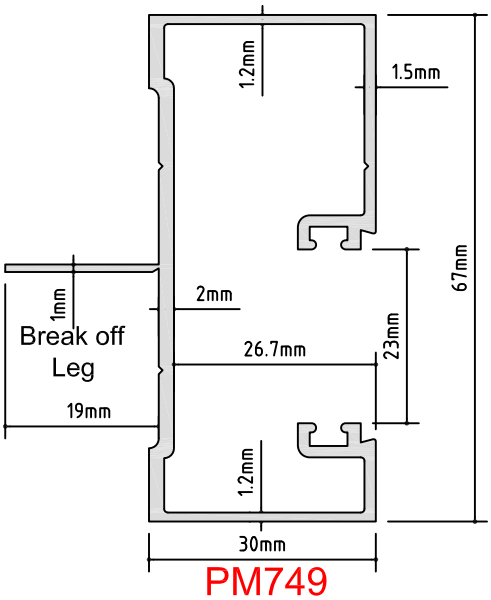
PM758
L/W SILL
A/P: 428.25mm
L/W: 0.820 kg/m



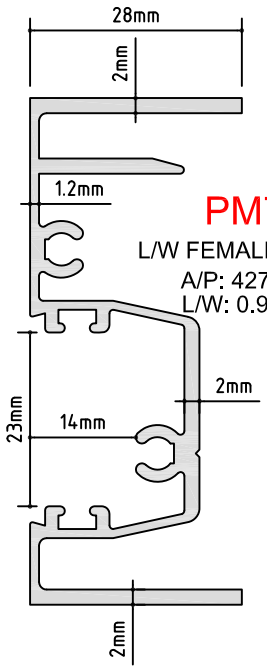
PM 760
TRANSOM ADAPTOR
A/P: 389.80 mm
L/W: 0.774 kg/m



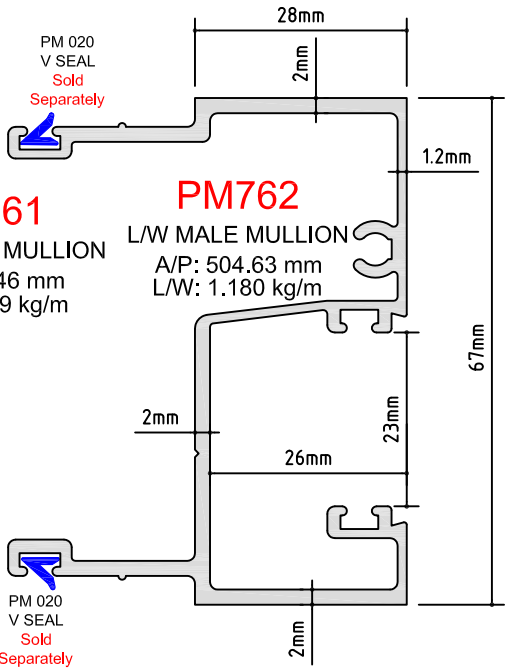
PM748
30mm Jamb
A/P: 420.00 mm
L/W: 0.795 kg/m



PM749
33mm REVEAL JAMB
A/P: 428.75 mm
L/W: 0.892 kg/m
NON STOCKED ITEM



PM761
L/W FEMALE MULLION
A/P: 427.46 mm
L/W: 0.979 kg/m



PM762
L/W MALE MULLION
A/P: 504.63 mm
L/W: 1.180 kg/m

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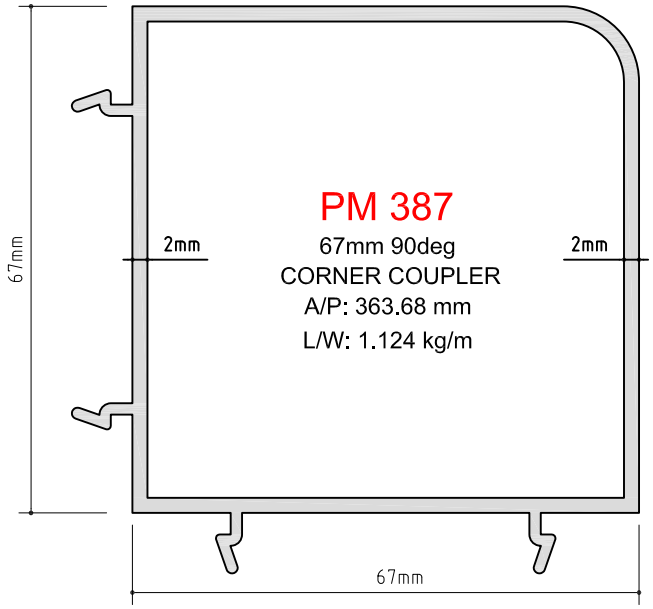
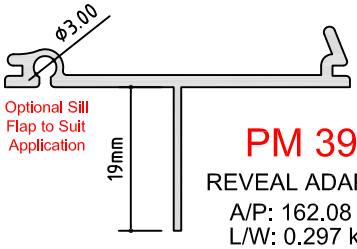
2001-SERIES

67mm x 45mm
FRONT GLAZED FRAME SECTIONS

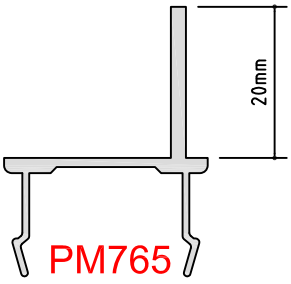
SCALE 1:1



PM 387
67mm 90deg
CORNER COUPLER
A/P: 363.68 mm
L/W: 1.124 kg/m



PM 395
REVEAL ADAPTOR
A/P: 162.08 mm
L/W: 0.297 kg/m



PM765
AWNING SASH ADAPTOR
A/P: 157.98 mm
L/W: 0.301 kg/m

PM764
67mm
DG POCKET FILLER
A/P: 114.52 mm
L/W: 0.185 kg/m

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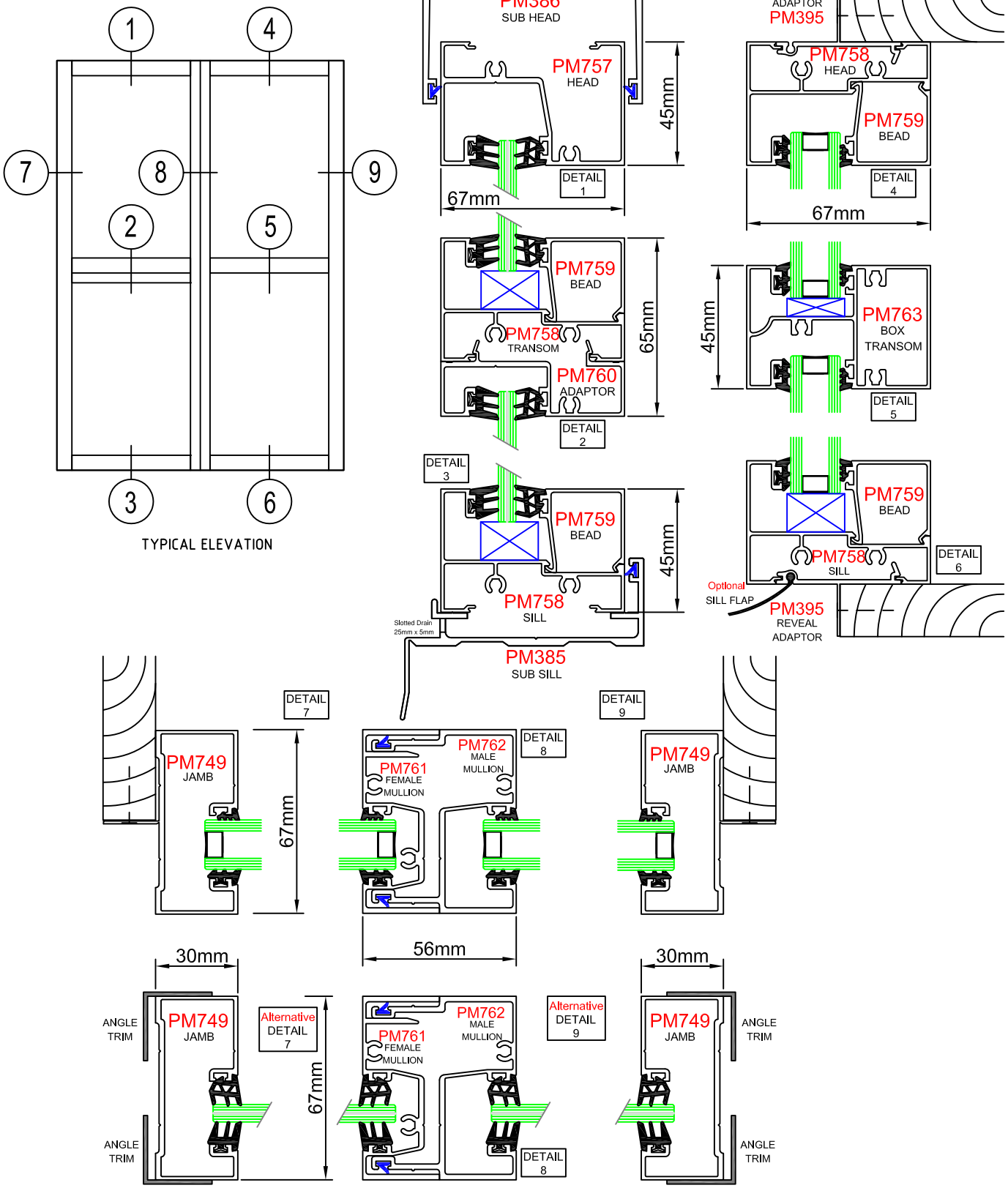
2001-SERIES

67mm x 45mm FRONT GLAZED FRAME ASSEMBLY DETAILS

SCALE 1:2



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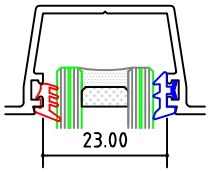
2001-SERIES

67mm x 45mm FRONT GLAZED FRAME
GLAZING DETAILS - 23mm POCKET

ROLL IN WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
6.00mm	PM009	PM009
6.38mm		
10.00mm	PM004	PM004
10.38mm		
12.00mm	PM006	PM007
12.50mm		
14mm DGU	PM005	PM007
16mm DGU	PM005	PM005
18mm DGU	PM008	PM008



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Captive Wedge	Roll-in Wedge
6.00mm	PM000	PM009
6.38mm		
10.00mm	PM001	PM004
10.38mm		
12.00mm	PM001	PM007
12.50mm		
14mm DGU	PM002	PM006
16mm DGU	PM002	PM005
18mm DGU	PM003	PM008

WEDGE TYPES (P.V.C MATERIAL)

									
Green Back	White Back	Red Back	Blue Back						
Captive Part No:	Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 000	PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008	PM 009

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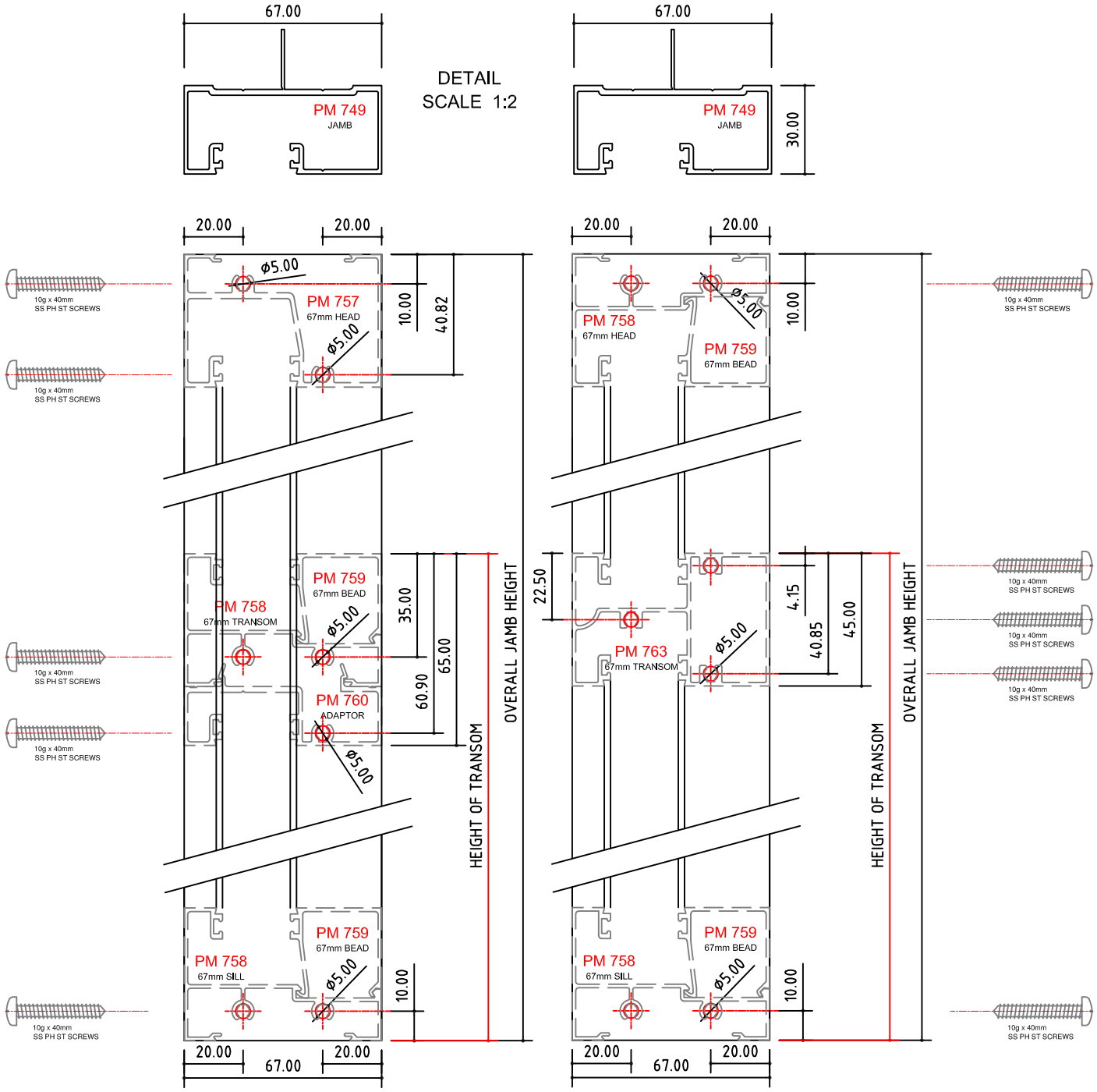
2001-SERIES

67mm x 45mm FRONT GLAZED FRAME MACHINING DETAILS



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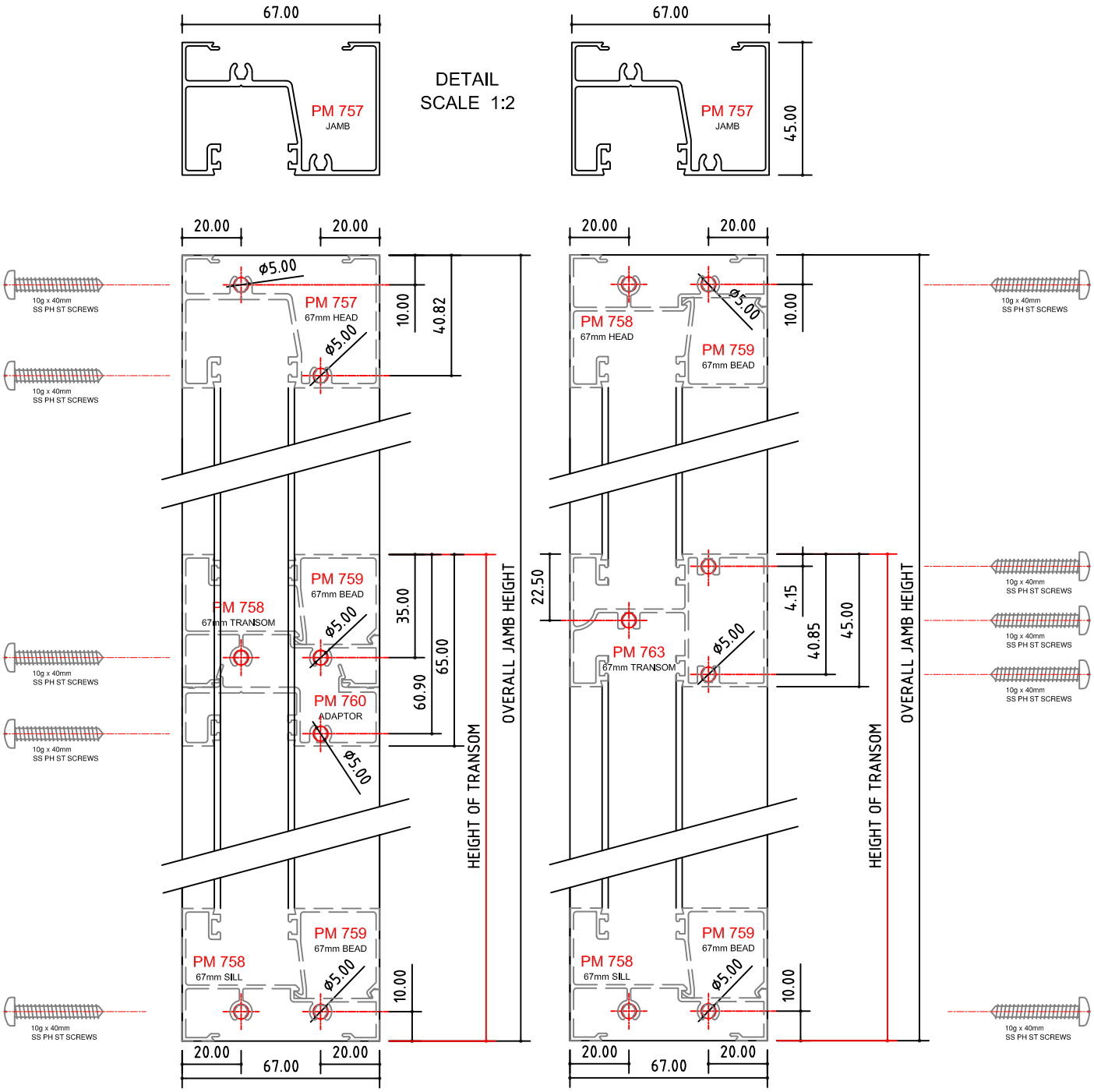
2001-SERIES

67mm x 45mm FRONT GLAZED FRAME MACHINING DETAILS



NOTES:

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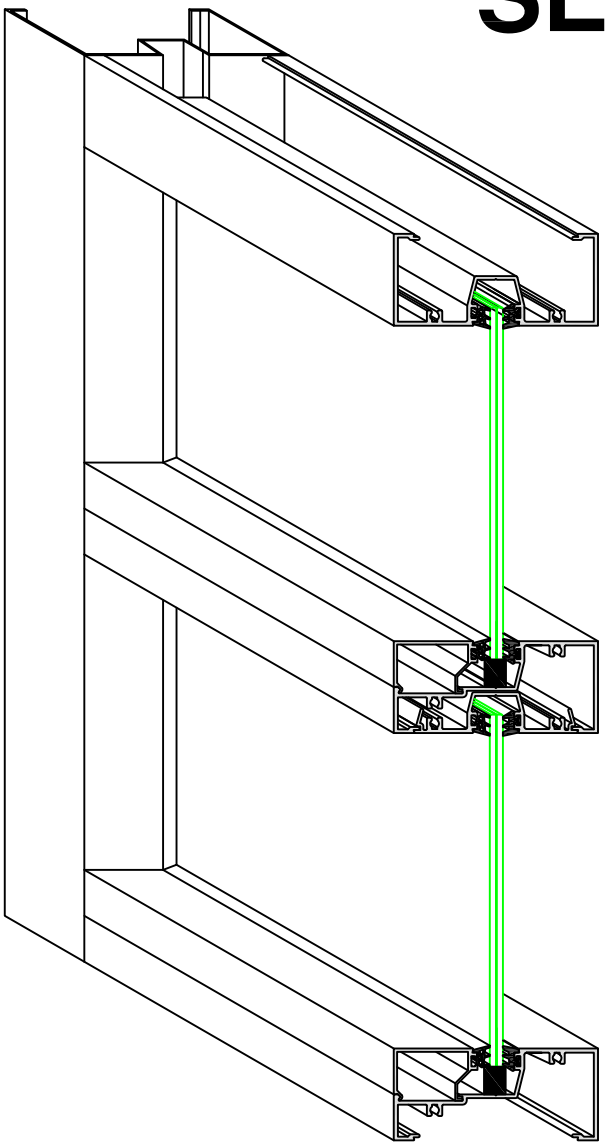
SECTION: B



2002 SERIES - 100mm FRAME

18mm Centre Pocket
Single Glazing
up to 14mm

Pages: B01 to B10

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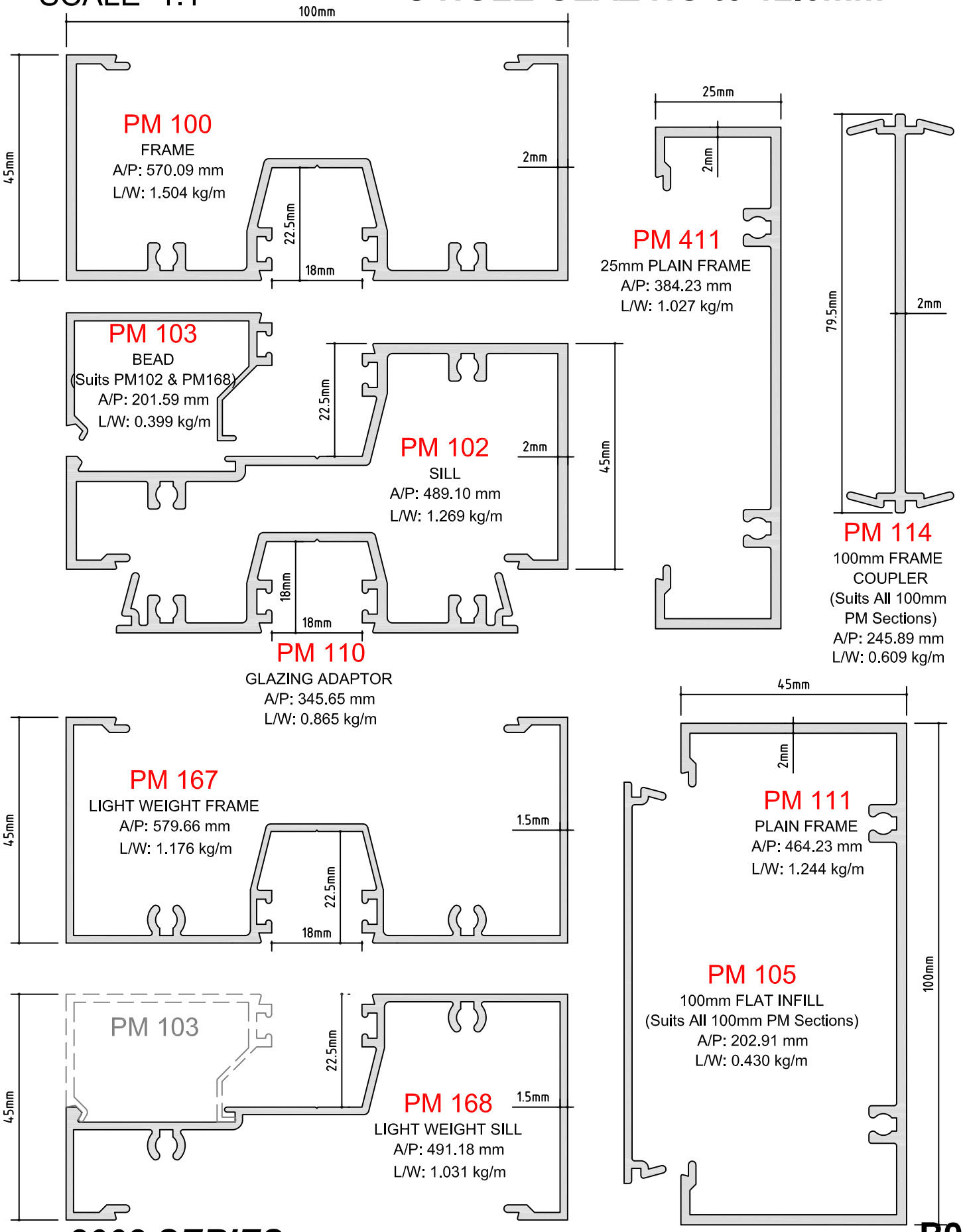
2002-SERIES

100mm x 45mm CENTRE GLAZED FRAME
18mm GLAZING POCKET
SINGLE GLAZING to 12.5mm

SCALE 1:1



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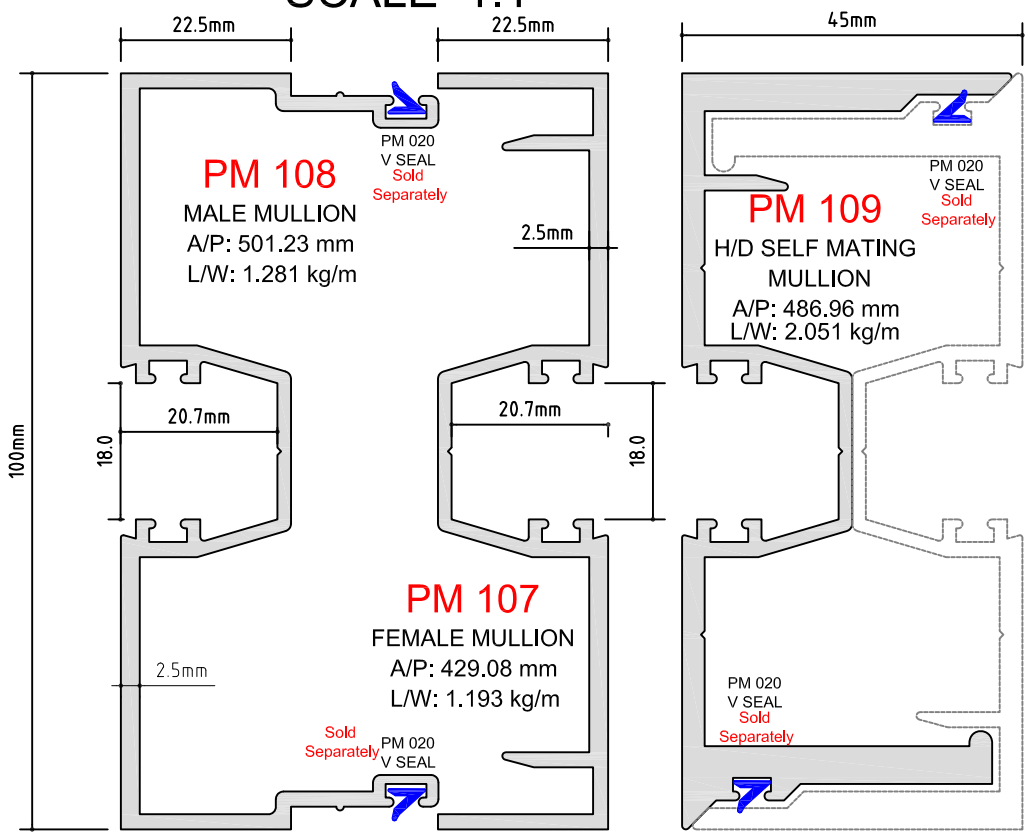
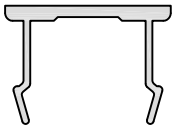
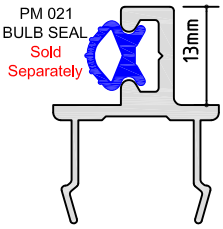
2002-SERIES
100mm x 45mm CENTRE GLAZED FRAME
18mm GLAZING POCKET
Single Glazing to 12.5mm

SCALE 1:1

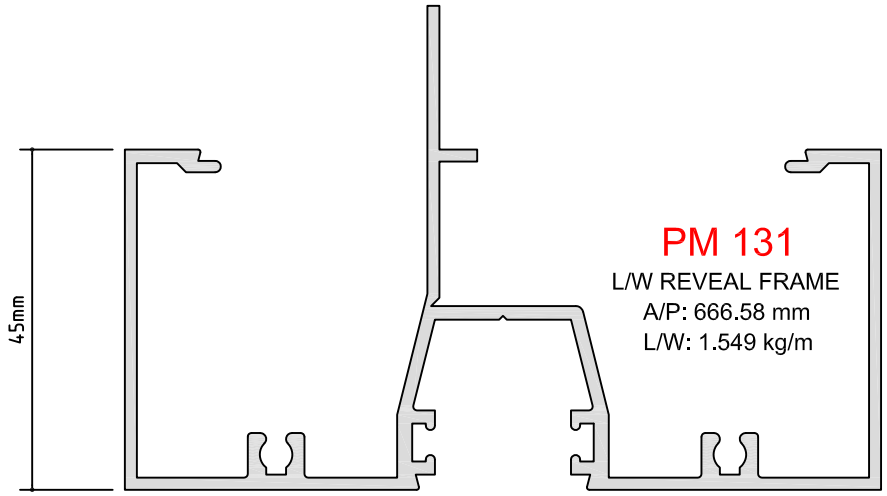


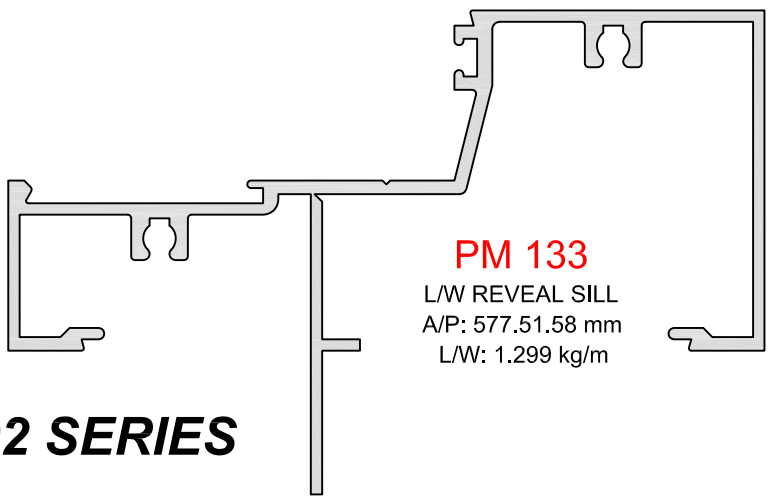


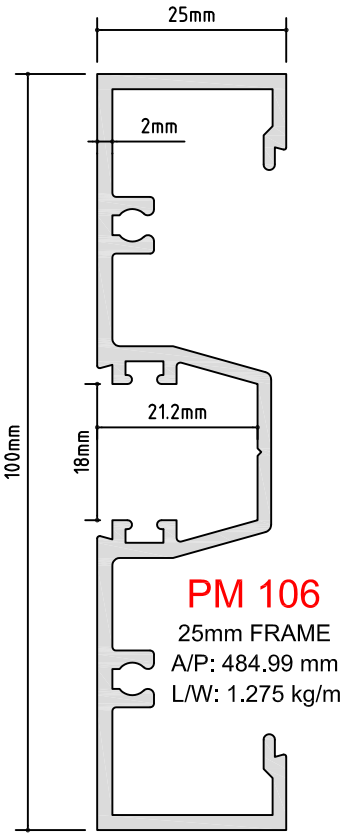
PM 116
POCKET INFILL
A/P: 104.23 mm
L/W: 0.177 kg/m



PM 117
45mm DOOR STOP
A/P: 143.11 mm
L/W: 0.311 kg/m







PM 106
25mm FRAME
A/P: 484.99 mm
L/W: 1.275 kg/m

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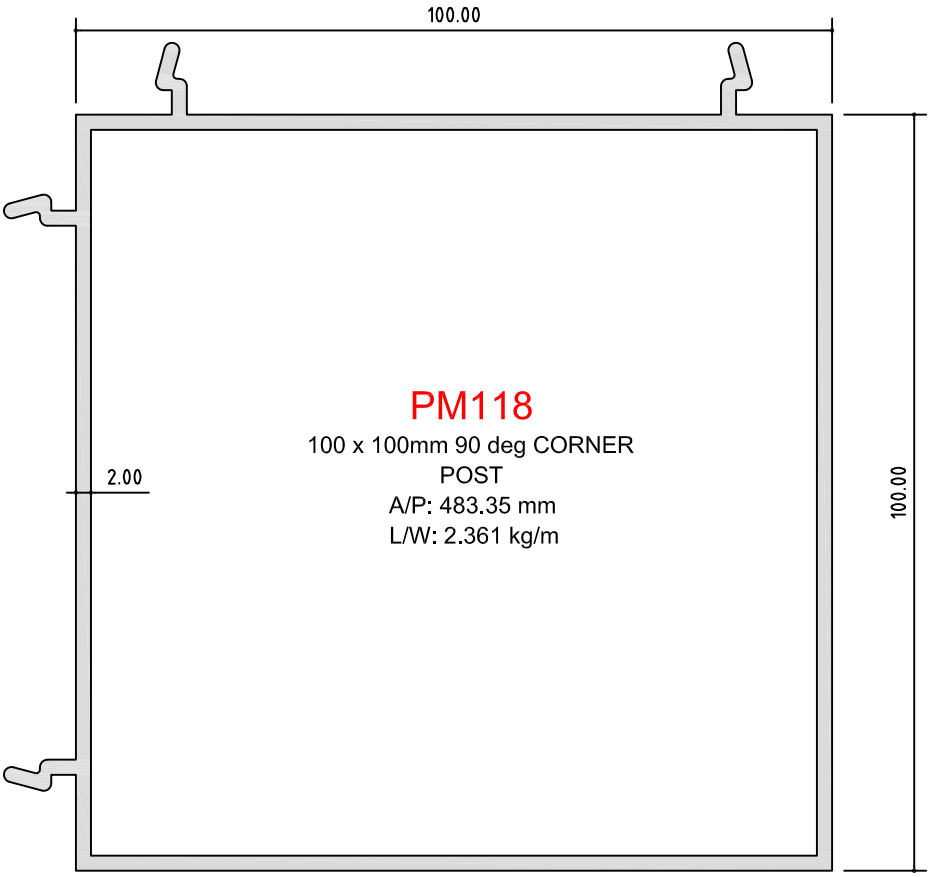
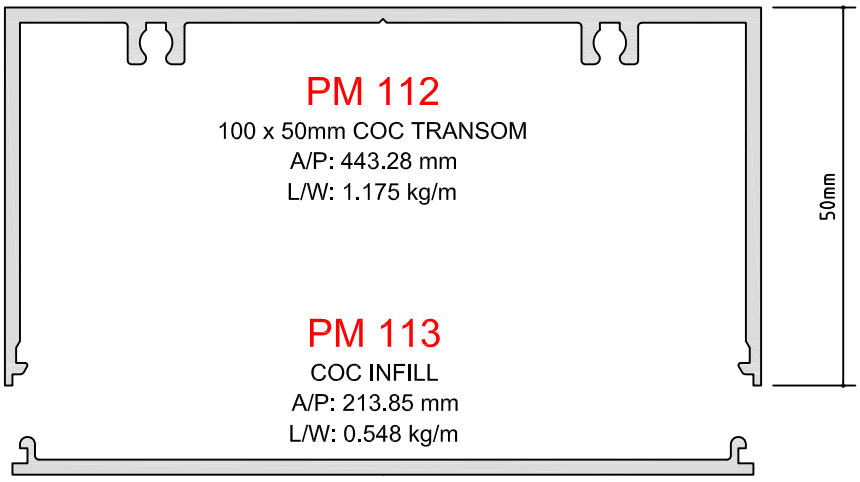
2002-SERIES

100mm x 45mm CENTRE GLAZED FRAME
18mm GLAZING POCKET
Single Glazing to 12.5mm



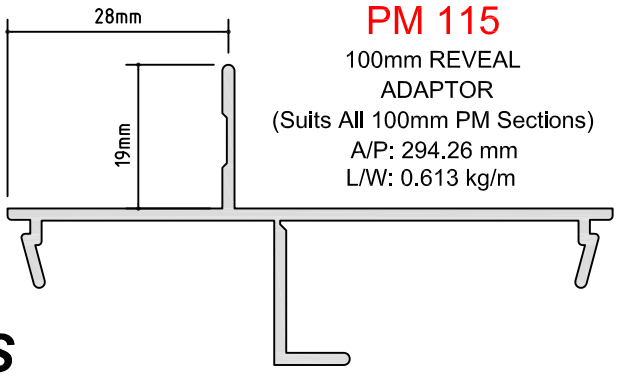
PM118
100 x 100mm 90 deg CORNER POST
A/P: 483.35 mm
L/W: 2.361 kg/m

SCALE 1:1



PM 112
100 x 50mm COC TRANSOM
A/P: 443.28 mm
L/W: 1.175 kg/m

PM 113
COC INFILL
A/P: 213.85 mm
L/W: 0.548 kg/m

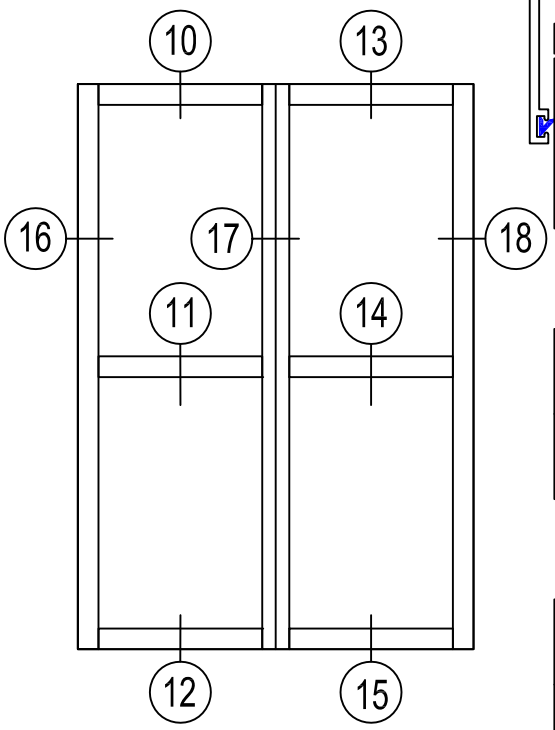


PM 115
100mm REVEAL ADAPTOR
(Suits All 100mm PM Sections)
A/P: 294.26 mm
L/W: 0.613 kg/m

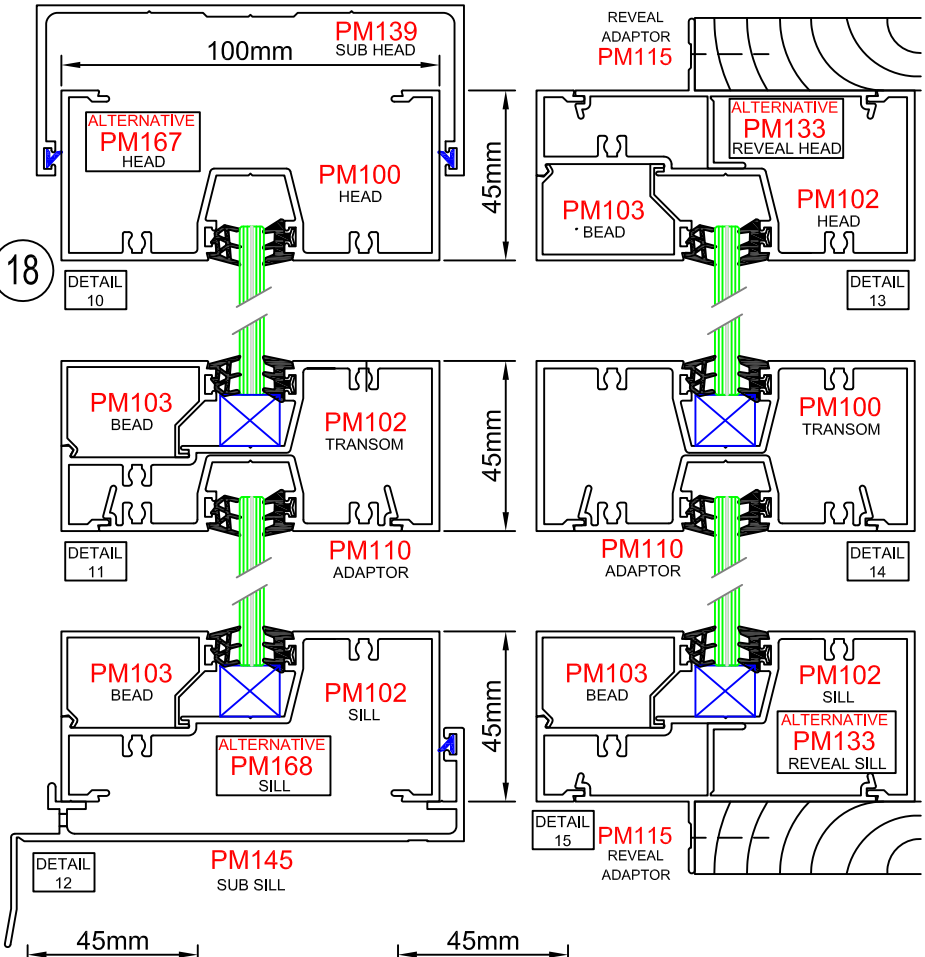
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

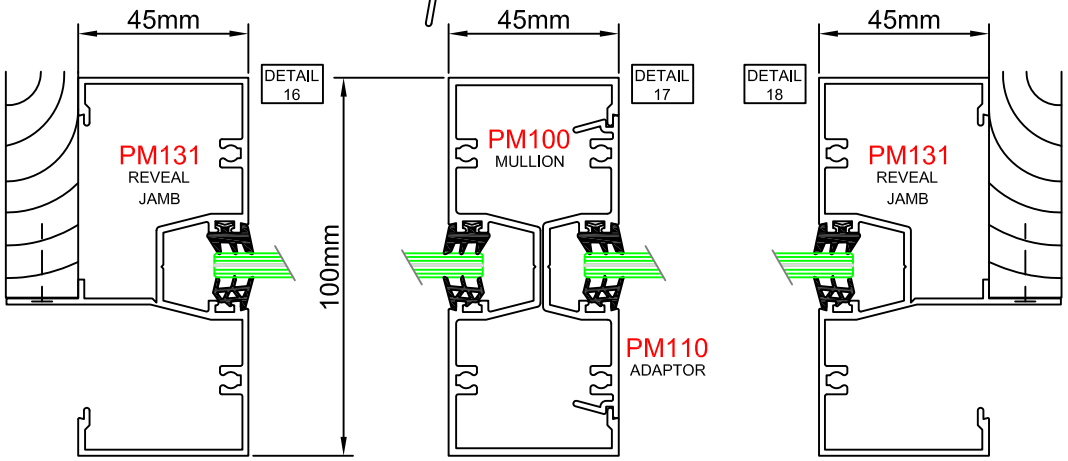
2002-SERIES
100mm x 45mm CENTRE GLAZED FRAME ASSEMBLY DETAILS

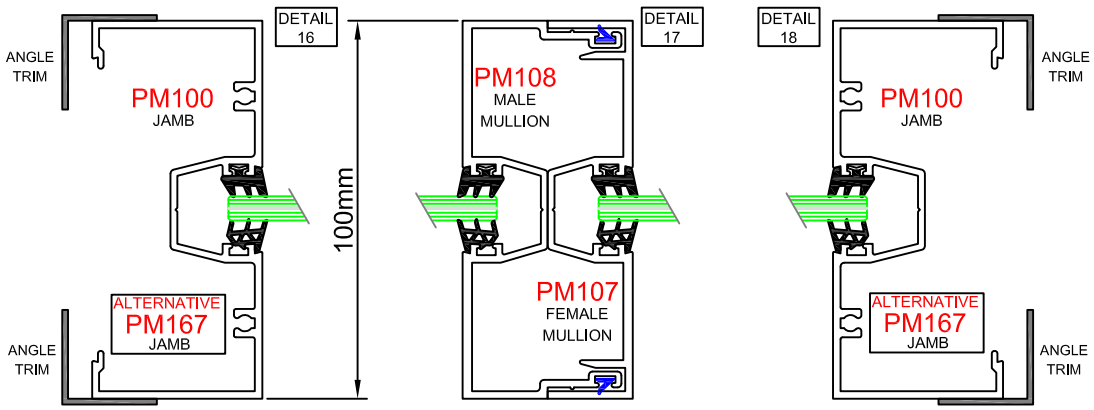
SCALE 1:2



TYPICAL ELEVATION

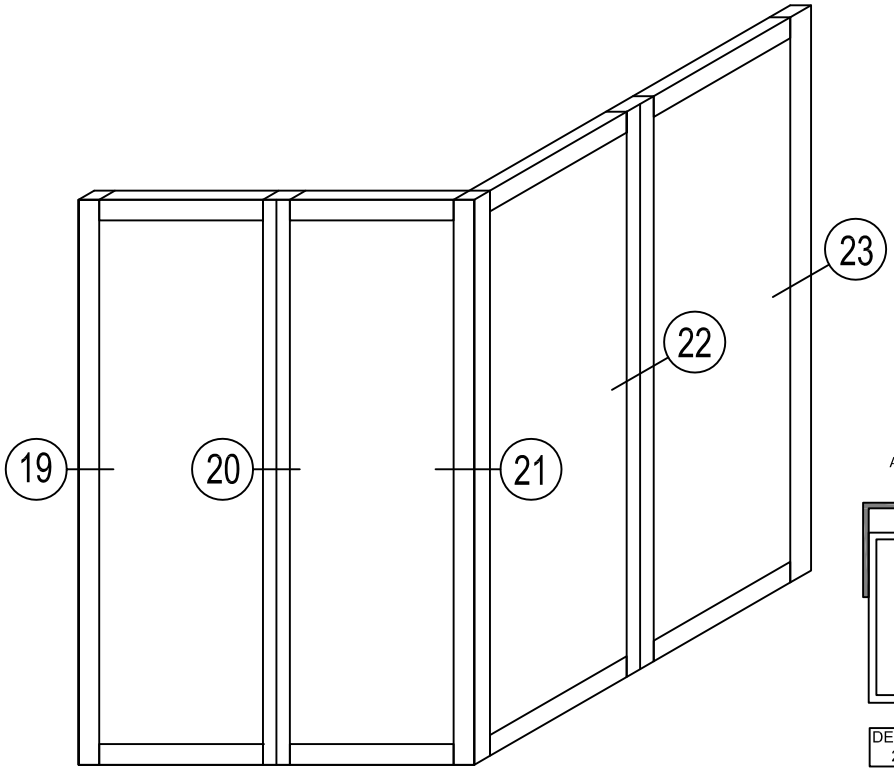






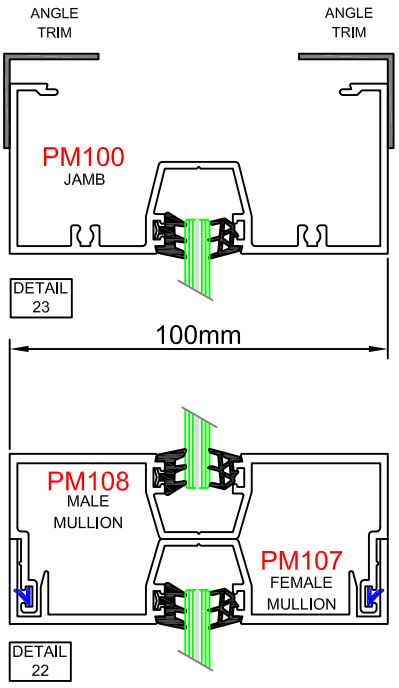
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

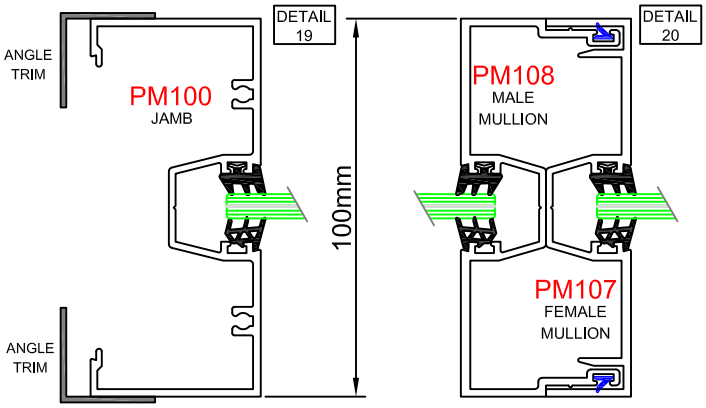
2002-SERIES
100mm x 45mm CENTRE GLAZED FRAME
18mm GLAZING POCKET
Single Glazing to 12.5mm

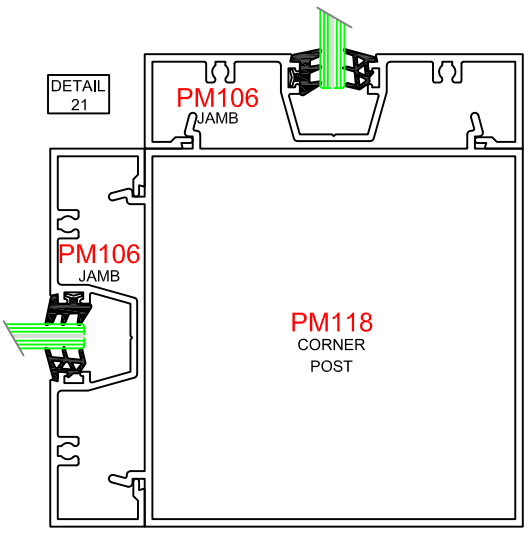


TYPICAL ELEVATION

SCALE 1:2





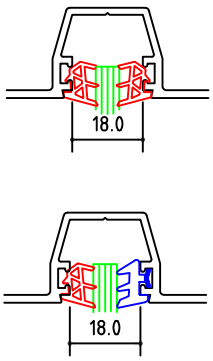


PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2002-SERIES
100mm x 45mm CENTRE GLAZED FRAME
GLAZING DETAILS

ROLL IN WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
5.00mm	PM 004	PM 004
6.00mm	PM 006	PM 006
6.38mm	PM 006	PM 006
8.00mm	PM 007	PM 007
8.38mm	PM 007	PM 007
10.00mm	PM 005	PM 005
10.38mm	PM 005	PM 005



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Captive Wedge	Roll-in Wedge
6.00mm	PM 001	PM 000
6.38mm	PM 001	PM 000
8.00mm	PM 001	PM 000
8.38mm	PM 001	PM 000
10.00mm	PM 001	PM 004
10.38mm	PM 002	PM 004

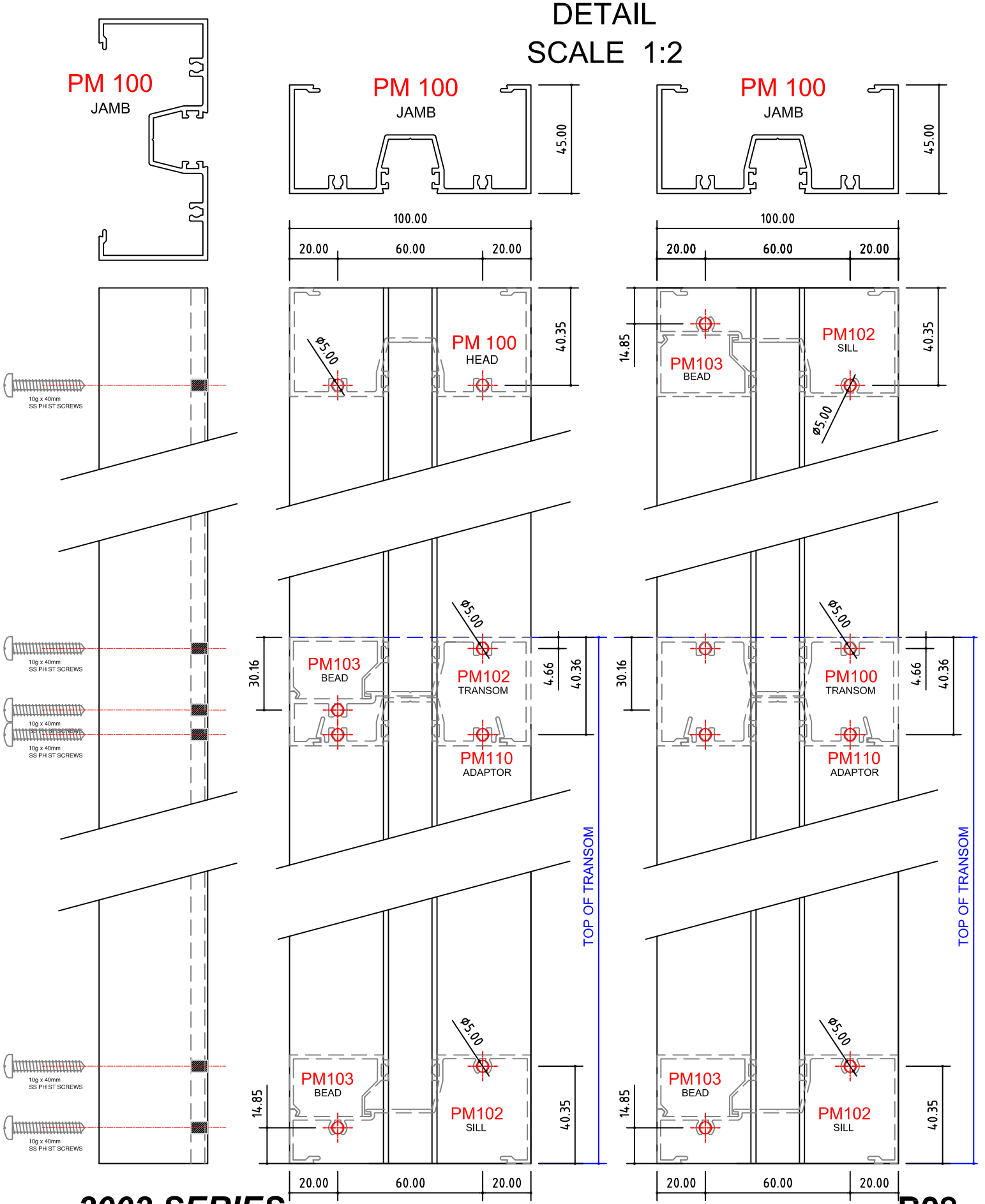
WEDGE TYPES (P.V.C MATERIAL)

 White Back	 Red Back	 Blue Back					
Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2002-SERIES
100mm x 45mm CENTRE GLAZED FRAME
PM100 JAMB MACHINING DETALS

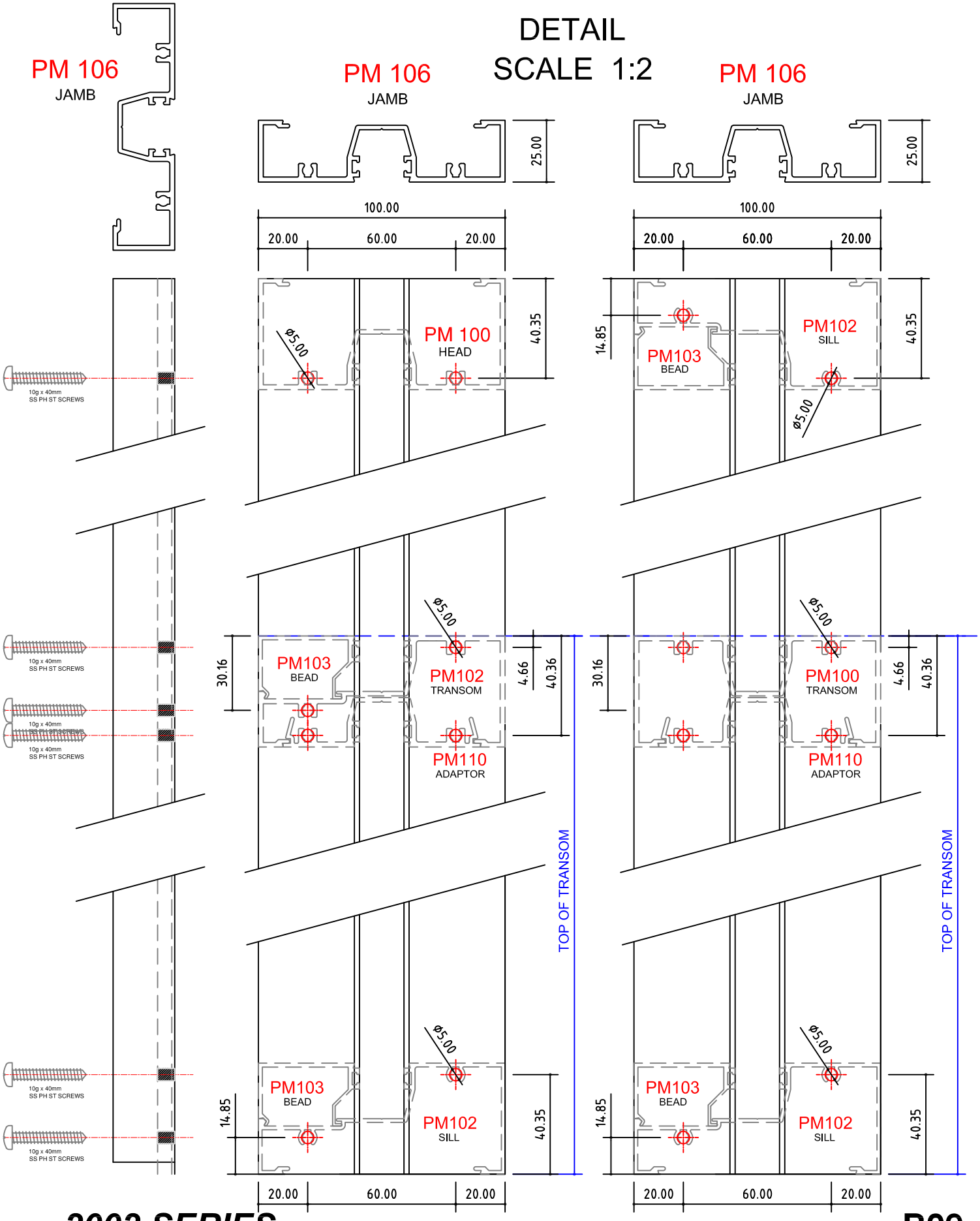
DETAIL
SCALE 1:2



PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2002-SERIES
100mm x 45mm CENTRE GLAZED FRAME
PM106 JAMB MACHINING DETALS

DETAIL
SCALE 1:2



NOTES:

PRESS METAL
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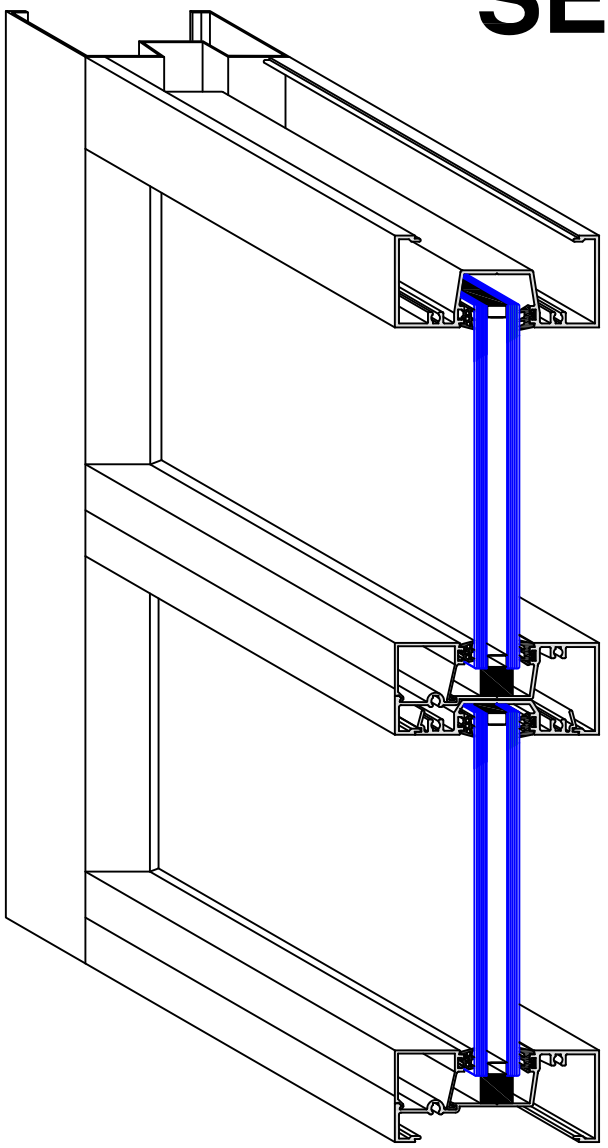
www.pressmetal.com.au

SECTION: C



2003 SERIES - 100mm FRAME

32mm Centre Pocket
Double Glazing
up to 28mm

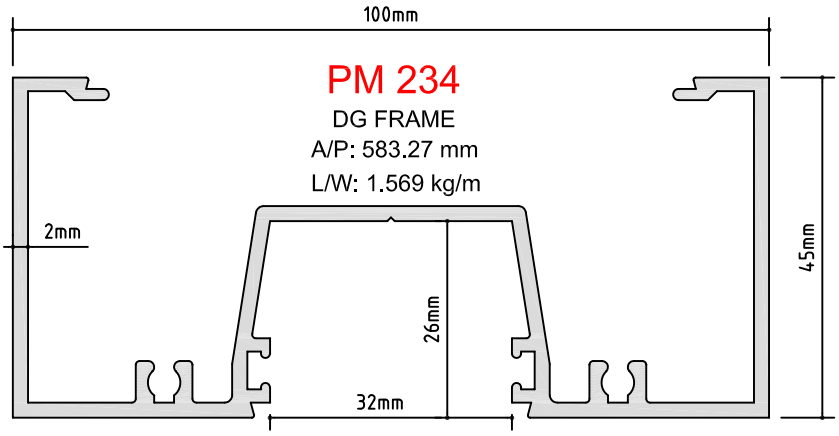
Pages: C01 to C06

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

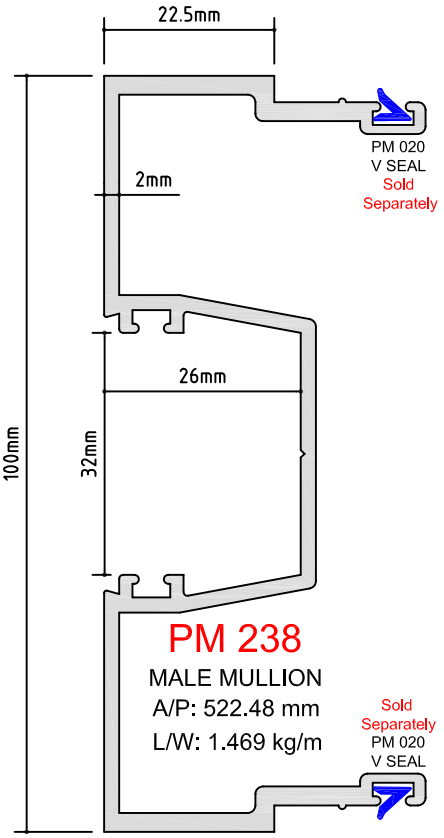
2003-SERIES

100mm x 45mm CENTRE GLAZED FRAME
32mm GLAZING POCKET
DOUBLE GLAZING to 28mm

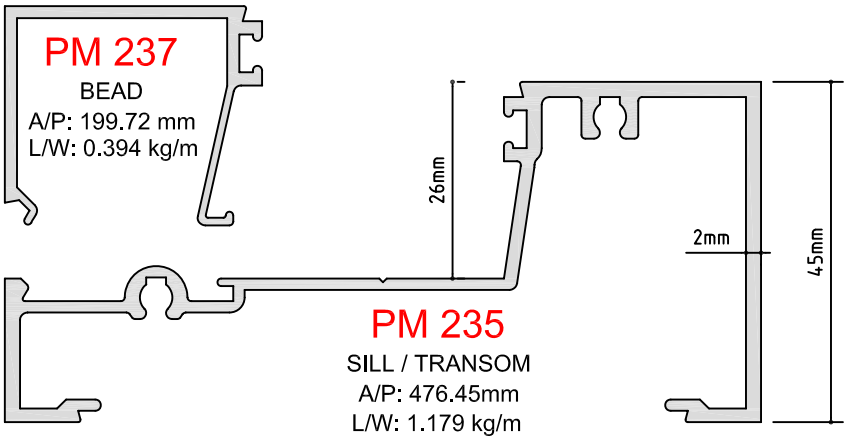
SCALE 1:1



PM 234
DG FRAME
A/P: 583.27 mm
L/W: 1.569 kg/m

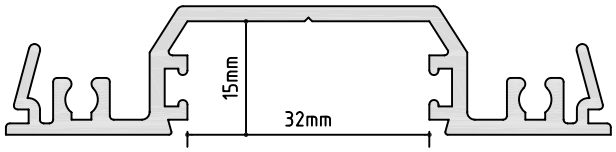


PM 238
MALE MULLION
A/P: 522.48 mm
L/W: 1.469 kg/m
Sold Separately PM 020 V SEAL

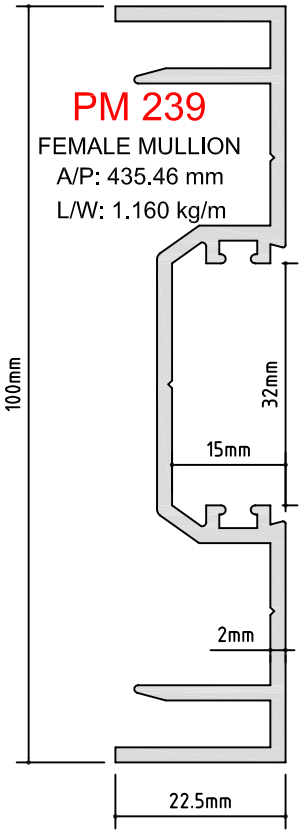


PM 237
BEAD
A/P: 199.72 mm
L/W: 0.394 kg/m

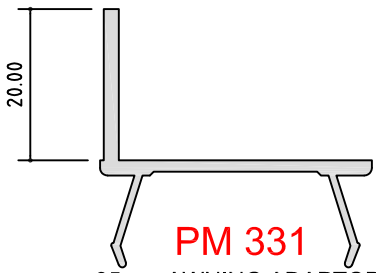
PM 235
SILL / TRANSOM
A/P: 476.45mm
L/W: 1.179 kg/m



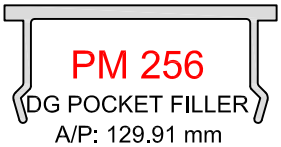
PM 236
GLAZING ADAPTOR
A/P: 330.53 mm
L/W: 0.848 kg/m



PM 239
FEMALE MULLION
A/P: 435.46 mm
L/W: 1.160 kg/m



PM 331
35mm AWNING ADAPTOR
A/P: 165.77 mm
L/W: 0.342 kg/m

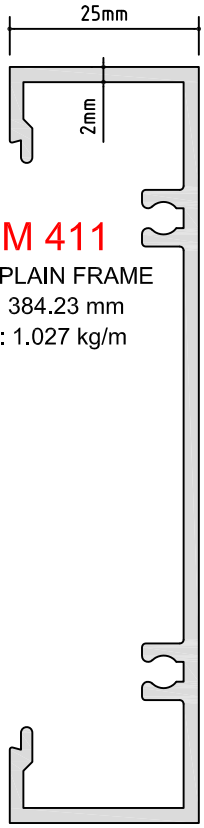


PM 256
DG POCKET FILLER
A/P: 129.91 mm
L/W: 0.254 kg/m

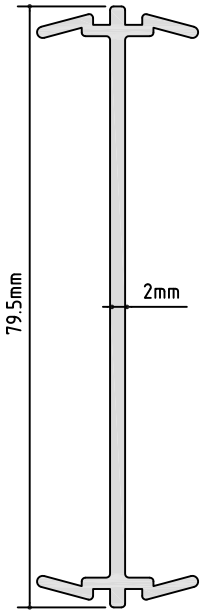
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2003-SERIES

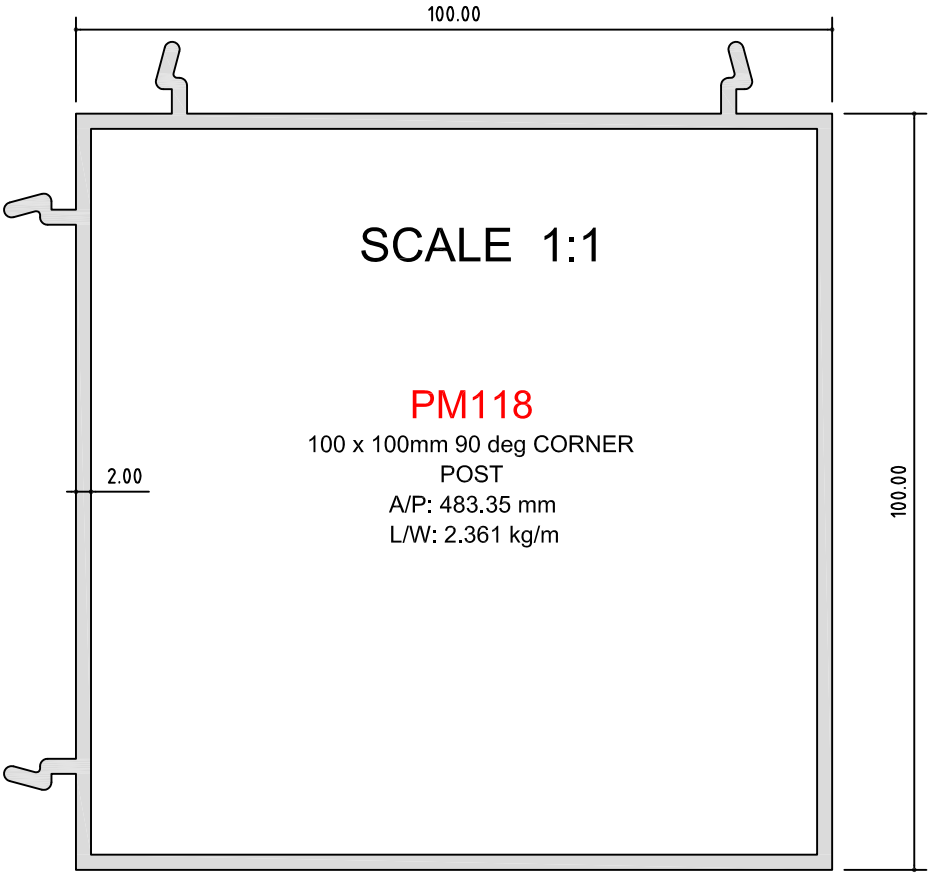
100mm x 45mm CENTRE GLAZED FRAME
32mm GLAZING POCKET
DOUBLE GLAZING to 28mm



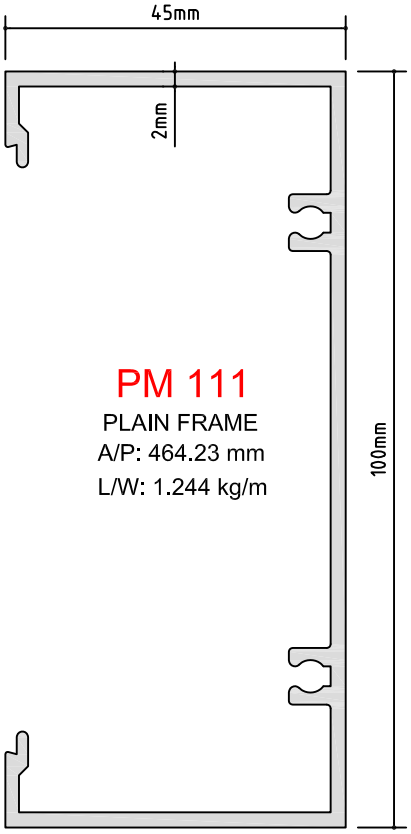
PM 411
25mm PLAIN FRAME
A/P: 384.23 mm
L/W: 1.027 kg/m



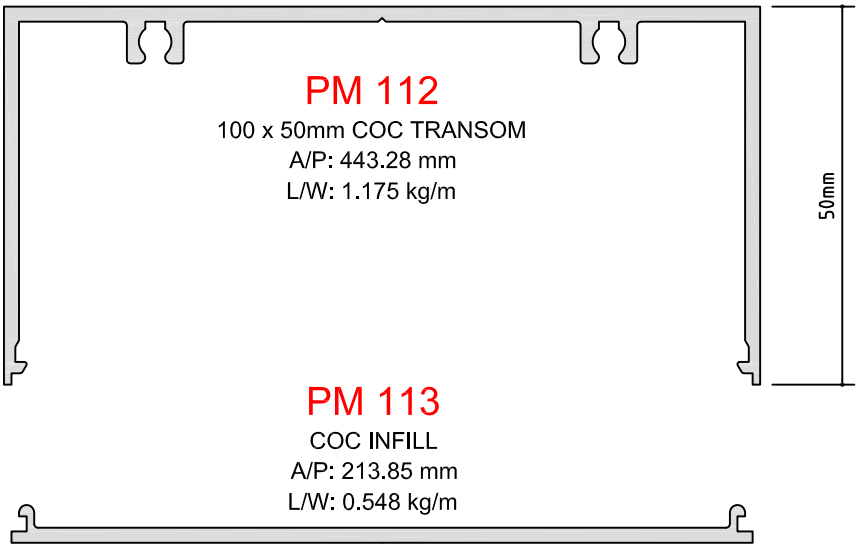
PM 114
100mm FRAME COUPLER
(Suits All 100mm PM Sections)
A/P: 245.89 mm
L/W: 0.609 kg/m



PM118
100 x 100mm 90 deg CORNER POST
A/P: 483.35 mm
L/W: 2.361 kg/m



PM 111
PLAIN FRAME
A/P: 464.23 mm
L/W: 1.244 kg/m

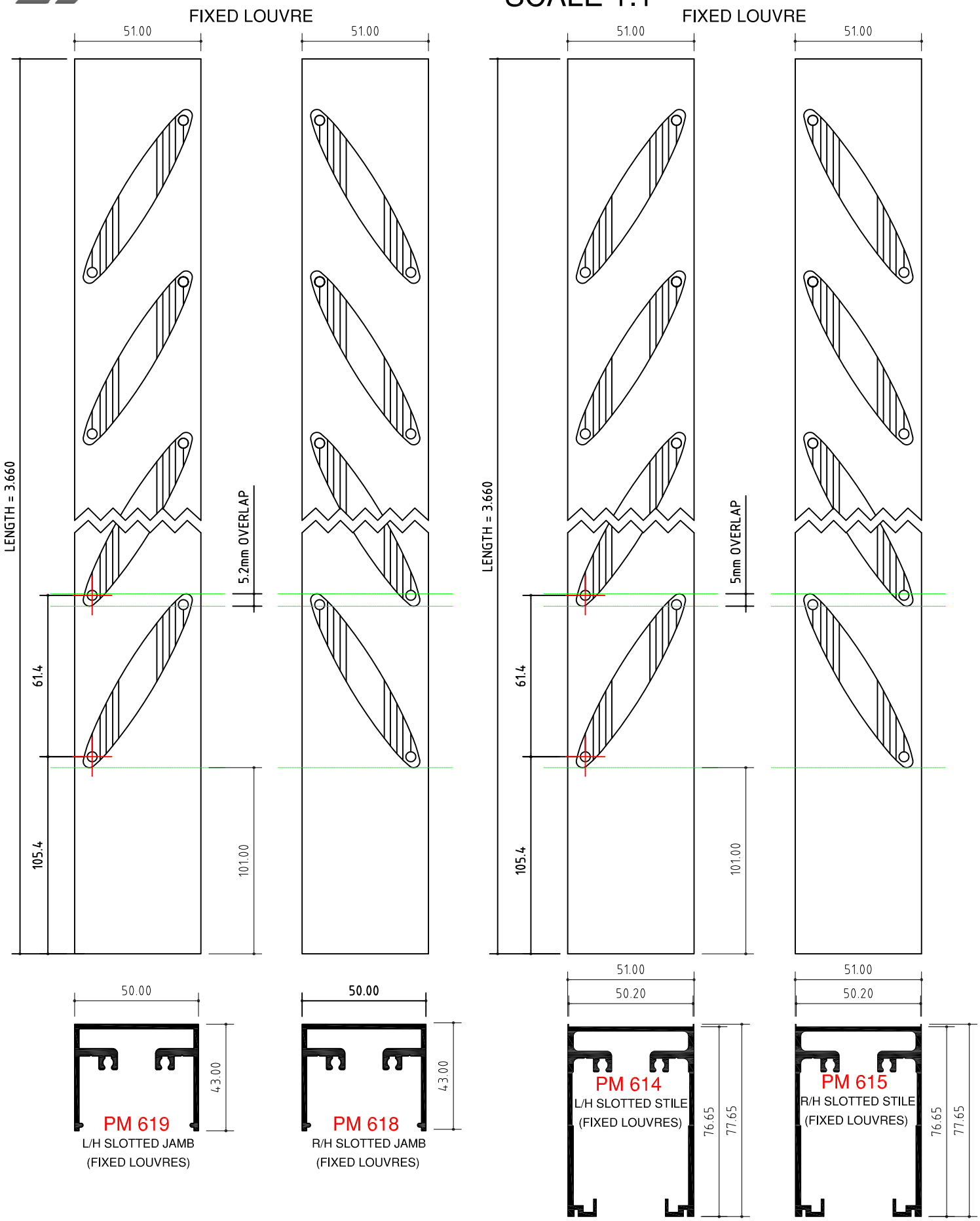


PM 112
100 x 50mm COC TRANSOM
A/P: 443.28 mm
L/W: 1.175 kg/m

PM 113
COC INFILL
A/P: 213.85 mm
L/W: 0.548 kg/m

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pmaa.net.au

FIXED PANEL EXTRUSIONS
SCALE 1:1



PLEASE REFER TO SECTION "F" FOR BLADE POSITIONING TABLES
(Distance from Top & Bottom of Stile Lengths)

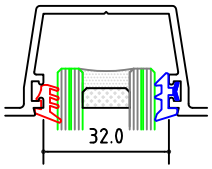
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2003-SERIES

100mm x 45mm CENTRE GLAZED FRAME GLAZING DETAILS

ROLL IN WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
10.00mm	PM004	PM004
10.38mm		
12.00mm	PM006	PM007
12.50mm		
14mm DGU	PM005	PM007
16mm DGU	PM005	PM005
18mm DGU	PM008	PM008



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
10.00mm	PM001	PM004
10.38mm		
12.00mm	PM001	PM007
12.50mm		
14mm DGU	PM002	PM006
16mm DGU	PM002	PM005
18mm DGU	PM003	PM008

WEDGE TYPES (P.V.C MATERIAL)

 White Back	 Red Back	 Blue Back					
Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

PRESS METAL
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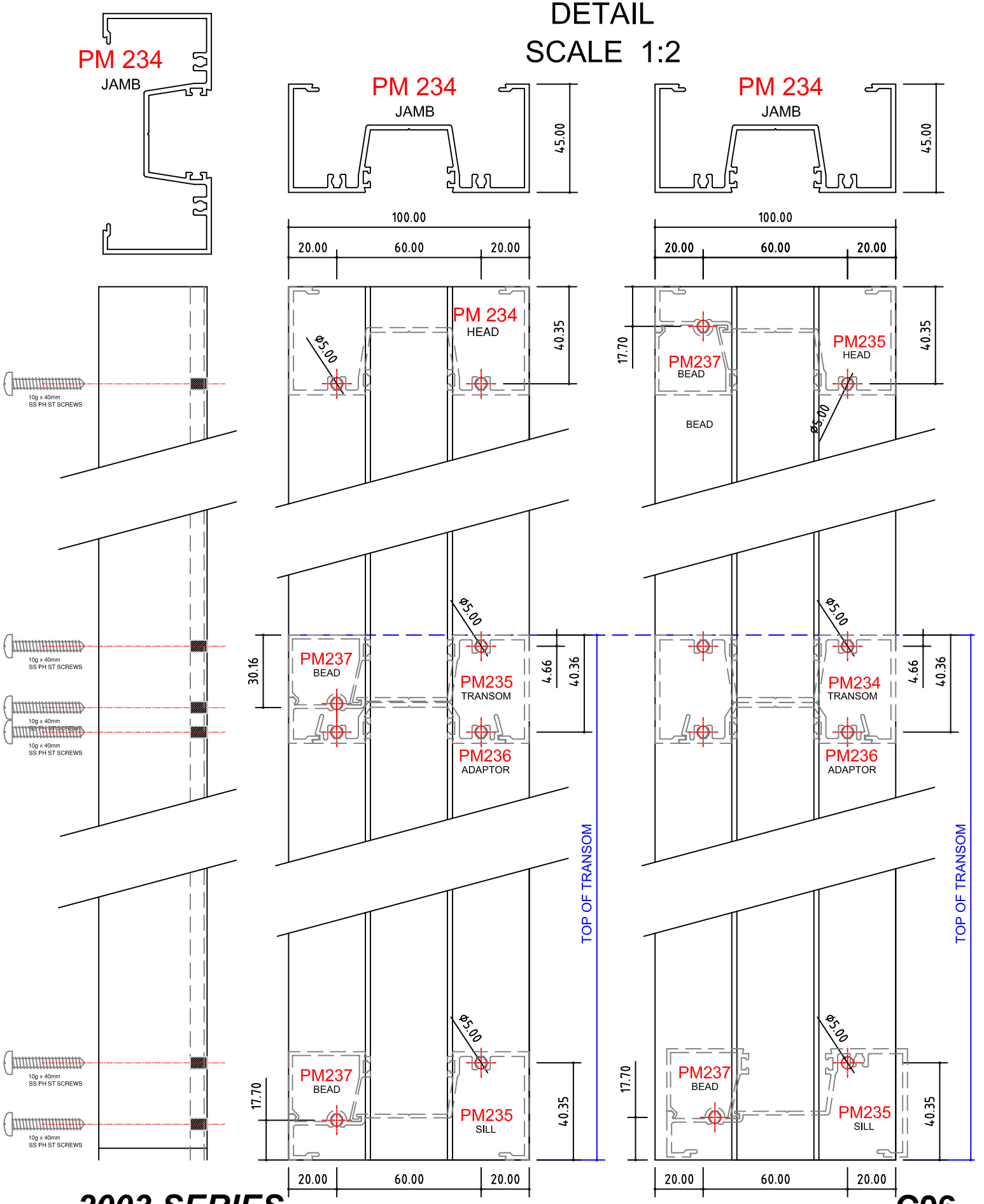
2003-SERIES

100mm x 45mm CENTRE GLAZED FRAME MACHINING DETAILS

DETAIL
SCALE 1:2



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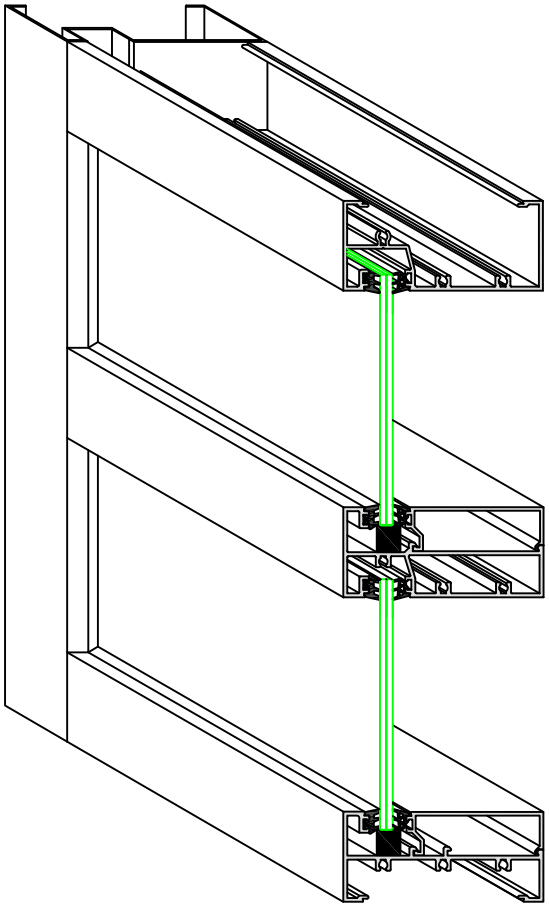
SECTION: D



2005 SERIES - 100mm FRAME

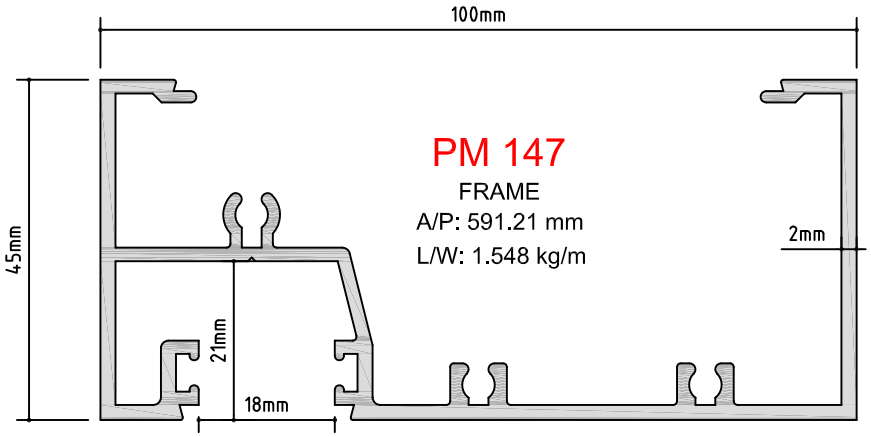
18mm Front Pocket
Single Glazing
up to 14mm

Pages: D01 to D06

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

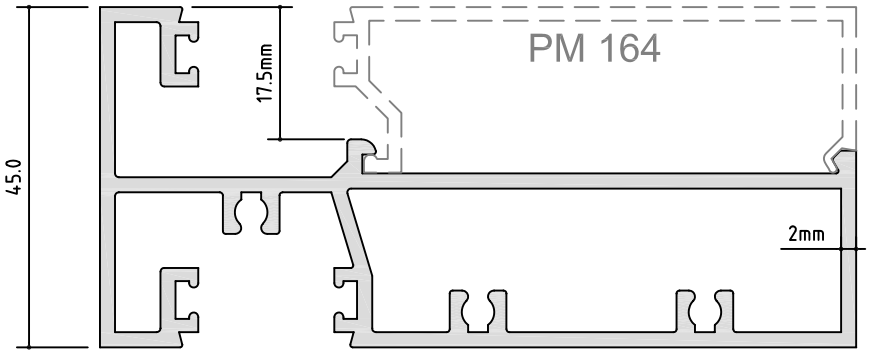
2005-SERIES

100mm x 45mm FRONT GLAZED FRAME
18mm GLAZING POCKET
GLAZING to 12.5mm

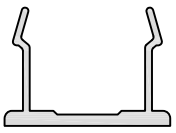


PM 147
FRAME
A/P: 591.21 mm
L/W: 1.548 kg/m

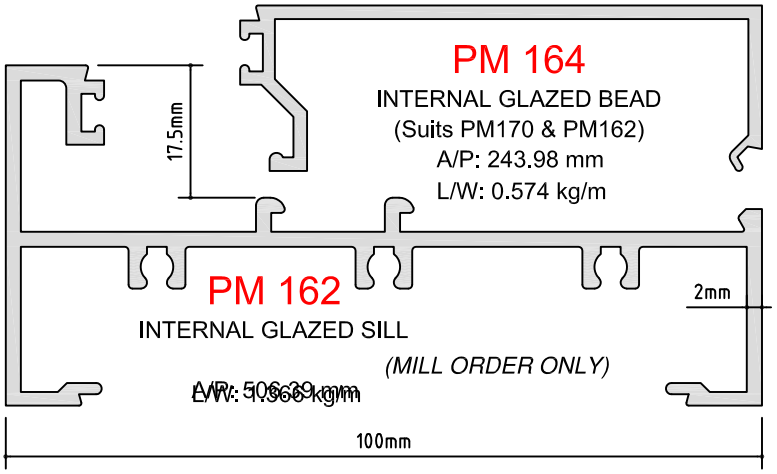
SCALE 1:1



PM 170
INTERNAL GLAZED
TRANSOM
A/P: 475.35 mm
L/W: 1.871 kg/m



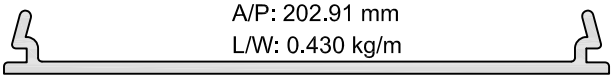
PM 116
POCKET INFILL
A/P: 104.23 mm
L/W: 0.177 kg/m



PM 164
INTERNAL GLAZED BEAD
(Suits PM170 & PM162)
A/P: 243.98 mm
L/W: 0.574 kg/m

PM 162
INTERNAL GLAZED SILL
(MILL ORDER ONLY)
A/P: 506.39 mm
L/W: 1.968 kg/m

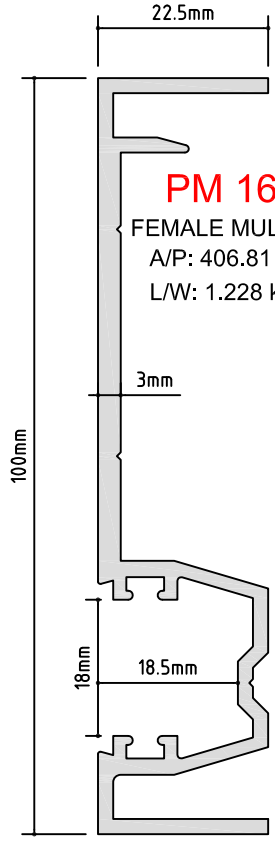
PM 105
100mm FLAT INFILL
(Suits PM147 & PM162)
A/P: 202.91 mm
L/W: 0.430 kg/m



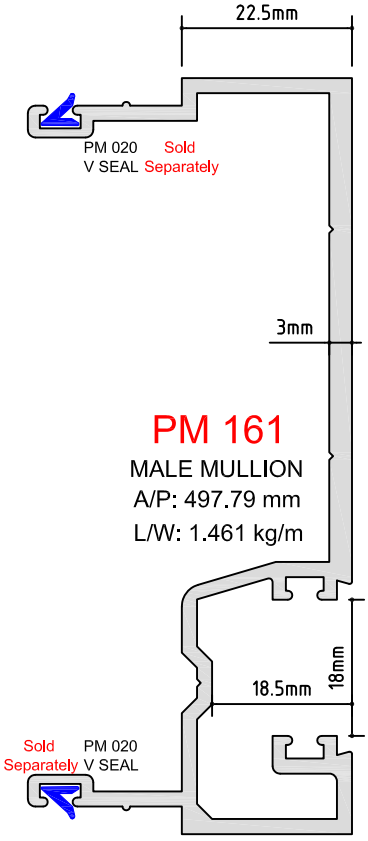
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2005-SERIES

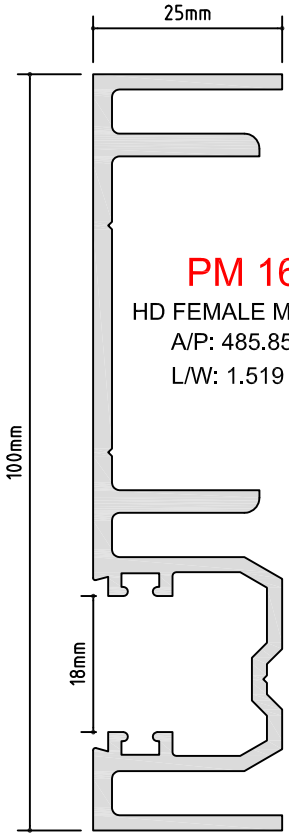
100mm x 45mm FRONT GLAZED FRAME
18mm GLAZING POCKET
GLAZING to 12.5mm



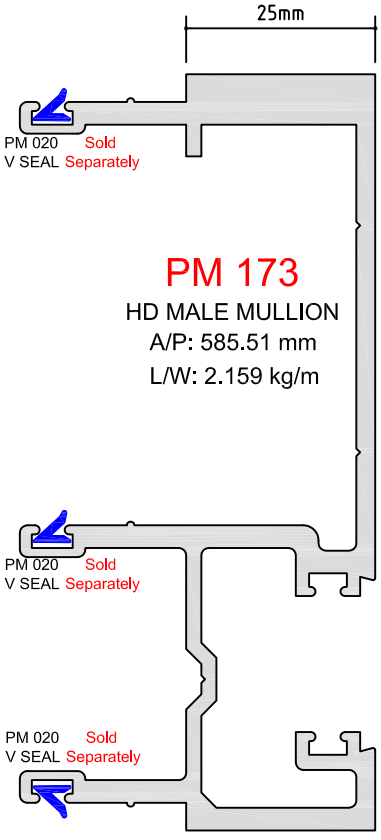
PM 160
FEMALE MULLION
A/P: 406.81 mm
L/W: 1.228 kg/m



PM 161
MALE MULLION
A/P: 497.79 mm
L/W: 1.461 kg/m



PM 169
HD FEMALE MULLION
A/P: 485.85 mm
L/W: 1.519 kg/m



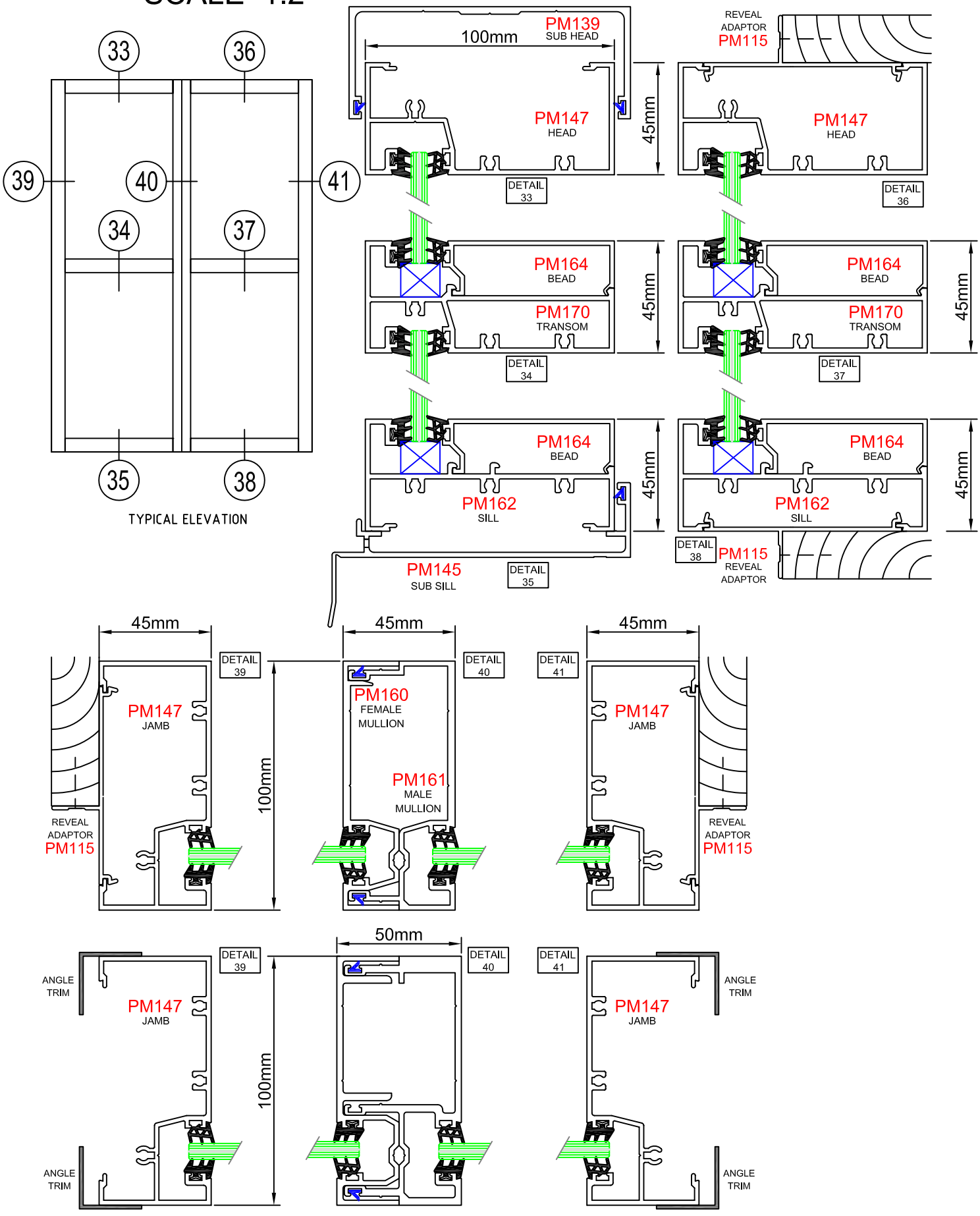
PM 173
HD MALE MULLION
A/P: 585.51 mm
L/W: 2.159 kg/m

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2005-SERIES

100mm x 45mm FRONT GLAZED FRAME ASSEMBLY DETAIL

SCALE 1:2



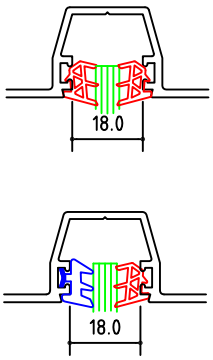
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2005-SERIES

100mm x 45mm FRONT GLAZED FRAME
GLAZING DETAIL

ROLL IN WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
5.00mm	PM 004	PM 004
6.00mm	PM 006	PM 006
6.38mm	PM 006	PM 006
8.00mm	PM 007	PM 007
8.38mm	PM 007	PM 007
10.00mm	PM 005	PM 005
10.38mm	PM 005	PM 005



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Captive Wedge	Roll-in Wedge
6.00mm	PM 001	PM 000
6.38mm	PM 001	PM 000
8.00mm	PM 001	PM 000
8.38mm	PM 001	PM 000
10.00mm	PM 001	PM 004
10.38mm	PM 002	PM 004

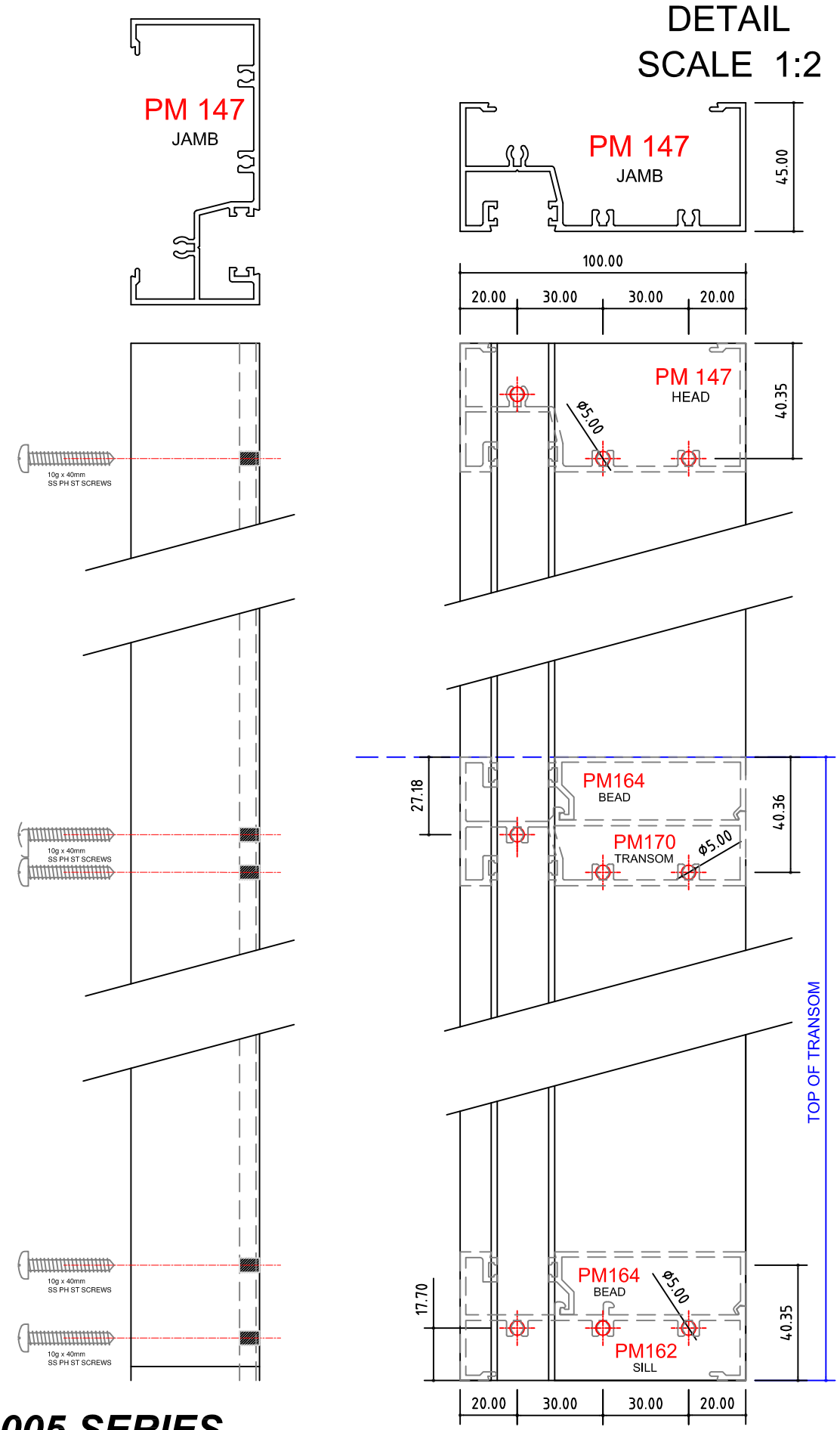
WEDGE TYPES (P.V.C MATERIAL)

 White Back	 Red Back	 Blue Back					
Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

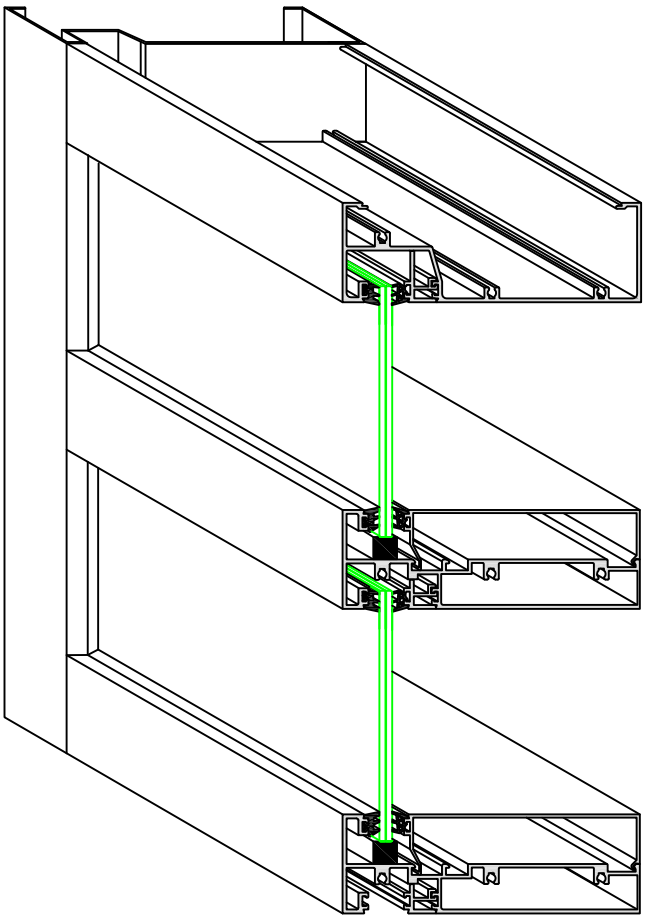
2005-SERIES

100mm x 45mm FRONT GLAZED FRAME MACHINING DETAIL



PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

SECTION: E



2006 SERIES - 150mm FRAME

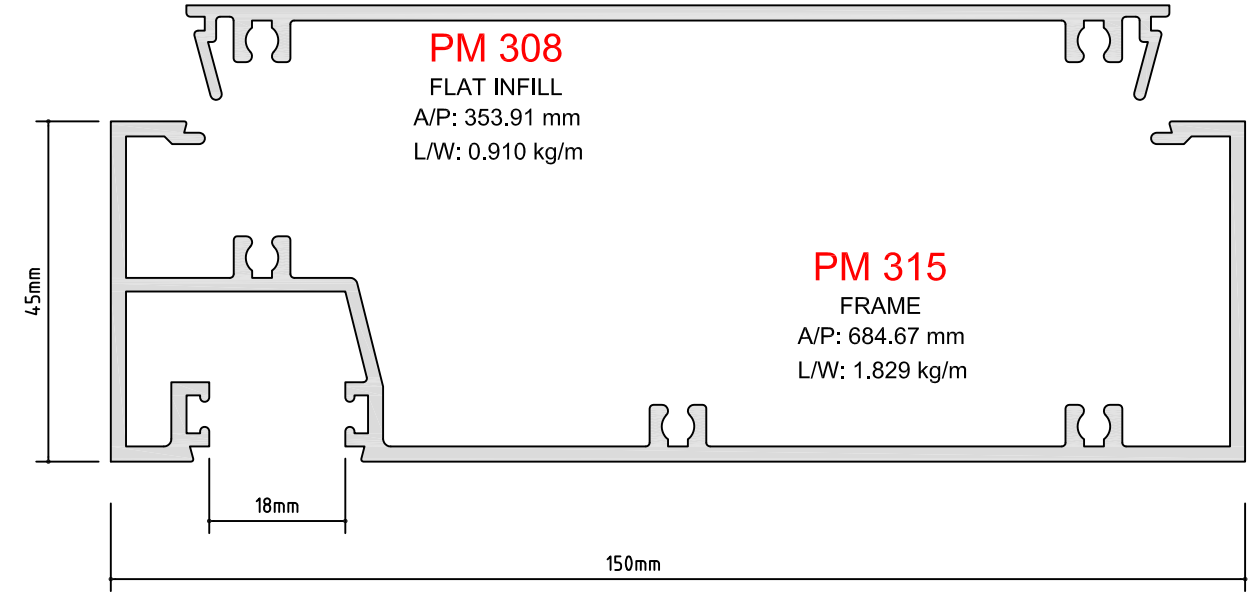
18mm Front Pocket
Single Glazing
up to 12.5mm

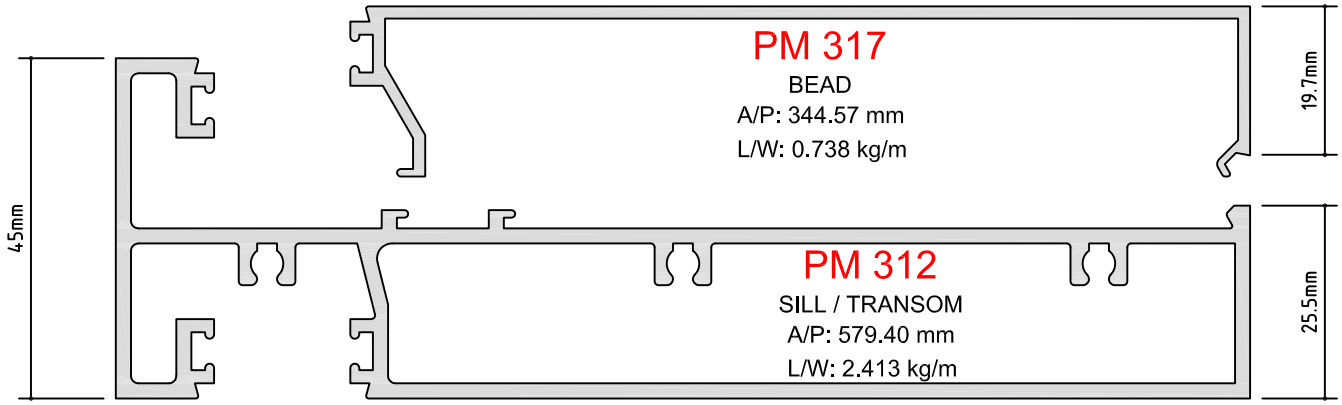
Pages: E01 to E06

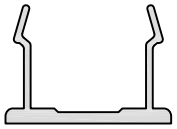
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2006-SERIES

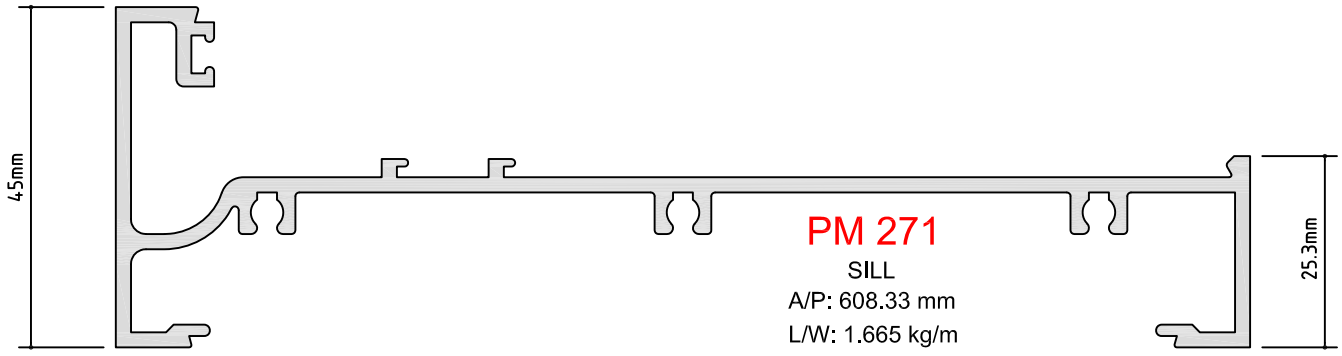
150mm x 45mm FRONT GLAZED FRAME
18mm GLAZING POCKET
GLAZING to 12.5mm







PM 116
POCKET INFILL
A/P: 104.23 mm
L/W: 0.177 kg/m



PRESS METAL
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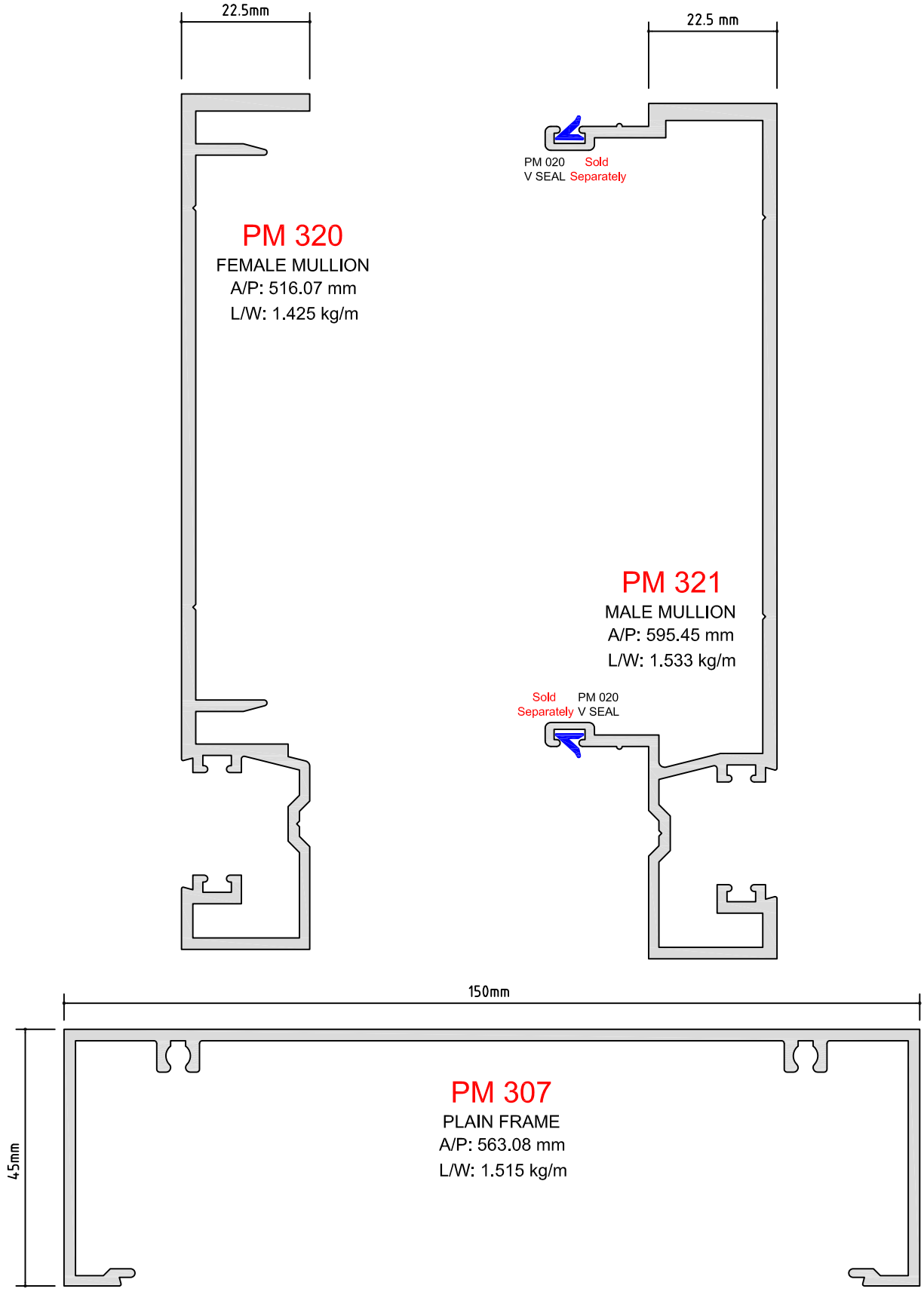
2006-SERIES

150mm x 45mm FRONT GLAZED FRAME
18mm GLAZING POCKET
GLAZING to 12.5mm



PRESS METAL
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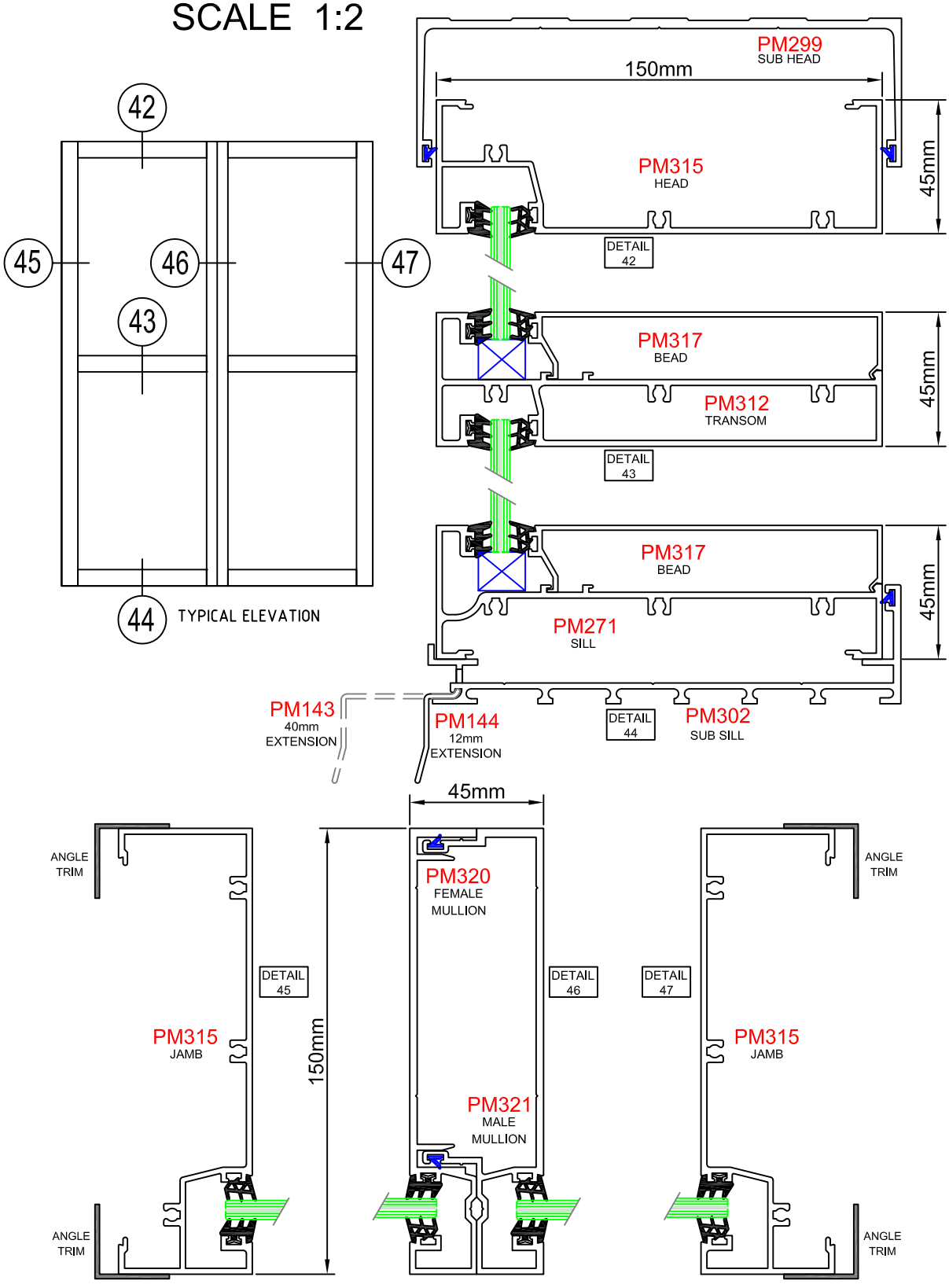
2006-SERIES

150mm x 45mm FRONT GLAZED FRAME ASSEMBLY DETAILS

SCALE 1:2



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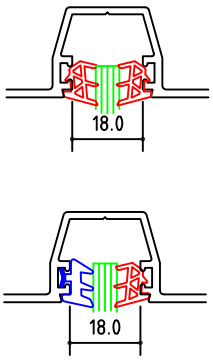
2006-SERIES

150mm x 45mm FRONT GLAZED FRAME
GLAZING DETAIL

ROLL IN WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
5.00mm	PM 004	PM 004
6.00mm	PM 006	PM 006
6.38mm	PM 006	PM 006
8.00mm	PM 007	PM 007
8.38mm	PM 007	PM 007
10.00mm	PM 005	PM 005
10.38mm	PM 005	PM 005



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Captive Wedge	Roll-in Wedge
6.00mm	PM 001	PM 000
6.38mm	PM 001	PM 000
8.00mm	PM 001	PM 000
8.38mm	PM 001	PM 000
10.00mm	PM 001	PM 004
10.38mm	PM 002	PM 004

WEDGE TYPES (P.V.C MATERIAL)

 White Back	 Red Back	 Blue Back					
Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

PRESS METAL
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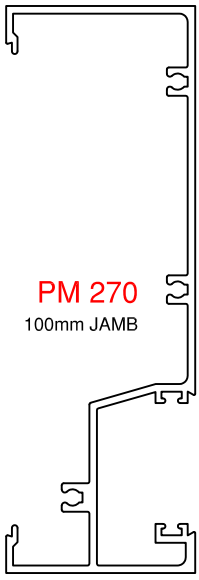
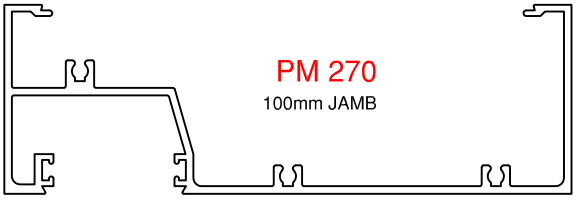
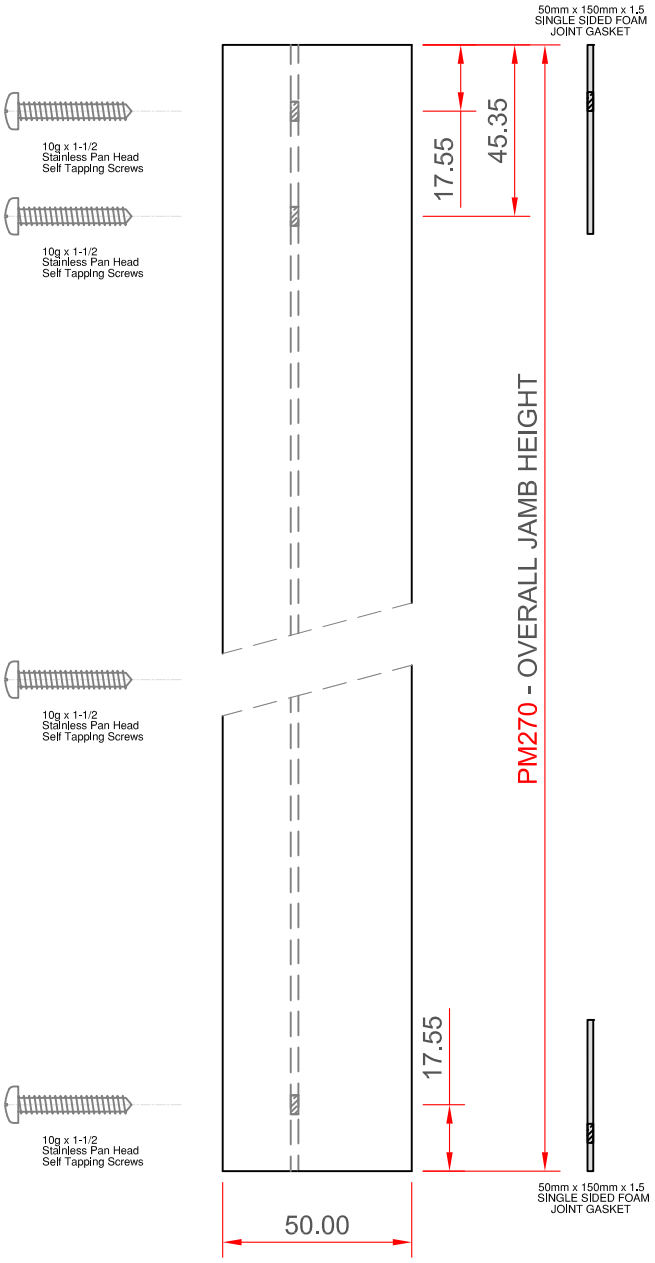
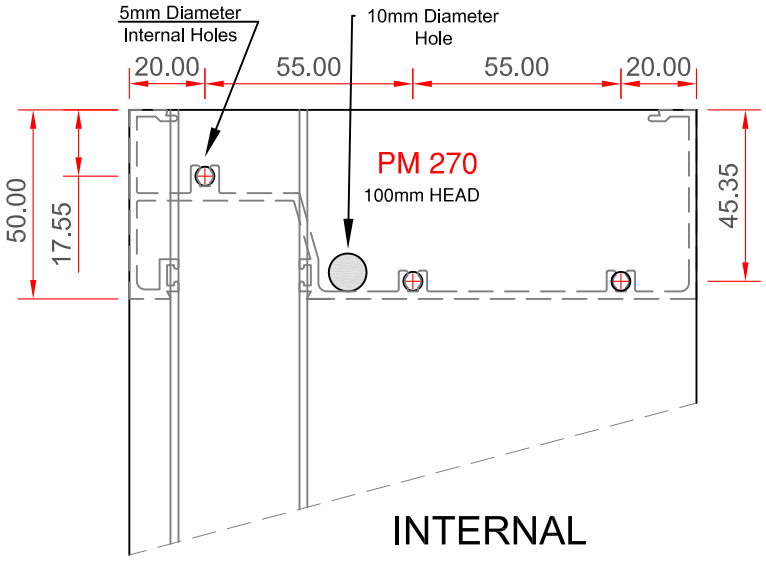
2006-SERIES

150mm x 50mm FRONT GLAZED FRAME MACHINING DETAILS

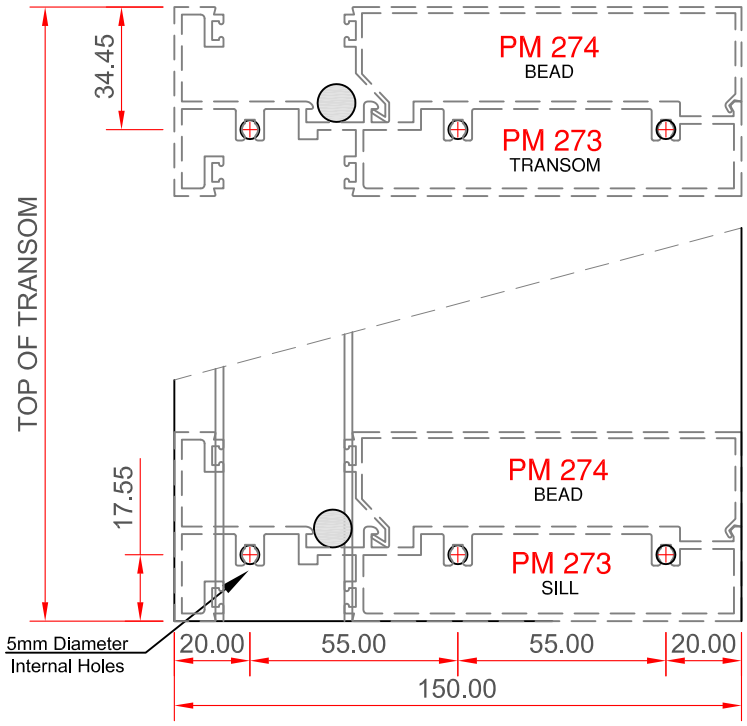








INTERNAL GLAZING



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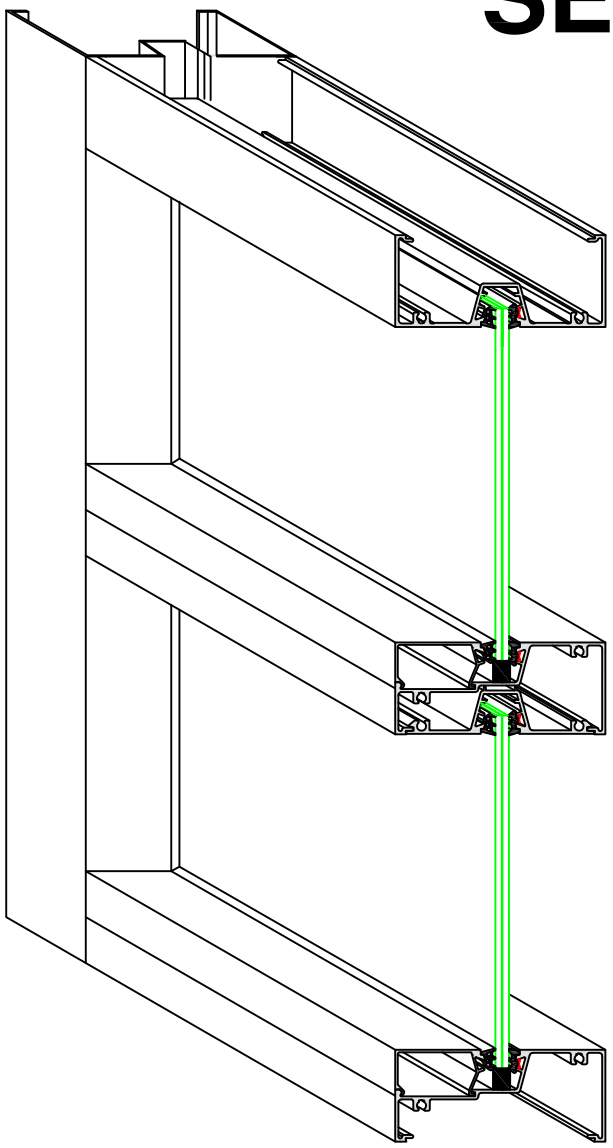
SECTION: F



2007 SERIES - ME2
101.6 x 44.4mm FRAME

14.4mm Centre Pocket
Single Glazing
up to 10.5mm

Pages: F01 to F10

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
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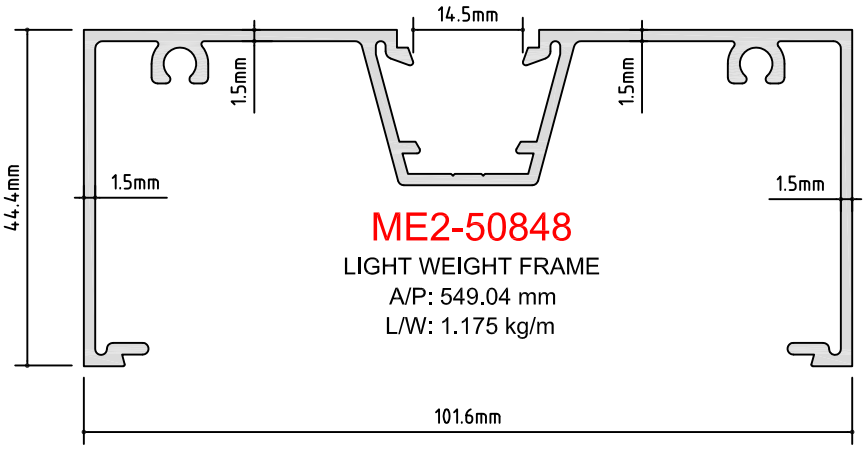
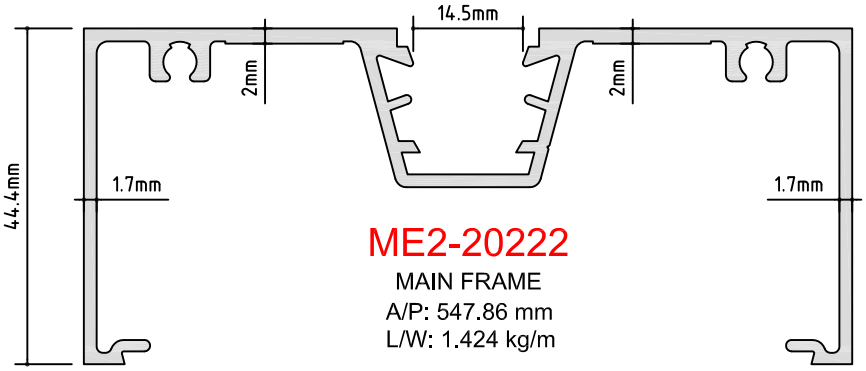
2007-SERIES - ME2

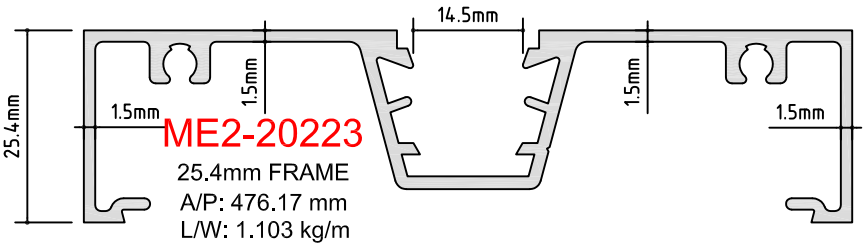
101.6mm x 44.4mm CENTRE GLAZED FRAME
14.5mm GLAZING POCKET
GLAZING to 10.5mm



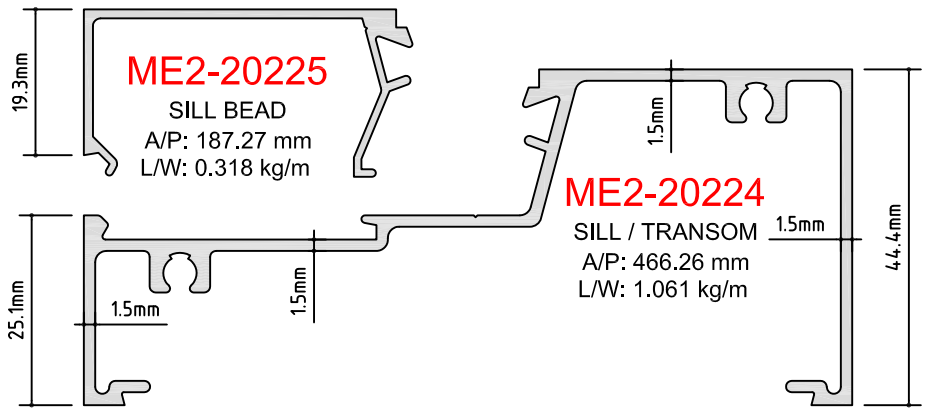
ME2-50848
LIGHT WEIGHT FRAME
A/P: 549.04 mm
L/W: 1.175 kg/m



ME2-20222
MAIN FRAME
A/P: 547.86 mm
L/W: 1.424 kg/m



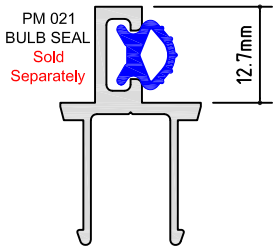
ME2-20223
25.4mm FRAME
A/P: 476.17 mm
L/W: 1.103 kg/m



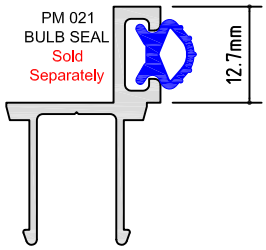
ME2-20225
SILL BEAD
A/P: 187.27 mm
L/W: 0.318 kg/m

ME2-20224
SILL / TRANSOM
A/P: 466.26 mm
L/W: 1.061 kg/m

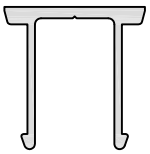
SCALE 1:1



ME2-20232
45mm DOOR STOP
A/P: 148.12 mm
L/W: 0.292 kg/m



ME2-20231
35mm DOOR STOP
A/P: 151.89 mm
L/W: 0.293 kg/m



ME2-20230
POCKET FILLER
A/P: 108.95 mm
L/W: 0.186 kg/m

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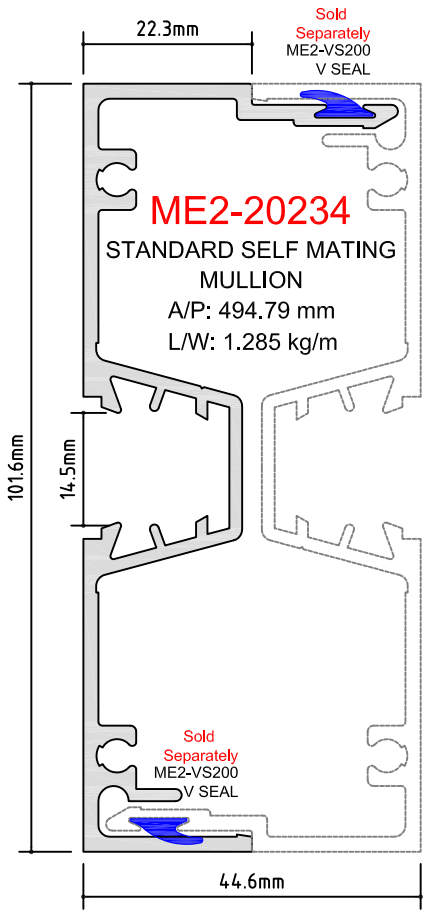
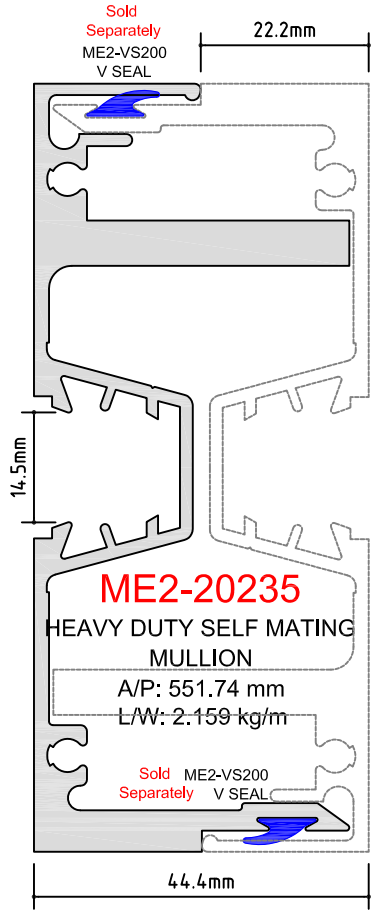
2007-SERIES - ME2

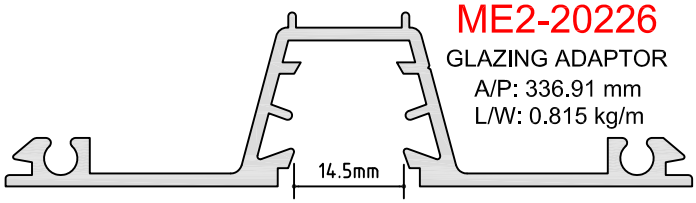
101.6mm x 44.4mm CENTRE GLAZED FRAME
14.5mm GLAZING POCKET
GLAZING to 10.5mm



ME2-20234
STANDARD SELF MATING MULLION
A/P: 494.79 mm
L/W: 1.285 kg/m

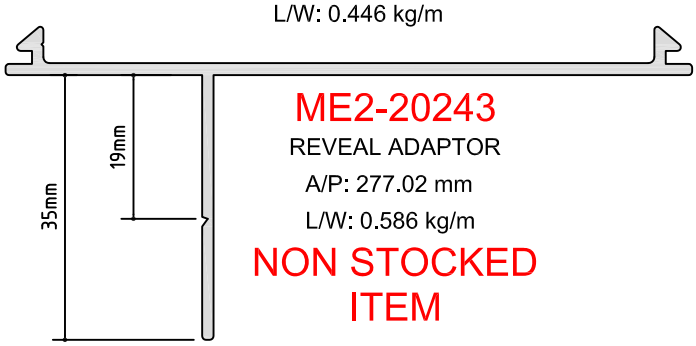


ME2-20235
HEAVY DUTY SELF MATING MULLION
A/P: 551.74 mm
L/W: 2.159 kg/m



ME2-20226
GLAZING ADAPTOR
A/P: 336.91 mm
L/W: 0.815 kg/m

ME2-20229
FRAME INFILL
A/P: 260.66 mm
L/W: 0.446 kg/m



ME2-20243
REVEAL ADAPTOR
A/P: 277.02 mm
L/W: 0.586 kg/m
NON STOCKED ITEM

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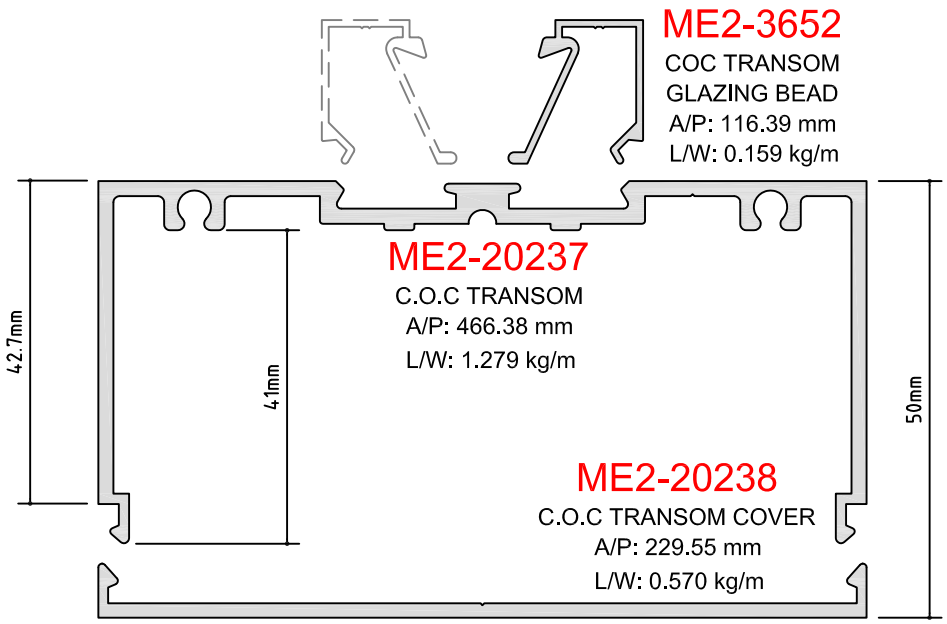
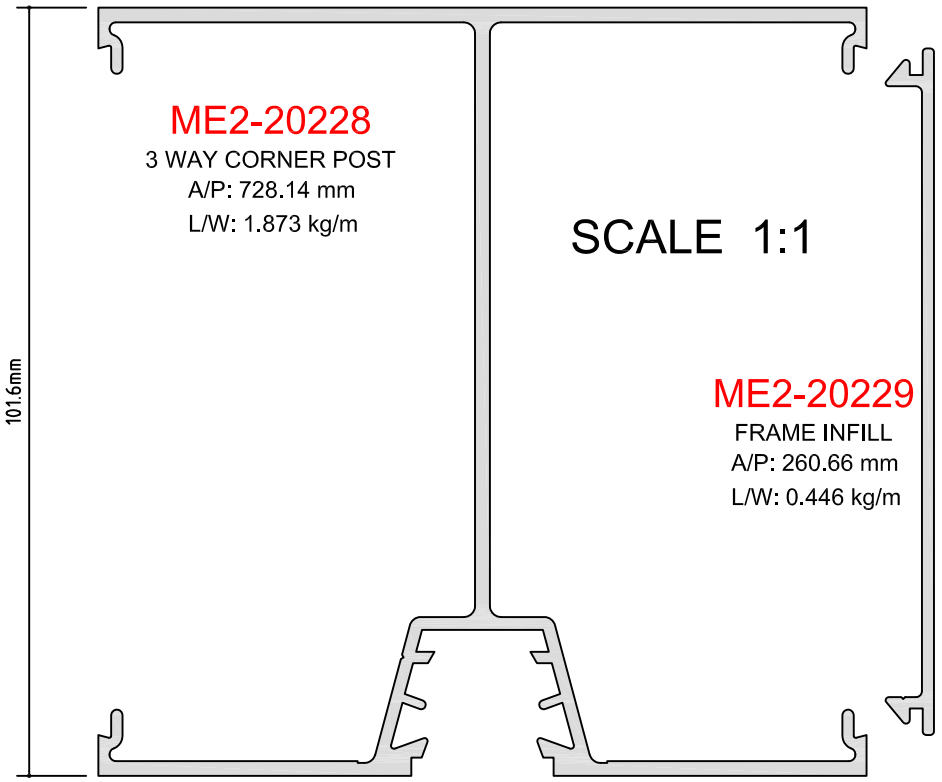
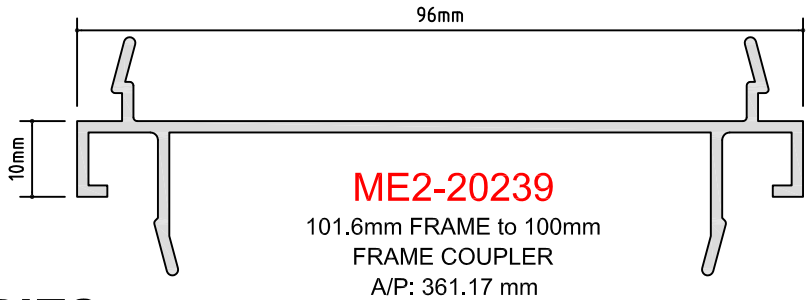
2007-SERIES - ME2

101.6mm x 44.4mm CENTRE GLAZED FRAME
14.5mm GLAZING POCKET
GLAZING to 10.5mm







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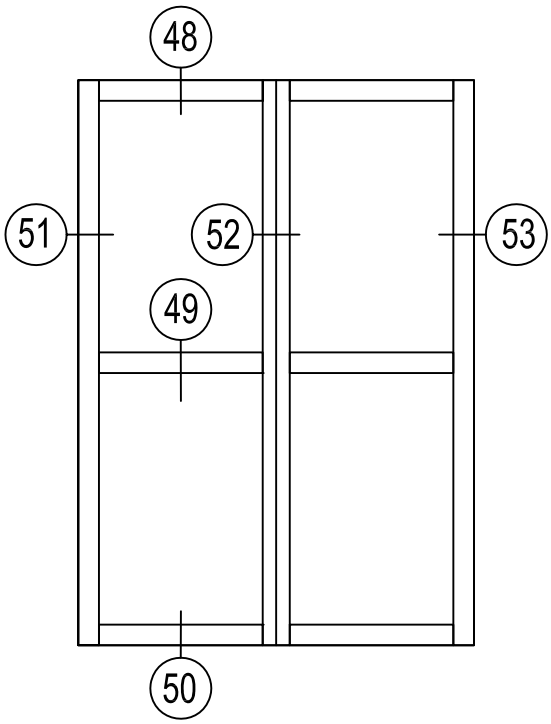
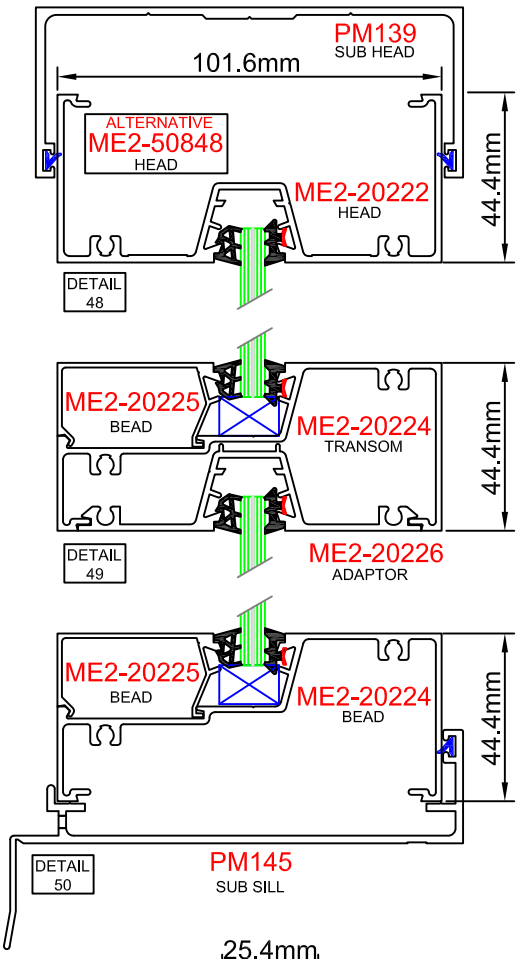
2007-SERIES - ME2

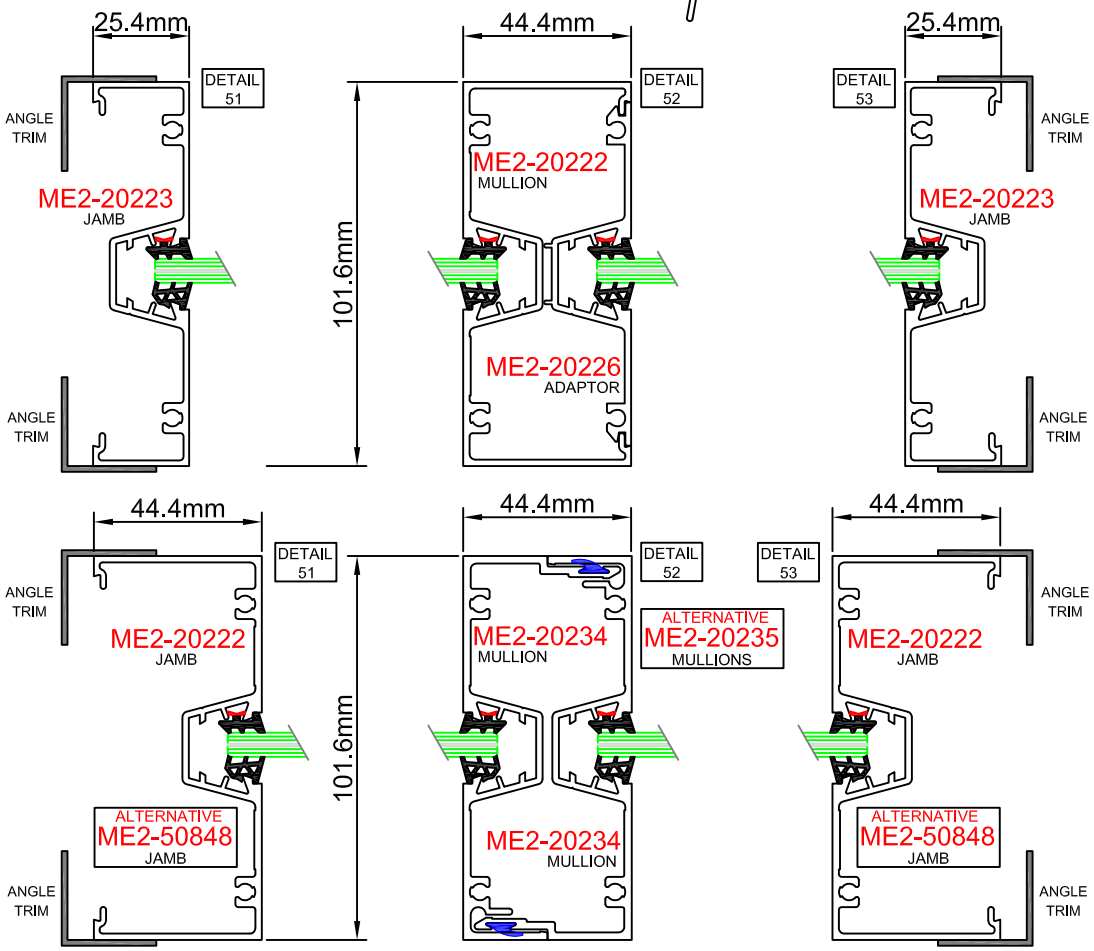
101.6mm x 44.4mm CENTRE GLAZED FRAME ASSEMBLY DETAILS

SCALE 1:2



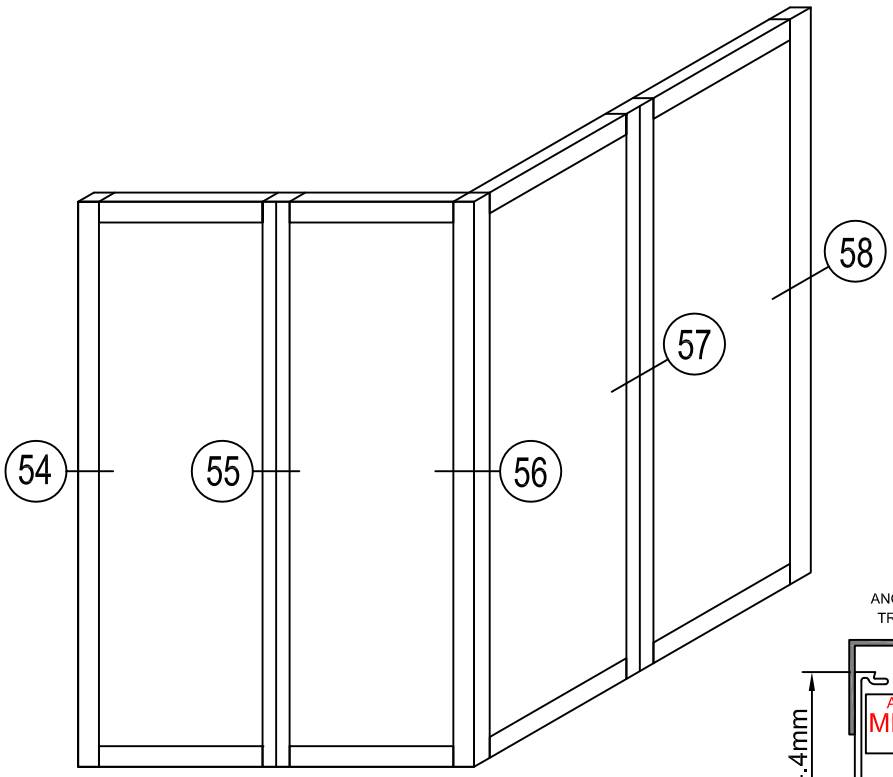
TYPICAL ELEVATION





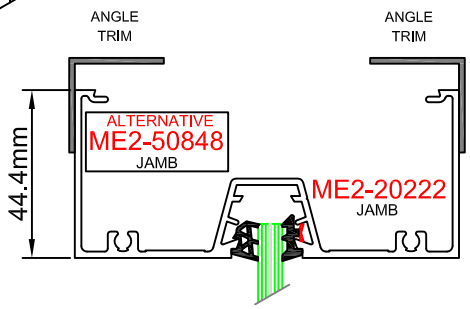
2007-SERIES - ME2

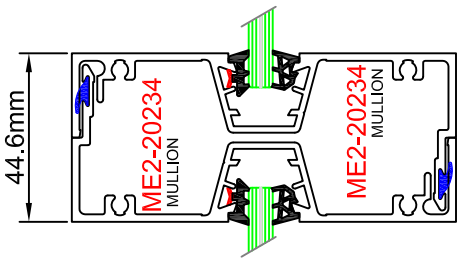
101.6mm x 44.4mm CENTRE GLAZED FRAME ASSEMBLY DETAILS

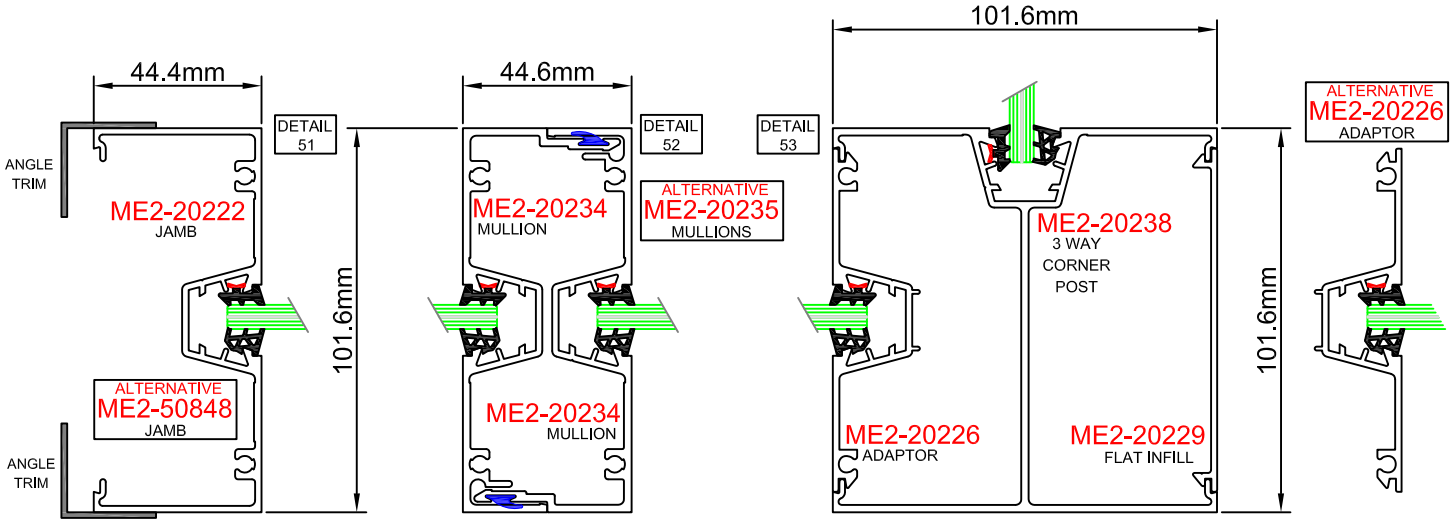


SCALE 1:2

TYPICAL ELEVATION







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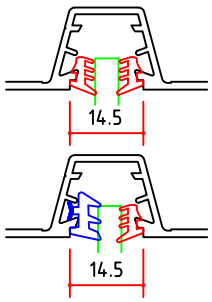
2007-SERIES - ME2

101.6 x 44.4mm CENTRE GLAZED FRAME GLAZING DETAIL

ROLL IN WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
5.00mm	PM 007	PM 006
6.00mm	PM 007	PM 007
6.38mm	PM 007	PM 007
8.00mm	PM 008	PM 007
8.38mm	PM 008	PM 007
10.00mm	PM 008	PM 008
10.38mm	PM 008	PM 008



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Captive Wedge	Roll-in Wedge
5.00mm	PM 001	PM 006
6.00mm	PM 001	PM 007
6.38mm	PM 001	PM 007
8.00mm	PM 002	PM 007
8.38mm	PM 002	PM 007
10.00mm	PM 003	PM 008
10.38mm	PM 003	PM 008

WEDGE TYPES (P.V.C MATERIAL)

 White Back	 Red Back	 Blue Back					
Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

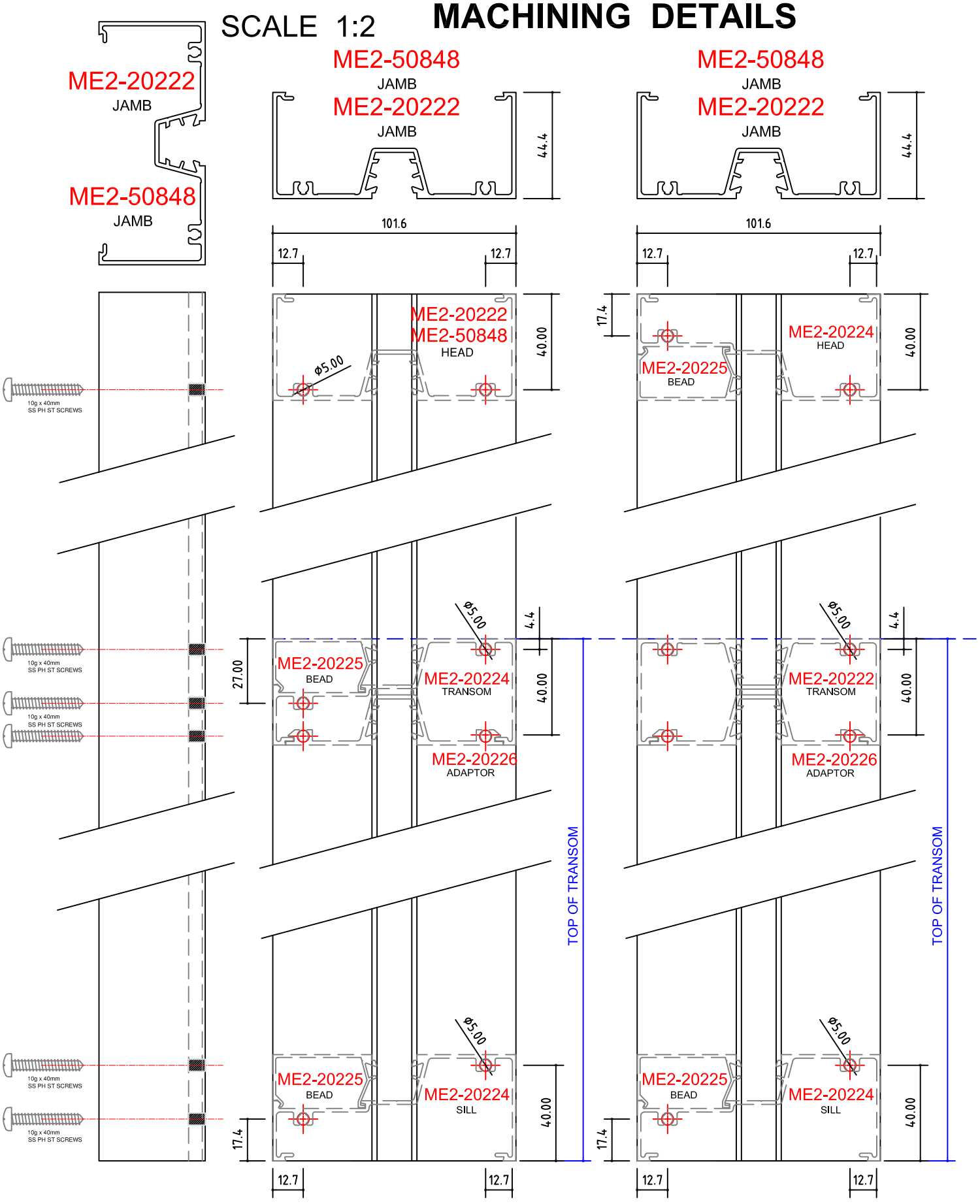
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2007-SERIES-ME2

101.6mm x 44.4mm CENTRE GLAZED FRAME

MACHINING DETAILS

DETAIL
SCALE 1:2



PRESS METAL
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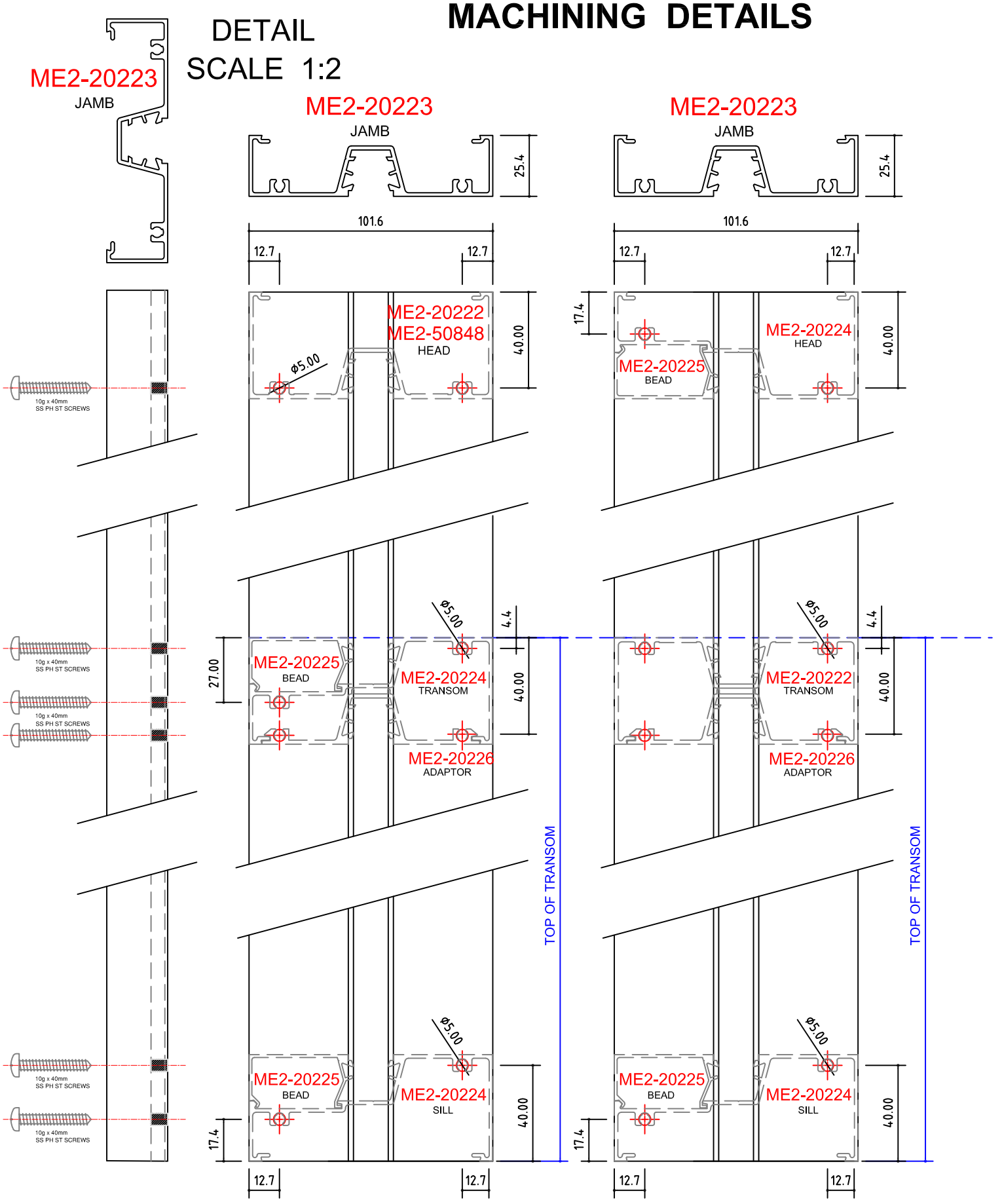
www.pressmetal.com.au

2007-SERIES-ME2

101.6mm x 44.4mm CENTRE GLAZED FRAME MACHINING DETAILS

DETAIL
SCALE 1:2



NOTES:

PRESS METAL
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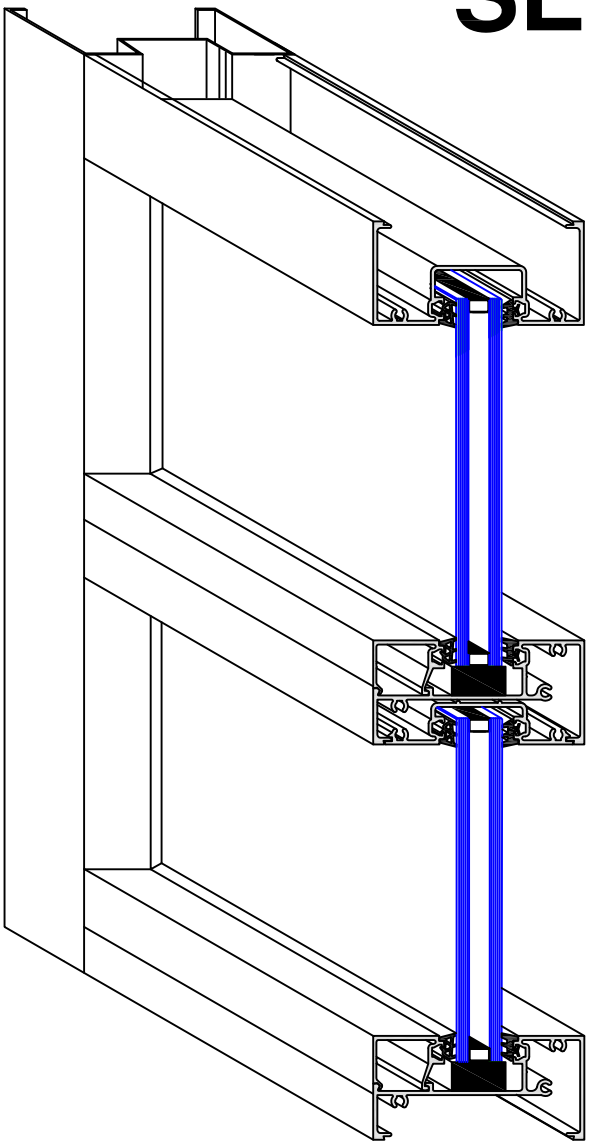
www.pressmetal.com.au

SECTION: G



2008 SERIES - ME2
101.6 x 50mm FRAME

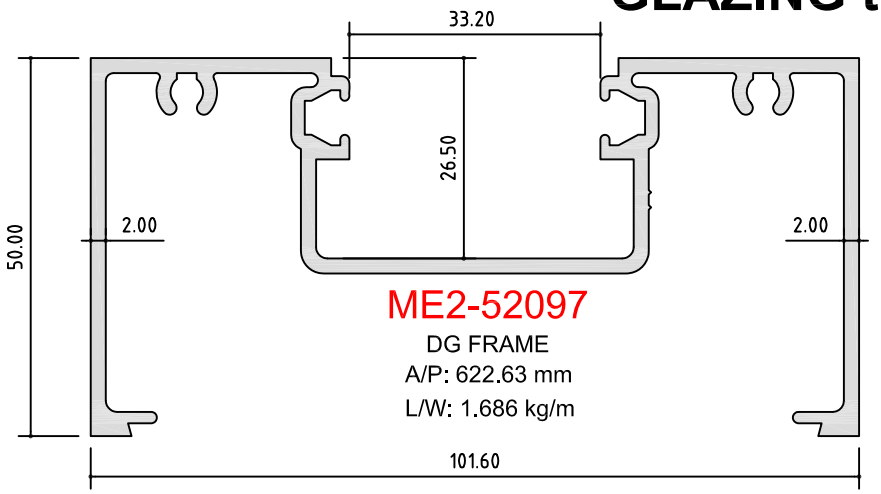
33mm Centre Pocket
Double Glazing
up to 28mm

Pages: G01 to G06

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

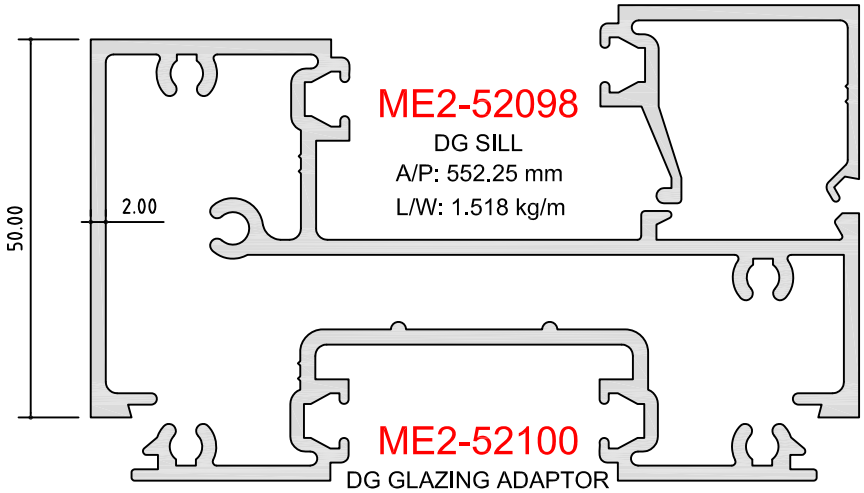
2008-SERIES - ME2

101.6mm x 50mm CENTRE GLAZED FRAME
33.2mm GLAZING POCKET
GLAZING to 28mm



ME2-52097
DG FRAME
A/P: 622.63 mm
L/W: 1.686 kg/m

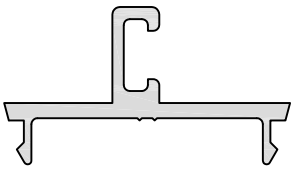
ME2-52103
DG POCKET FILLER
A/P: 102.75 mm
L/W: 0.244 kg/m



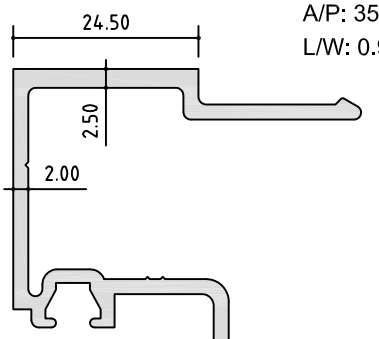
ME2-52098
DG SILL
A/P: 552.25 mm
L/W: 1.518 kg/m

ME2-52099
DG BEAD
A/P: 194.31 mm
L/W: 0.463 kg/m

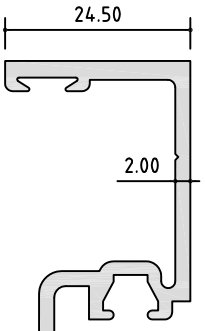
ME2-52100
DG GLAZING ADAPTOR
A/P: 356.82 mm
L/W: 0.940 kg/m



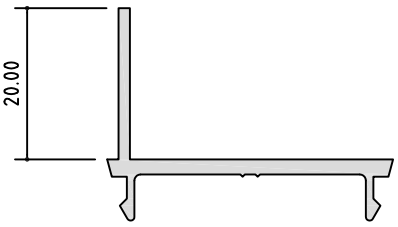
ME2-52104
DG 45mm DOOR STOP
A/P: 140.83 mm
L/W: 0.349 kg/m



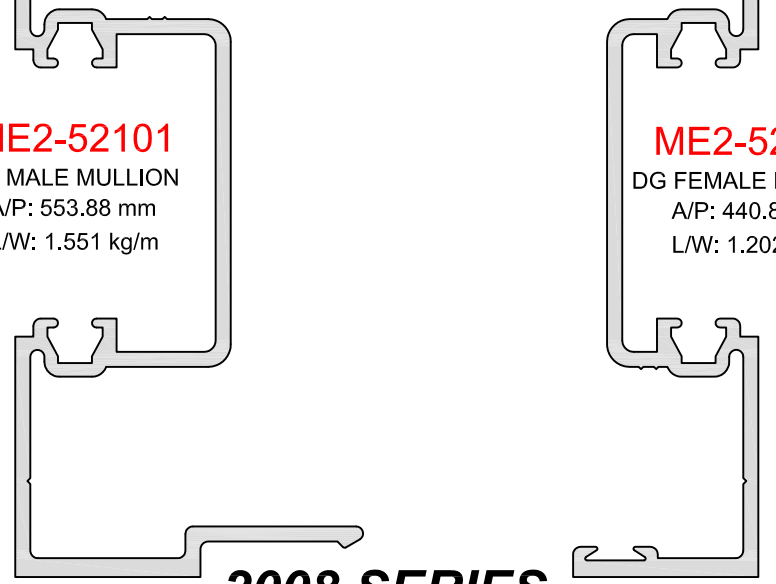
ME2-52101
DG MALE MULLION
A/P: 553.88 mm
L/W: 1.551 kg/m



ME2-52102
DG FEMALE MULLION
A/P: 440.85 mm
L/W: 1.202 kg/m



ME2-52105
DG 35mm AWNING SASH ADAPTOR
A/P: 142.75 mm
L/W: 0.326 kg/m



2008 SERIES

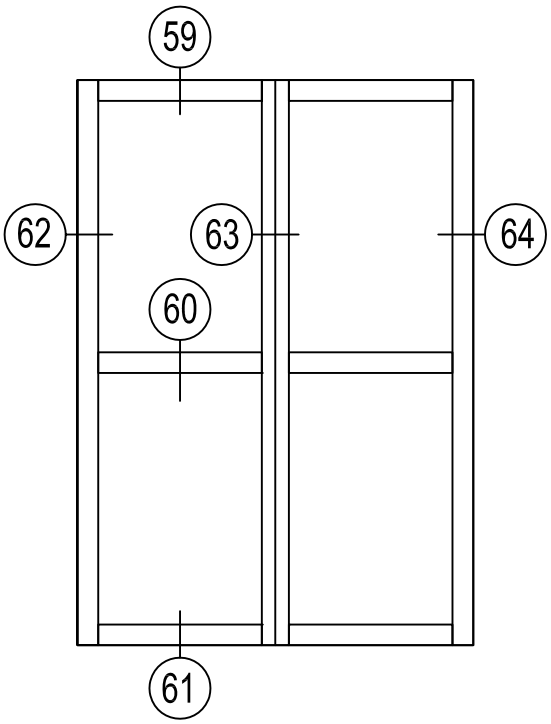
G02

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

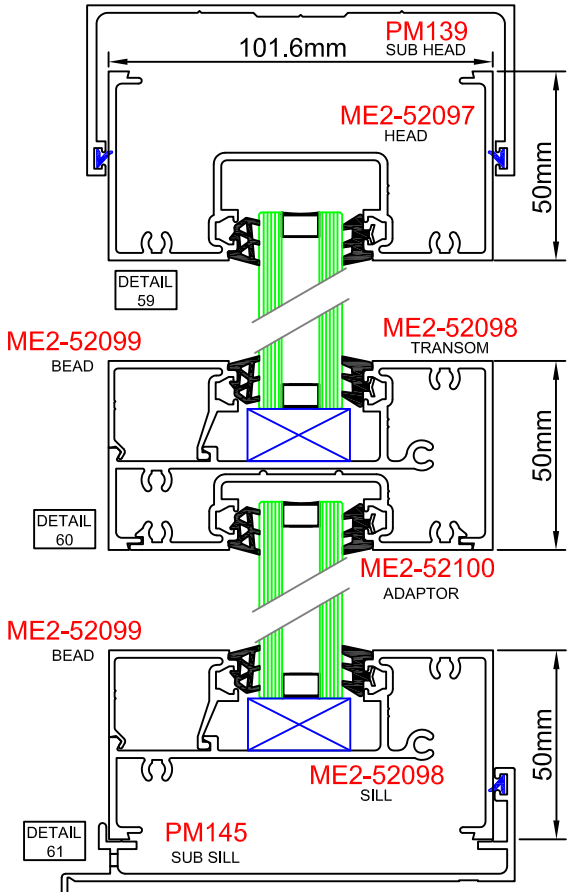
2008-SERIES - ME2

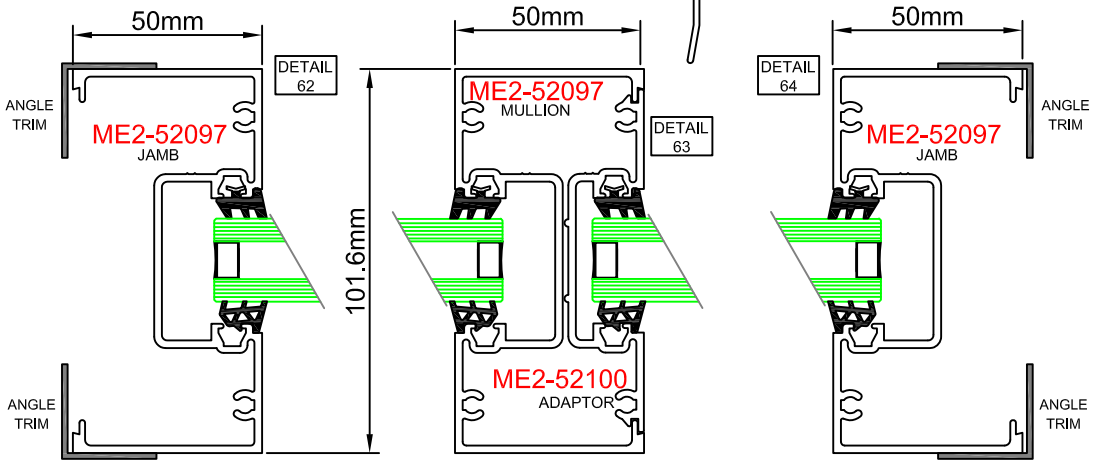
101.6mm x 50mm CENTRE GLAZED FRAME ASSEMBLY DETAILS

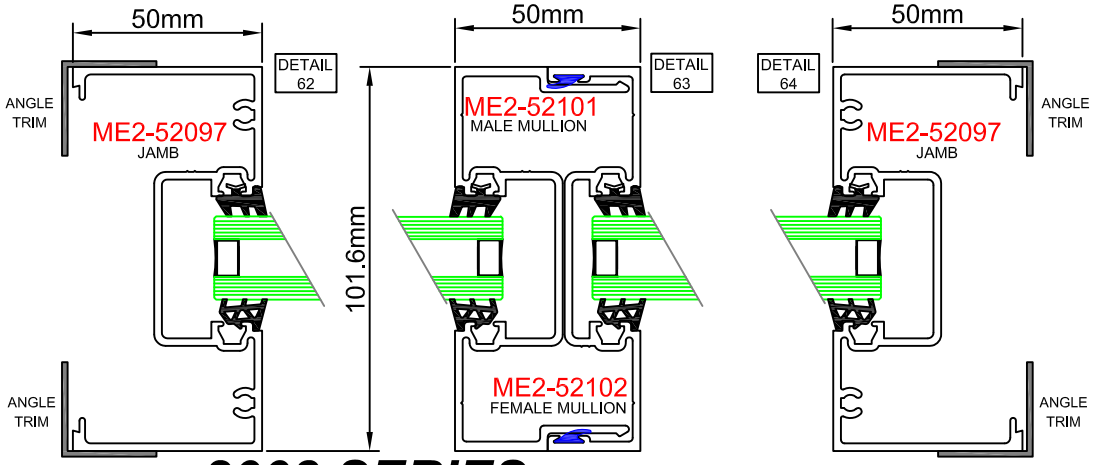
SCALE 1:2



TYPICAL ELEVATION







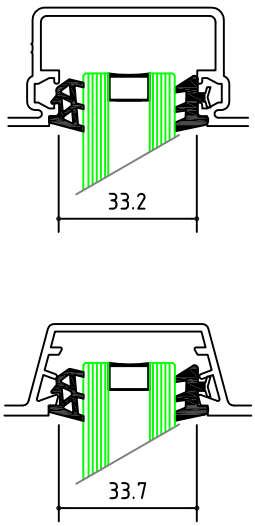
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2008-SERIES - ME2

101.6mm x 45mm CENTRE GLAZED FRAME
101.6mm x 50mm CENTRE GLAZED FRAME
GLAZING DETAILS

ROLL IN WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
10.00mm	PM004	PM004
10.38mm		
12.00mm	PM006	PM007
12.50mm		
14mm DGU	PM005	PM007
16mm DGU	PM005	PM005
18mm DGU	PM008	PM008



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
10.00mm	PM001	PM004
10.38mm		
12.00mm	PM001	PM007
12.50mm		
14mm DGU	PM002	PM006
16mm DGU	PM002	PM005
18mm DGU	PM003	PM008

WEDGE TYPES (P.V.C MATERIAL)

							
White Back	Red Back	Blue Back					
Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

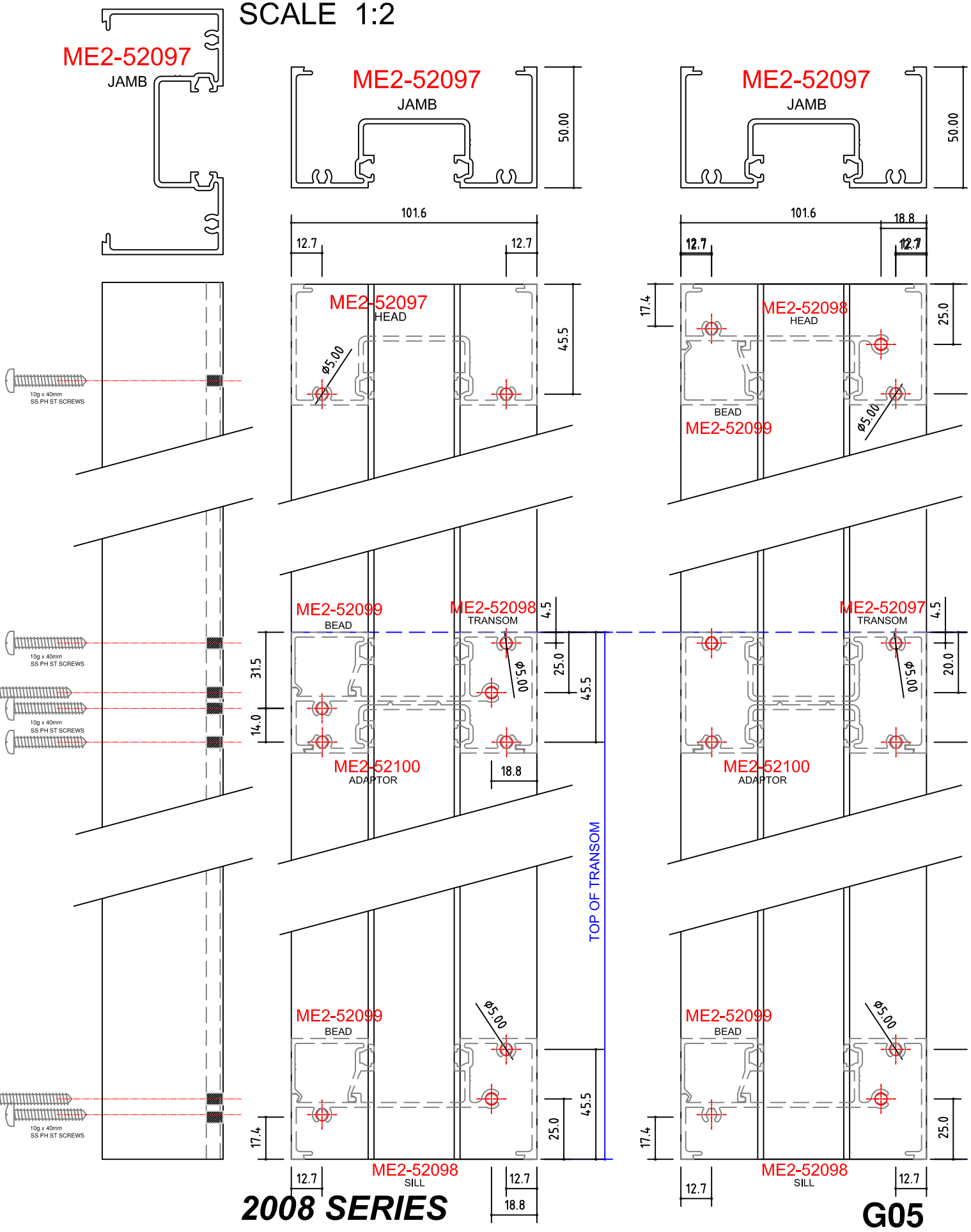
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2008-SERIES - ME2

101.6mm x 50mm CENTRE GLAZED FRAME

DETAIL **MACHINING DETAILS**

SCALE 1:2



2008 SERIES

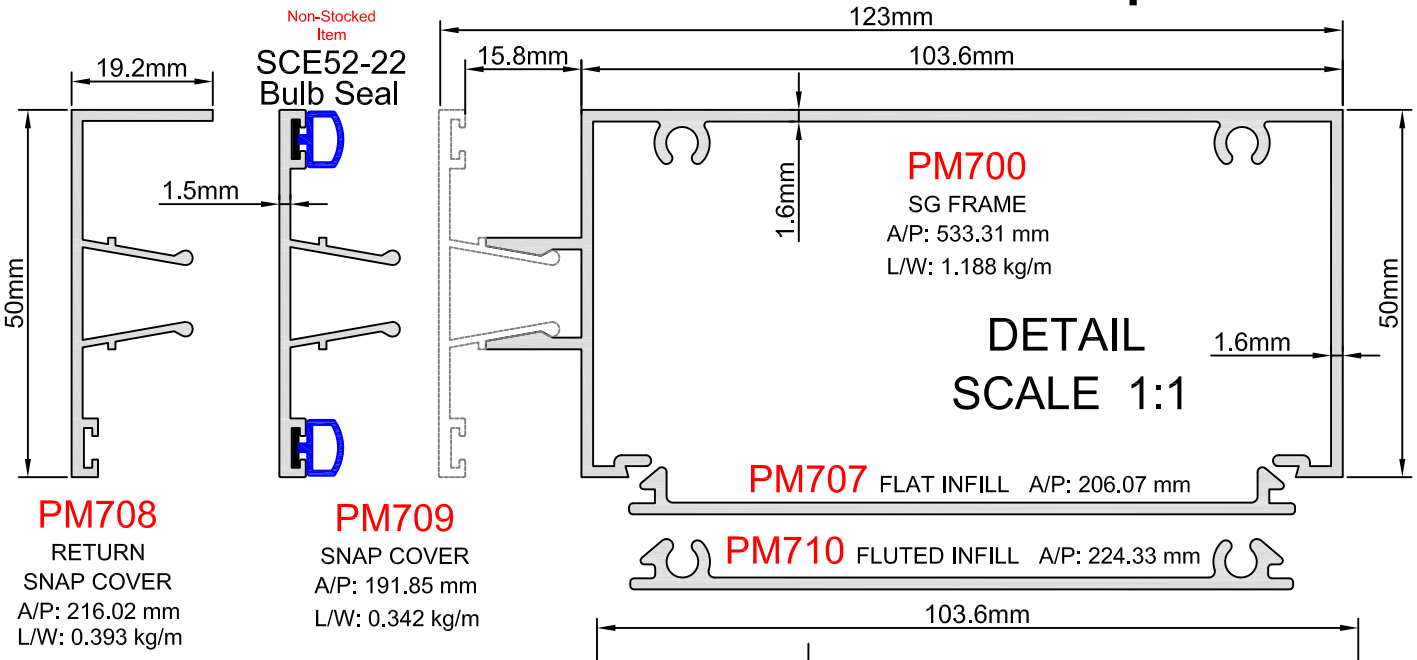
G05

NOTES:

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

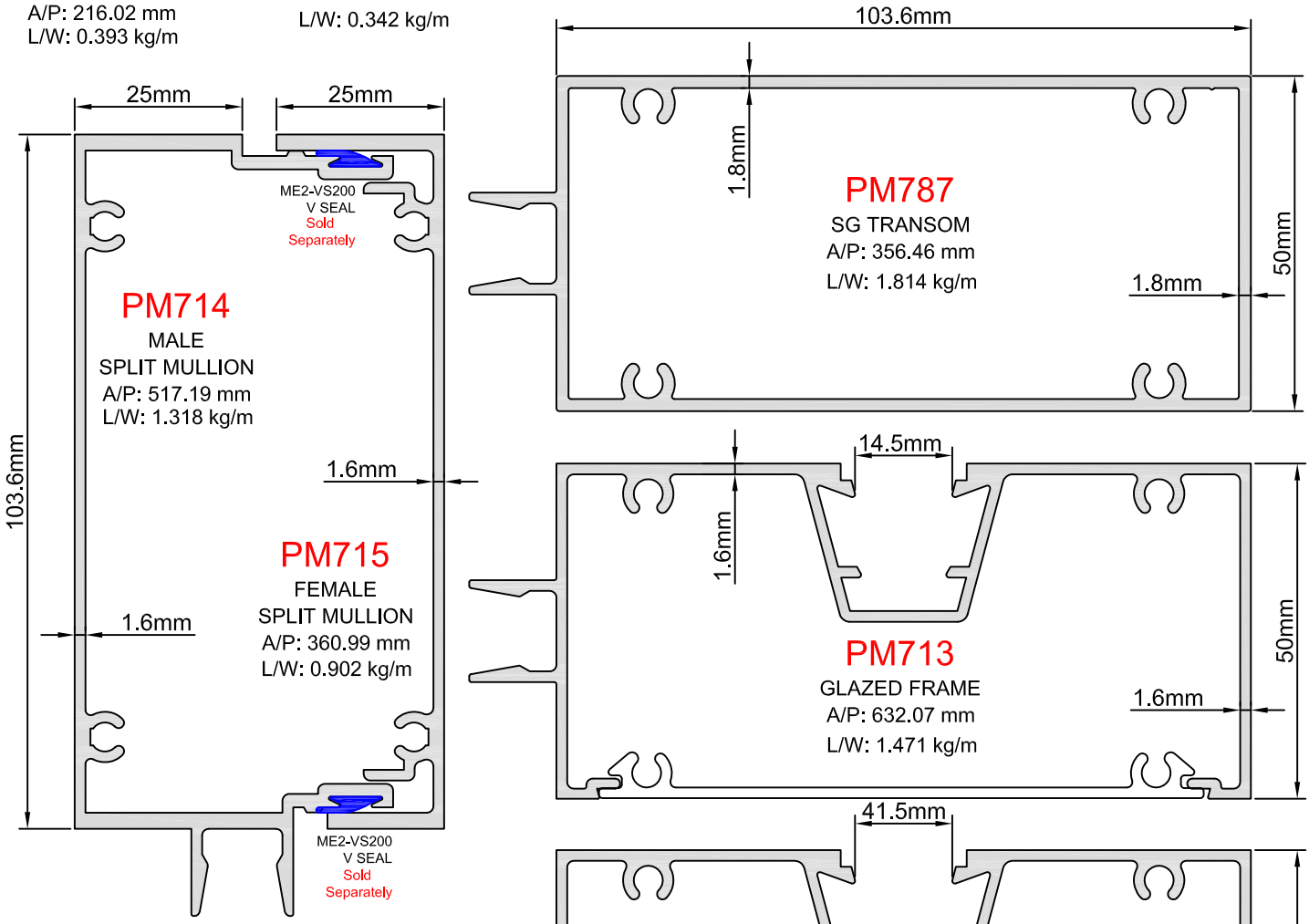
2009-SERIES

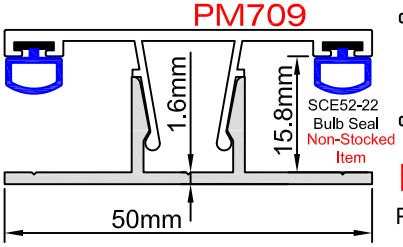
123 & 142 x 50mm FRONT GLAZED FRAME
SINGLE & DOUBLE GLAZING up to 28mm



PM708
RETURN
SNAP COVER
A/P: 216.02 mm
L/W: 0.393 kg/m

PM709
SNAP COVER
A/P: 191.85 mm
L/W: 0.342 kg/m





PM712
PLANT on BASE
A/P: 154.90 mm
L/W: 0.335 kg/m

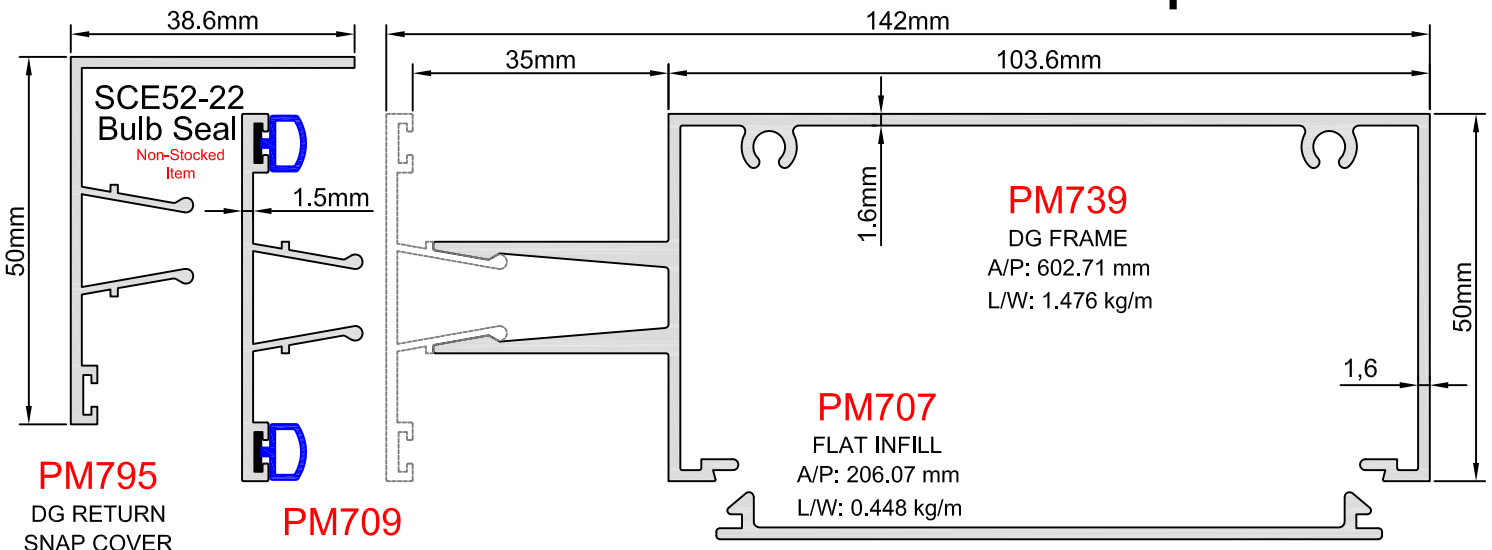
2009 SERIES

H02

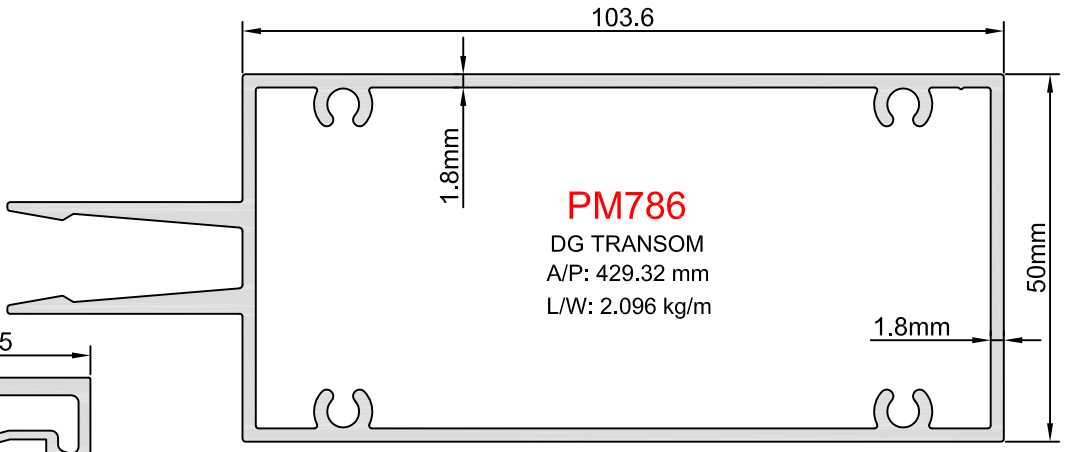
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

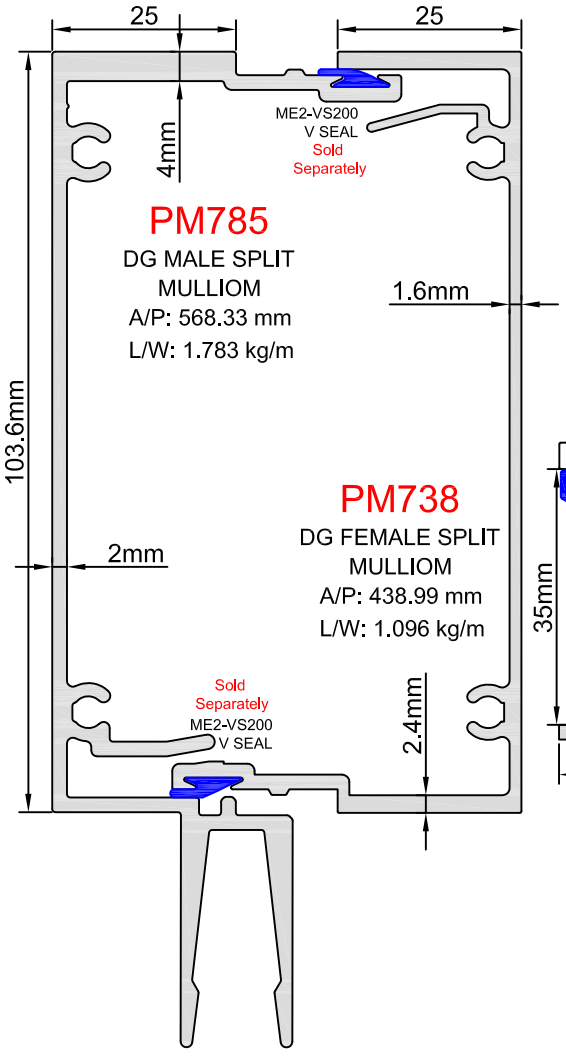
2009-SERIES

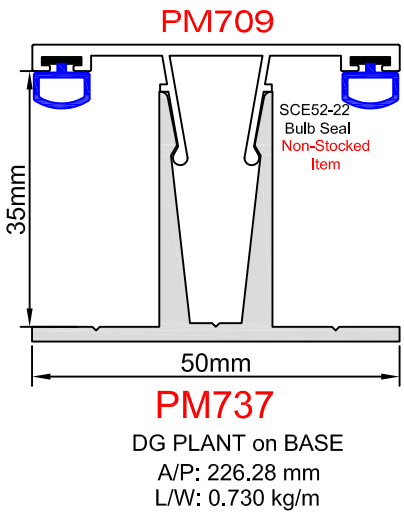
123 & 142 x 50mm FRONT GLAZED FRAME
SINGLE & DOUBLE GLAZING up to 28mm

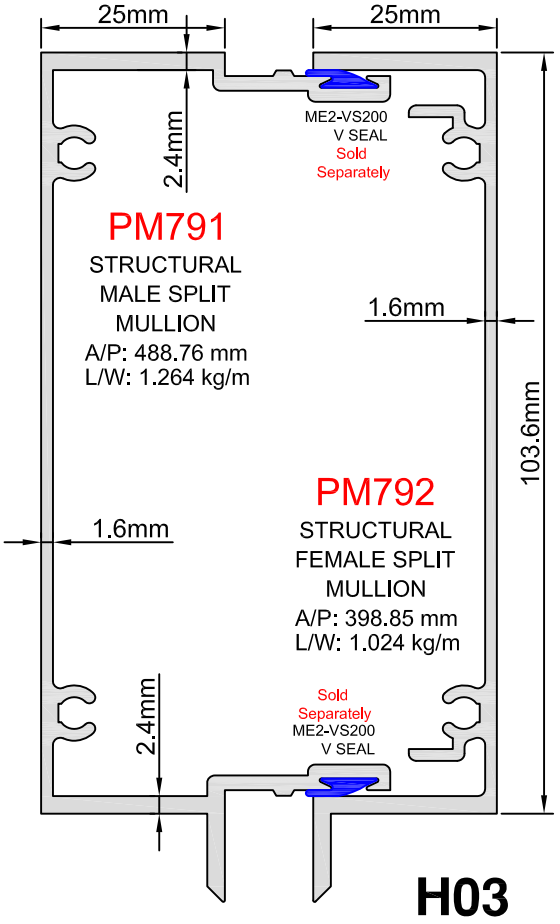


DETAIL
SCALE 1:1





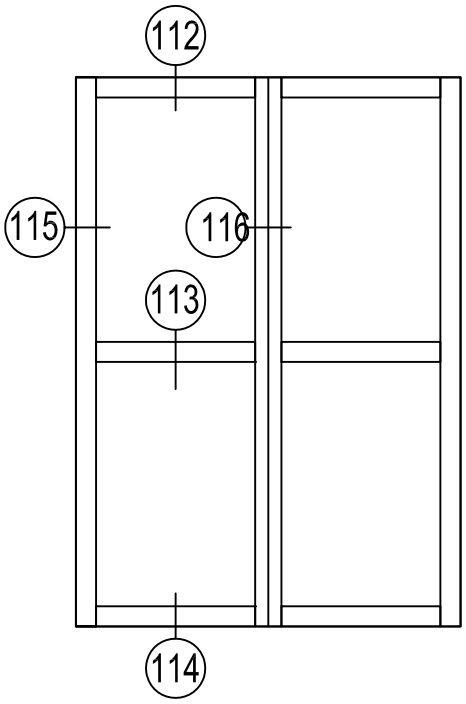




PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

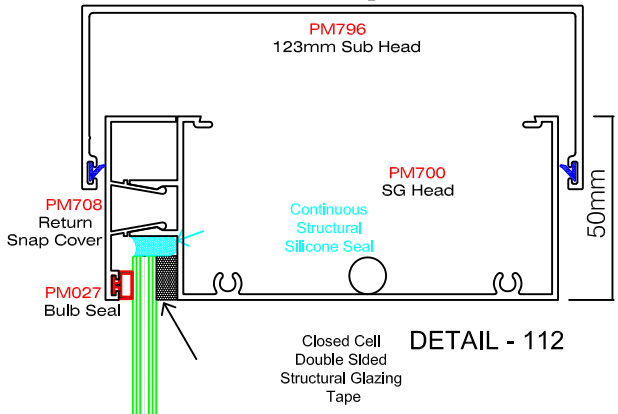
2009-SERIES

123 & 142 x 50mm FRONT GLAZED FRAME
SINGLE & DOUBLE GLAZING up to 28mm

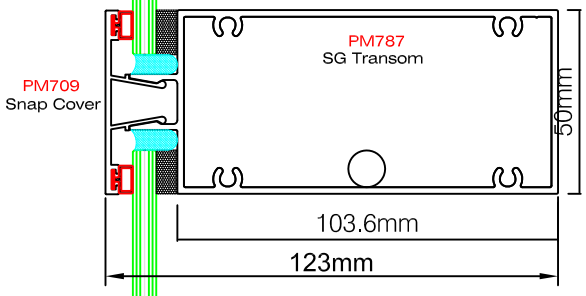


TYPICAL ELEVATION

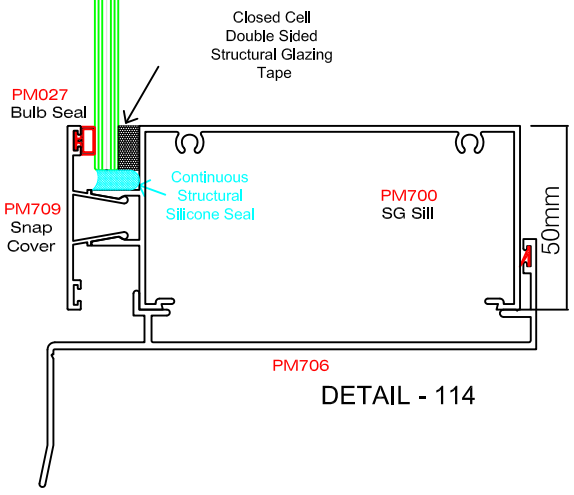
DETAIL
SCALE 1:2



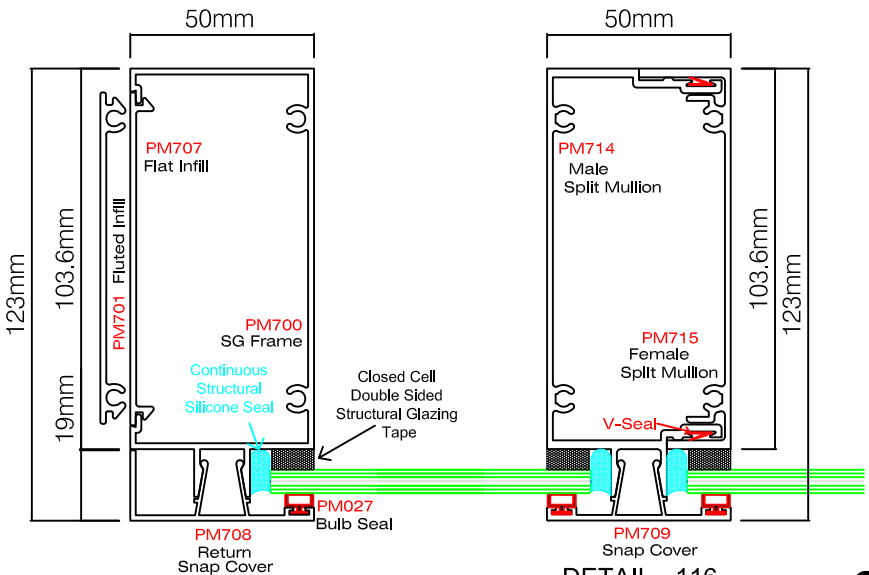
DETAIL - 112



DETAIL - 113



DETAIL - 114



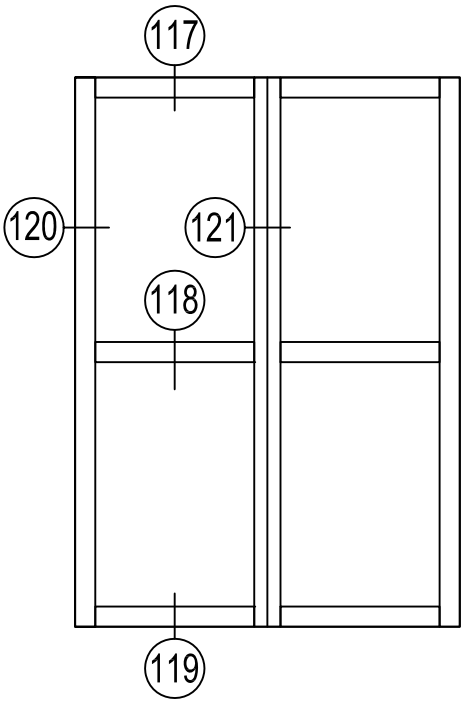
DETAIL - 115

DETAIL - 116

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

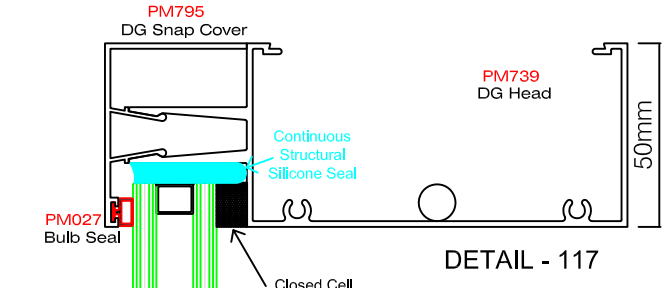
2009-SERIES

123 & 142 x 50mm FRONT GLAZED FRAME
SINGLE & DOUBLE GLAZING up to 28mm

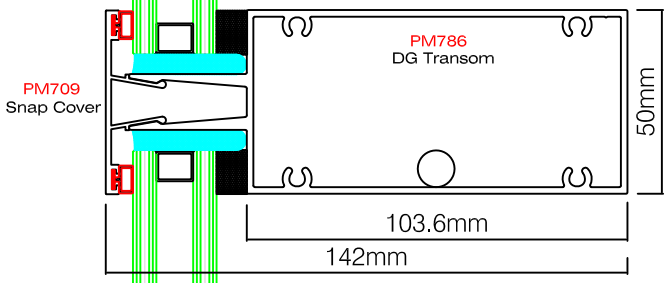


TYPICAL ELEVATION

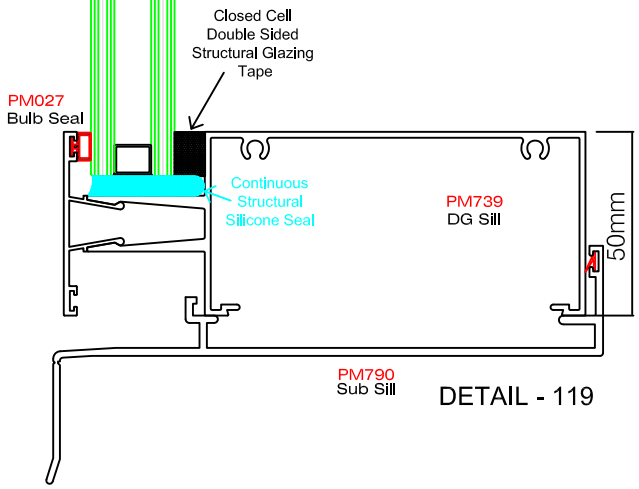
DETAIL
SCALE 1:2



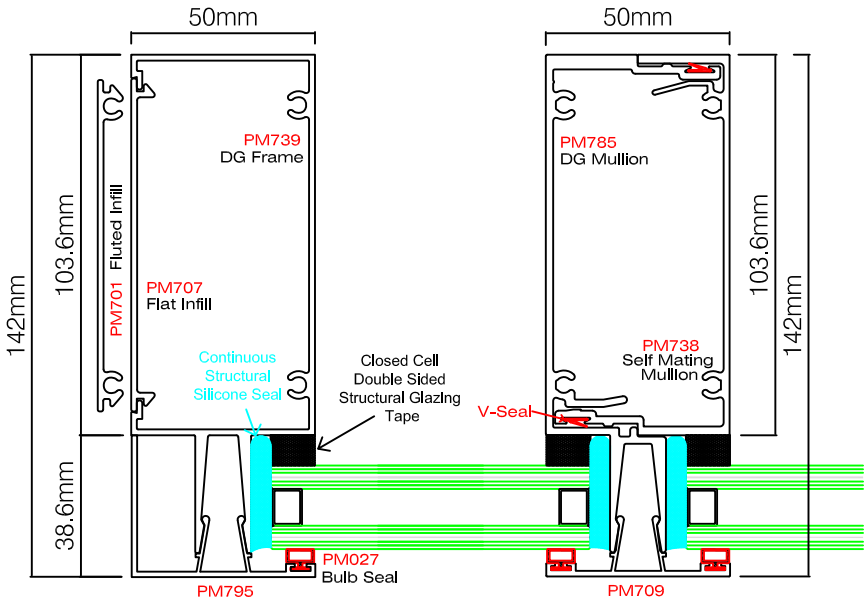
DETAIL - 117



DETAIL - 118



DETAIL - 119



DETAIL - 120

DETAIL - 121

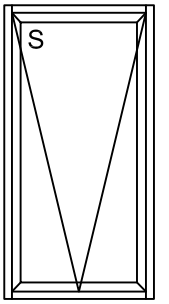
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

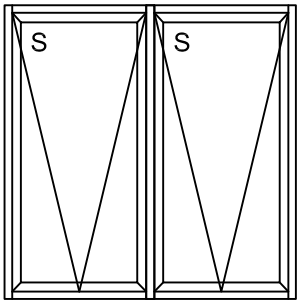
35mm AWNING SASH

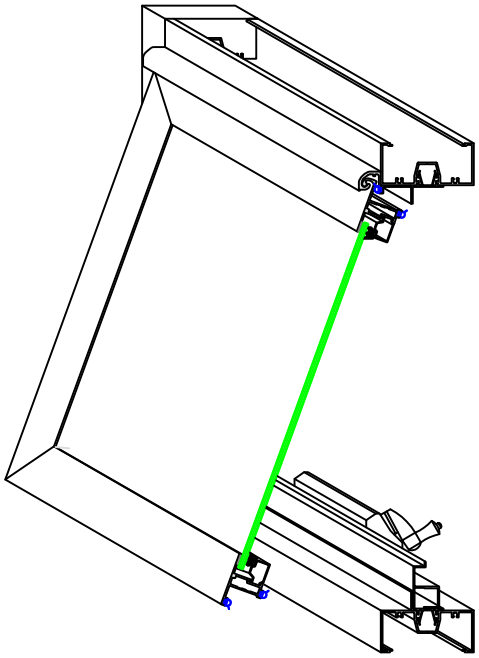
TOP HINGED or STAY MOUNTED

TYPICAL CONFIGURATIONS

(APPLIES TO 67mm, 100mm and 150mm FRAMING SYSTEMS)

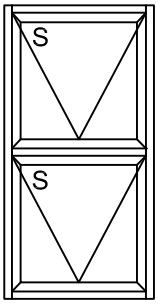


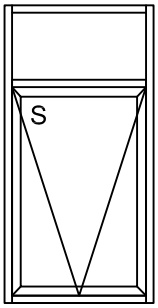


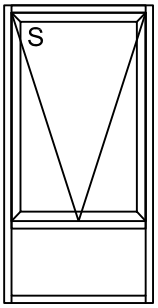


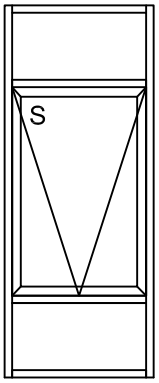
MAXIMUM RECOMMENDED SASH DIMENSIONS & LOAD :

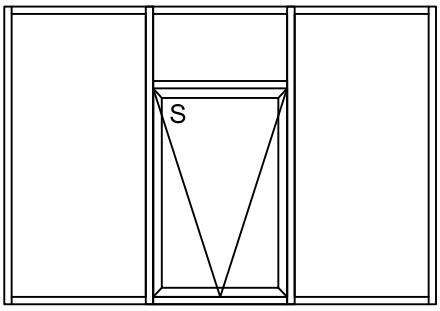
HEIGHT = 1500mm WIDTH = 1200mm WEIGHT = 90kgs M² = 1.2

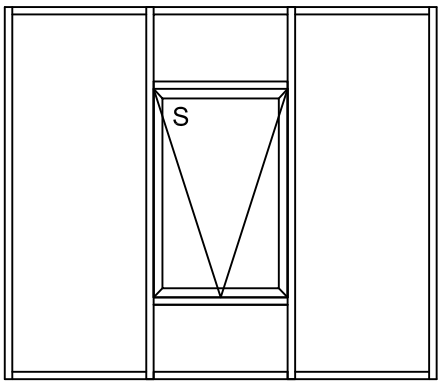








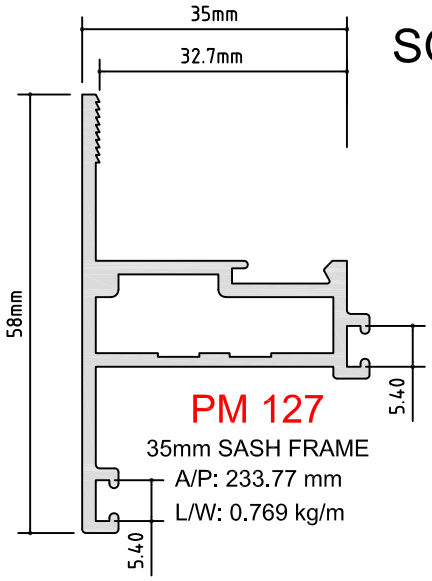




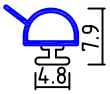
PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

35mm AWNING SASH
TOP HINGED or STAY MOUNTED

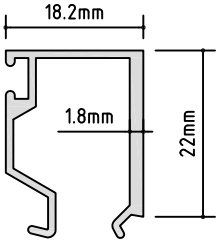
SCALE 1:1



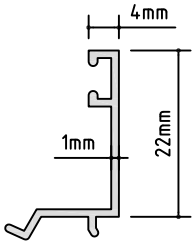
PM 127
35mm SASH FRAME
A/P: 233.77 mm
L/W: 0.769 kg/m



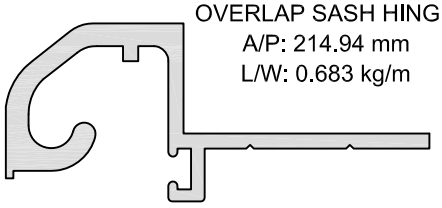
PM 054
Santoprene
Co-Extruded
Bulb Seal



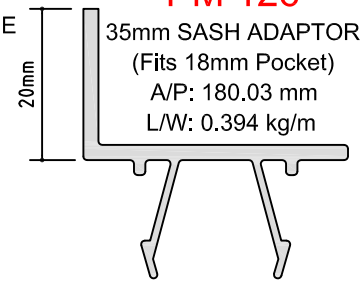
PM 129
SASH BEAD
A/P: 157.84 mm
L/W: 0.271 kg/m



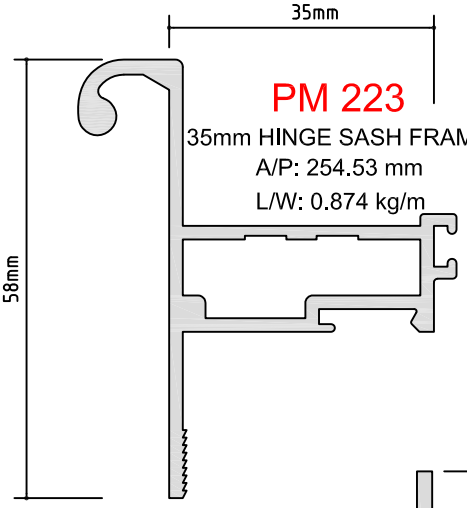
PM 128
SASH BEAD
A/P: 97.36 mm
L/W: 0.130 kg/m



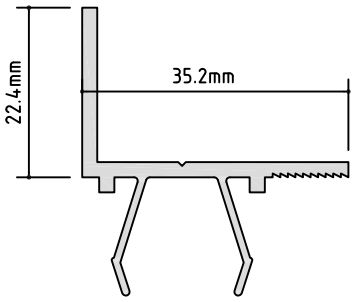
PM 222
OVERLAP SASH HINGE
A/P: 214.94 mm
L/W: 0.683 kg/m



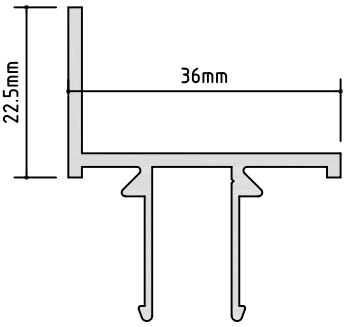
PM 126
35mm SASH ADAPTOR
(Fits 18mm Pocket)
A/P: 180.03 mm
L/W: 0.394 kg/m



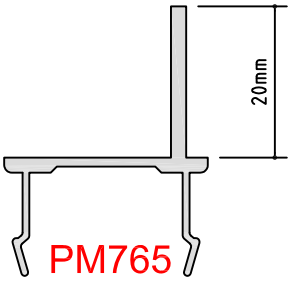
PM 223
35mm HINGE SASH FRAME
A/P: 254.53 mm
L/W: 0.874 kg/m



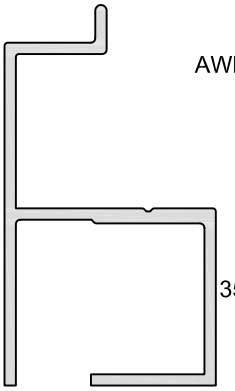
PM 229
35mm FRONT POCKET
OVERLAP SASH ADAPTOR
(Fits 18mm Pocket)
A/P: 193.69 mm
L/W: 0.405 kg/m



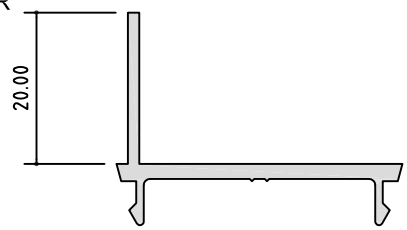
ME-20233
35mm SASH ADAPTOR
(Fits 14.5mm Pocket)
A/P: 208.77 mm
L/W: 0.438 kg/m



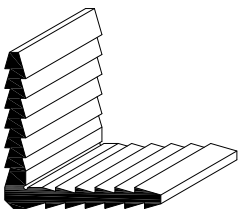
PM765
AWNING SASH ADAPTOR
A/P: 154.52 mm
L/W: 0.294 kg/m



PM 344
35mm SASH WINDER /
SCREEN ADAPTOR
A/P: 249.26 mm
L/W: 0.526 kg/m



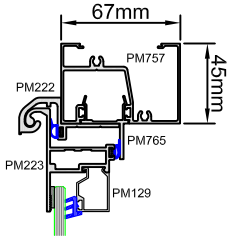
ME2-52105
DG 35mm AWNING SASH
ADAPTOR
A/P: 142.75 mm
L/W: 0.326 kg/m



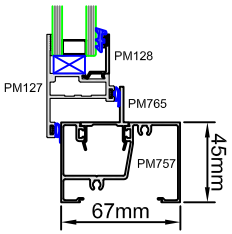
PM 051
UNIVERSAL AWNING SASH
CORNER STAKE

TYPE "A" 35mm TOP HINGED AWNING SASH

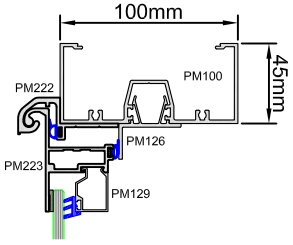
2001 SERIES



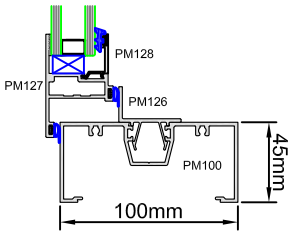
PM757 67mm x 45mm FG FRAME
PM765 35mm SASH STOP
PM222 UNIVERSAL HINGE
PM223 35mm SASH HINGE RAIL
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD
PM129 35mm SG SASH BEAD



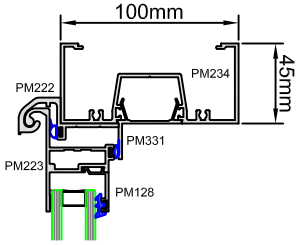
2002 SERIES



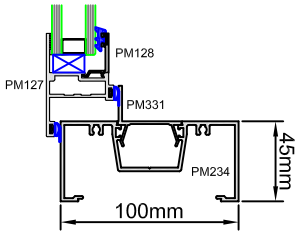
PM100 100mm x 45mm CP FRAME
PM126 35mm SASH STOP
PM222 UNIVERSAL HINGE
PM223 35mm SASH HINGE RAIL
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD
PM129 35mm SG SASH BEAD



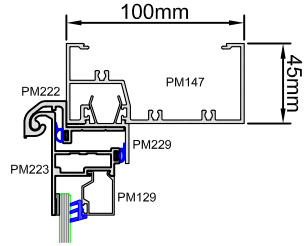
2003 SERIES



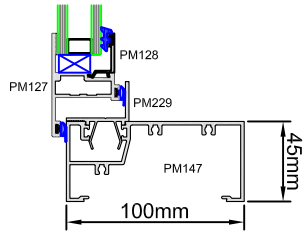
PM234 100mm x 45mm DG CP FRAME
PM331 35mm SASH STOP
PM222 UNIVERSAL HINGE
PM223 35mm SASH HINGE RAIL
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD



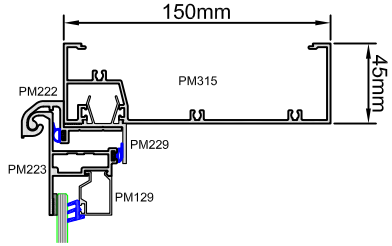
2005 SERIES



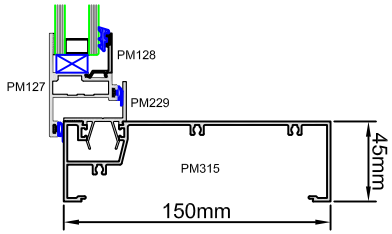
PM147 100mm x 45mm FG FRAME
PM229 35mm SASH STOP
PM222 UNIVERSAL HINGE
PM223 35mm SASH HINGE RAIL
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD
PM129 35mm SG SASH BEAD



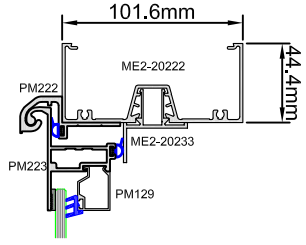
2006 SERIES



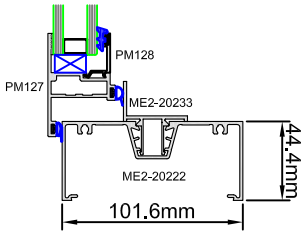
PM315 150mm x 45mm FG FRAME
PM229 35mm SASH STOP
PM222 UNIVERSAL HINGE
PM223 35mm SASH HINGE RAIL
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD
PM129 35mm SG SASH BEAD



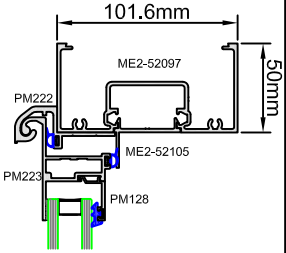
2007 SERIES



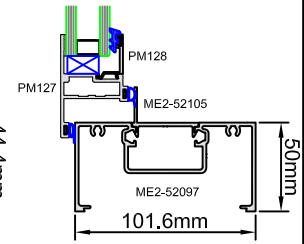
ME2-20222 101.6mm x 44.4mm FRAME
ME2-20233 35mm SASH STOP
PM222 UNIVERSAL HINGE
PM223 35mm SASH HINGE RAIL
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD
PM129 35mm SG SASH BEAD



2008 SERIES

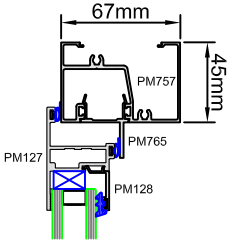


ME2-20222 101.6mm x 44.4mm FRAME
ME2-20233 35mm SASH STOP
PM222 UNIVERSAL HINGE
PM223 35mm SASH HINGE RAIL
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD

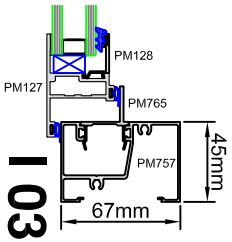


TYPE "B" 35mm SIDE STAY MOUNTED AWNING SASH

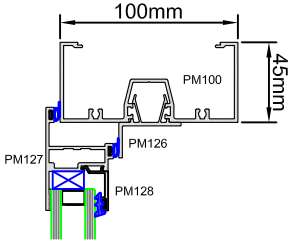
2001 SERIES



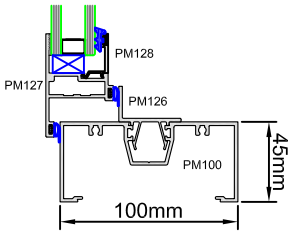
PM757 67mm x 45mm FG FRAME
PM765 35mm SASH STOP
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD
PM129 35mm SG SASH BEAD



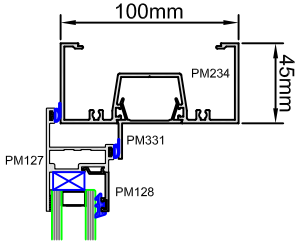
2002 SERIES



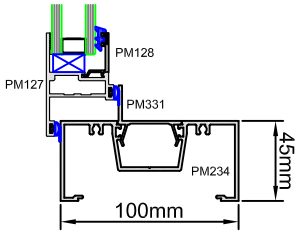
PM100 100mm x 45mm CP FRAME
PM126 35mm SASH STOP
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD
PM129 35mm SG SASH BEAD



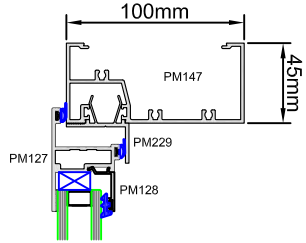
2003 SERIES



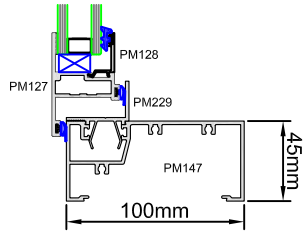
PM234 100mm x 45mm DG CP FRAME
PM331 35mm SASH STOP
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD



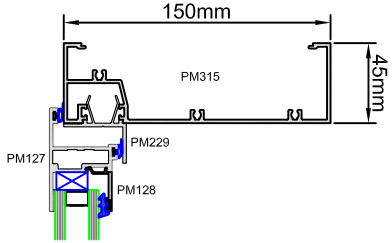
2005 SERIES



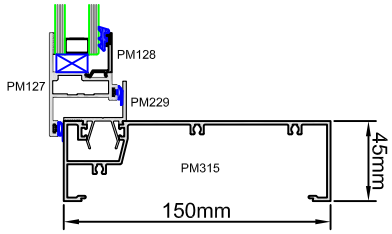
PM147 100mm x 45mm FG FRAME
PM229 35mm SASH STOP
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD
PM129 35mm SG SASH BEAD



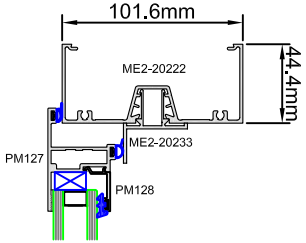
2006 SERIES



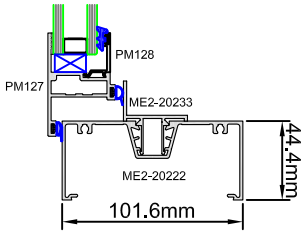
PM315 150mm x 45mm FG FRAME
PM229 35mm SASH STOP
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD
PM129 35mm SG SASH BEAD



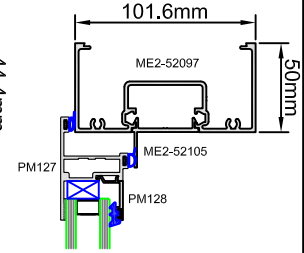
2007 SERIES



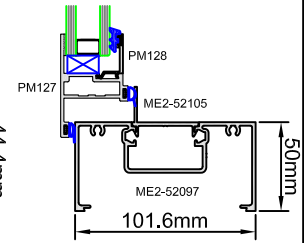
ME2-20222 101.6mm x 44.4mm FRAME
ME2-20233 35mm SASH STOP
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD
PM129 35mm SG SASH BEAD



2008 SERIES



ME2-20222 101.6mm x 44.4mm FRAME
ME2-20233 35mm SASH STOP
PM127 35mm SASH FRAME
PM128 35mm DG SASH BEAD



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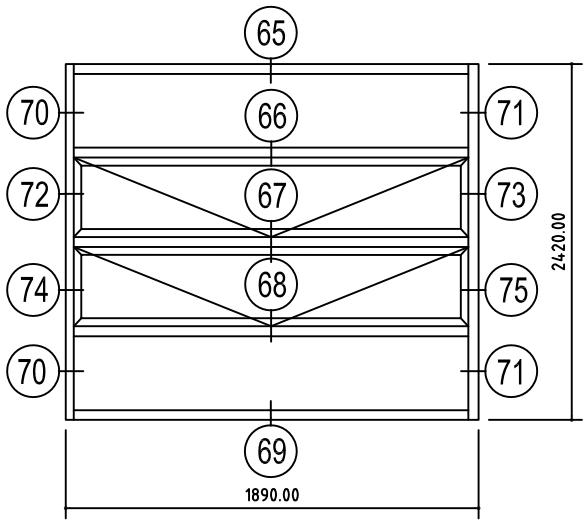
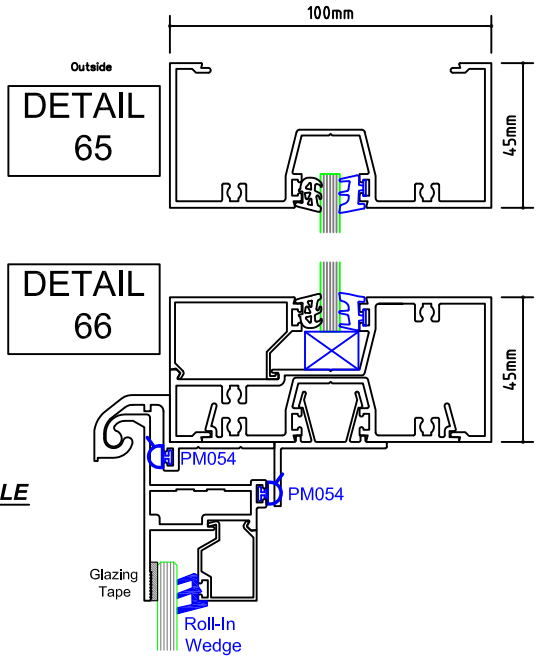
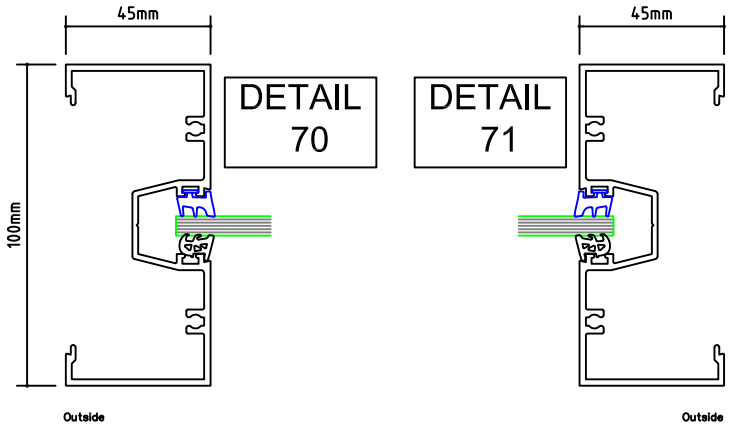
35mm AWNING SASH ASSEMBLY DETAILS

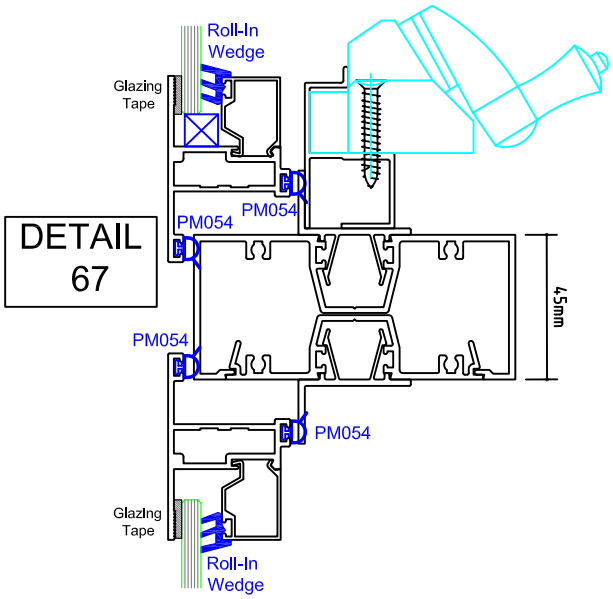


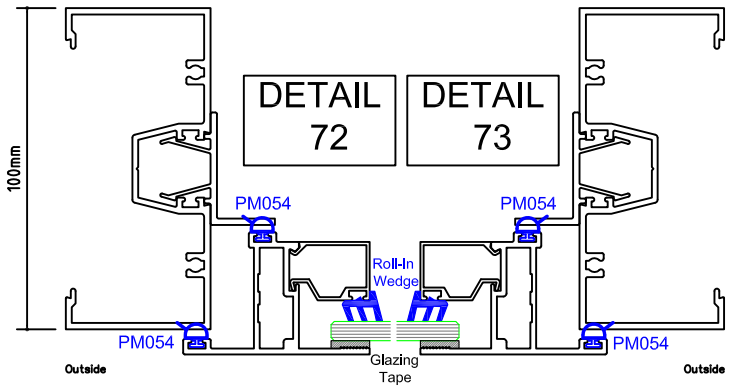
TYPICAL ELEVATION

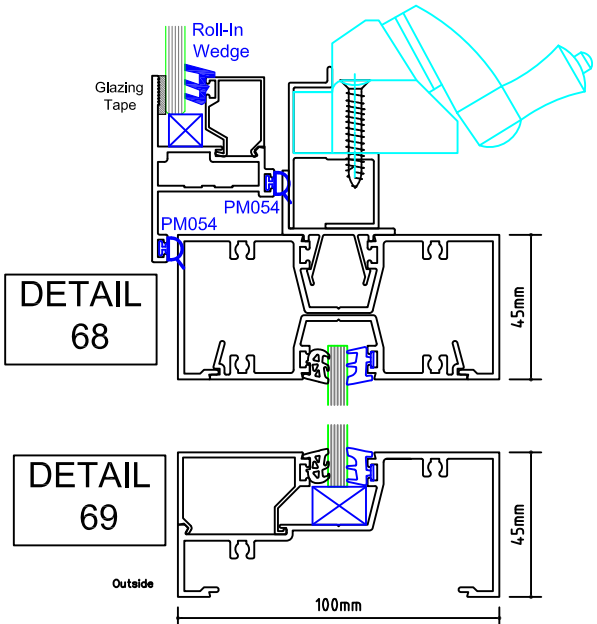
NOT TO SCALE

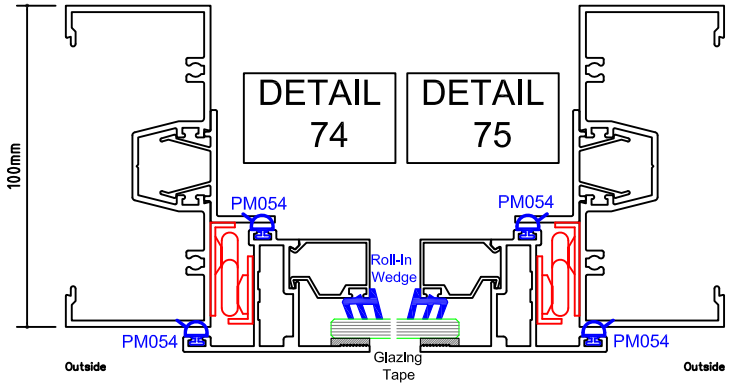






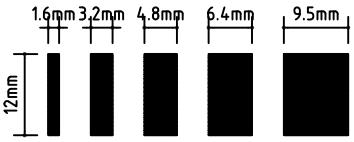




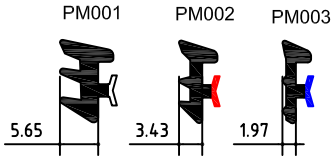


35mm AWNING SASH GLAZING DETAILS

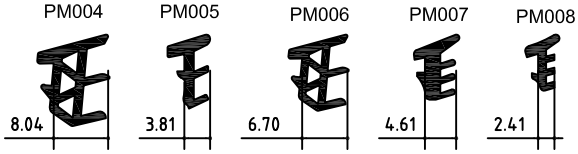
GLAZING TAPES

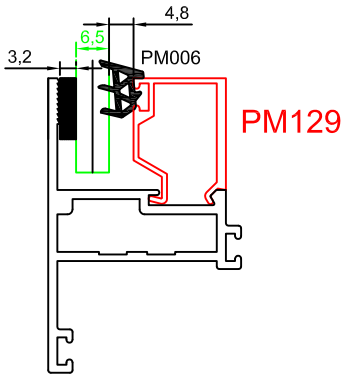


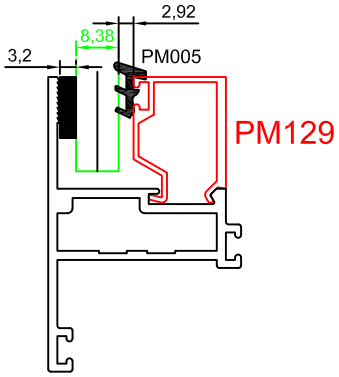
CAPTIVE WEDGES

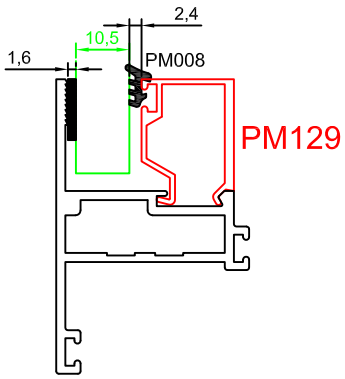


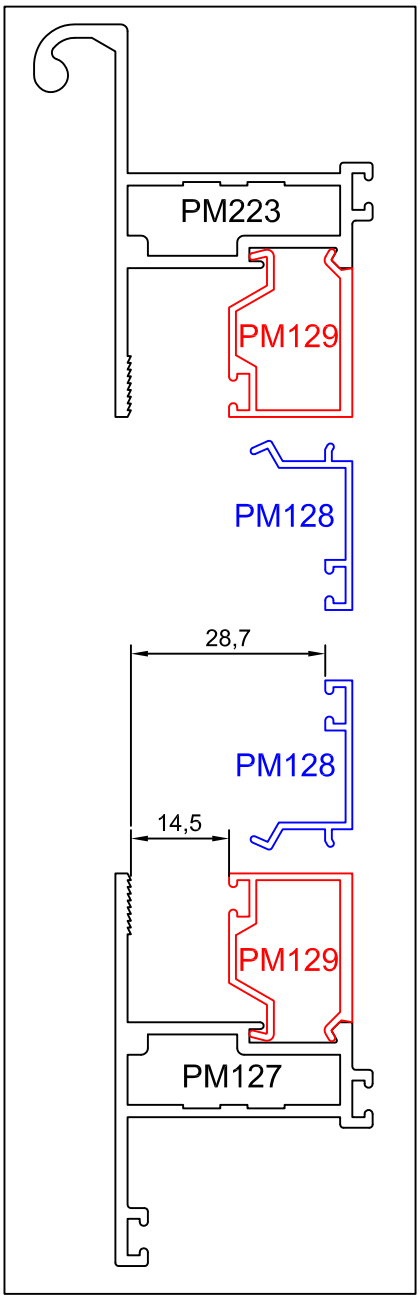
ROLL-IN WEDGES

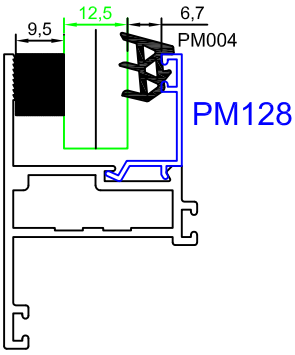


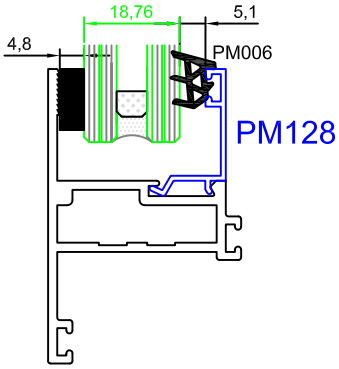


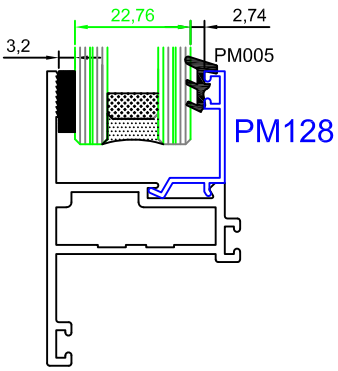


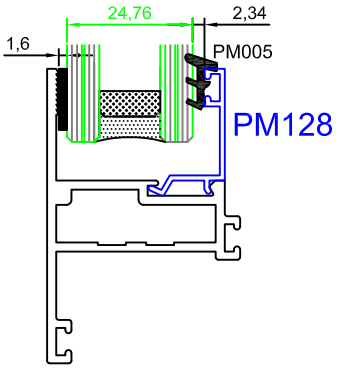












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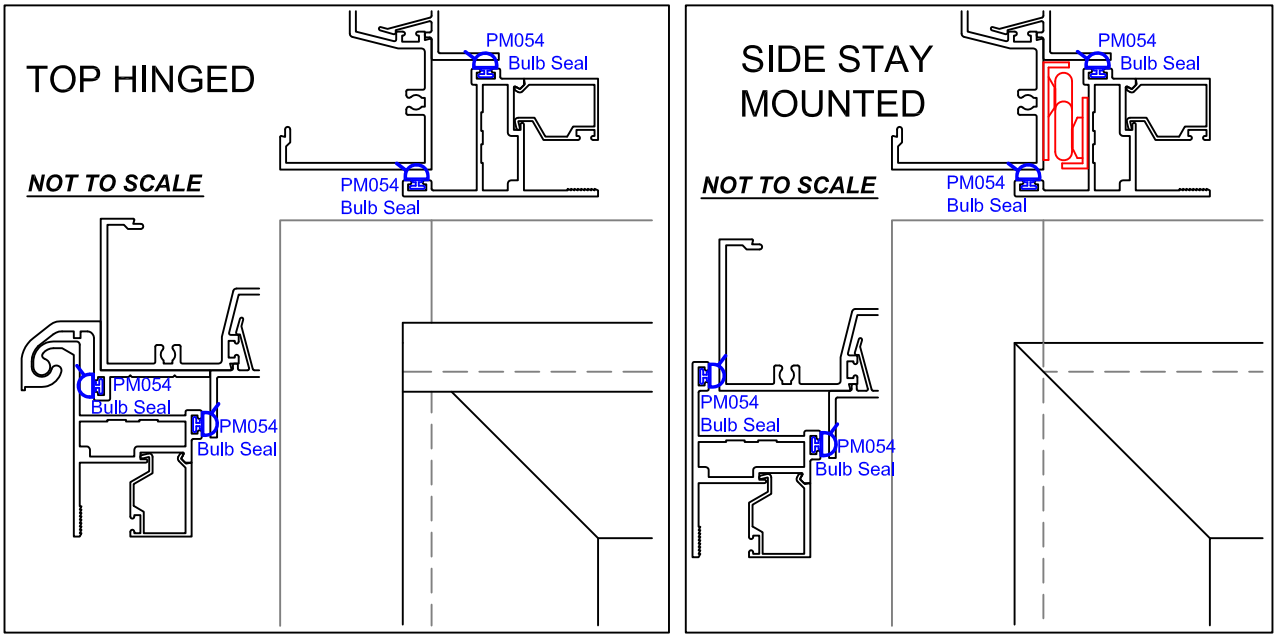
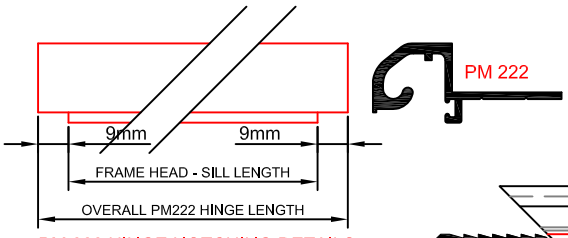
35mm AWNING SASH

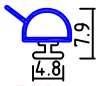
MAXIMUM RECOMMENDED SASH DIMENSIONS & LOAD :

HEIGHT = 1500mm WIDTH = 1200mm WEIGHT = 90kgs M² = 1.2



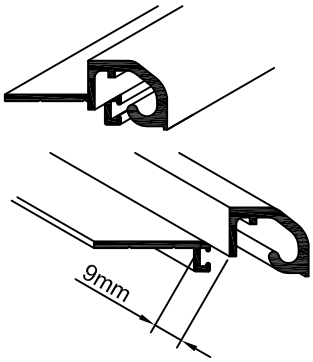


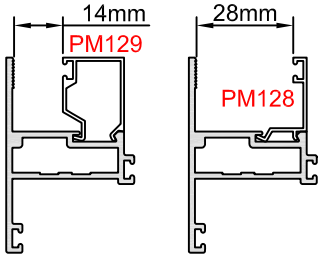
PM 222 HINGE NOTCHING DETAILS

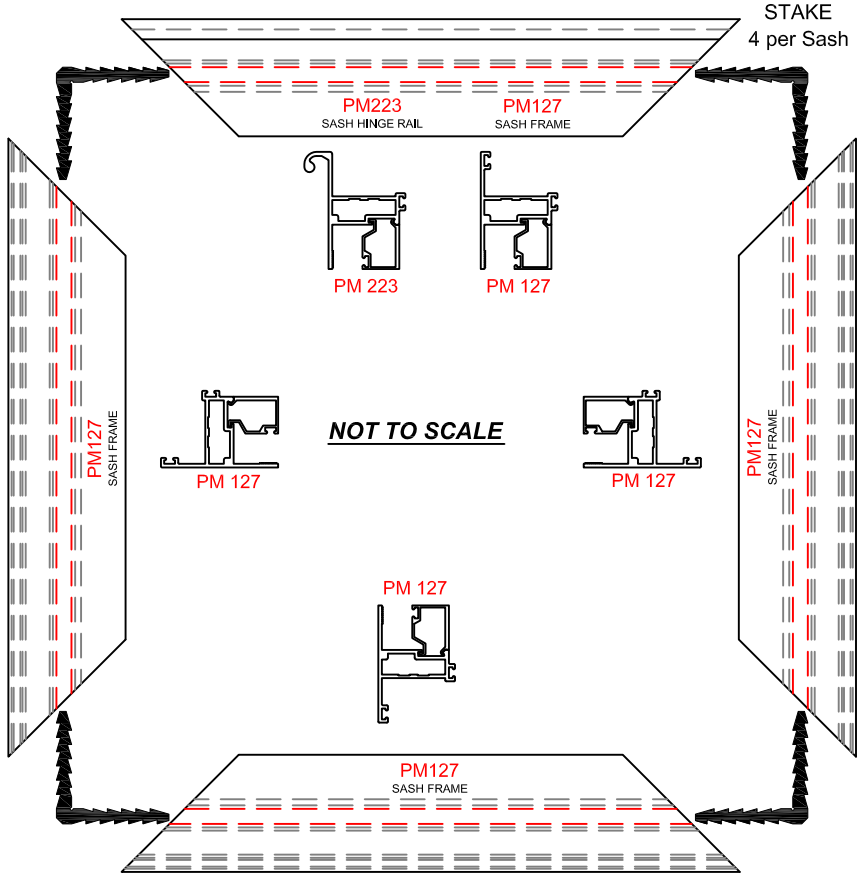


PM 054
Santoprene
Co-Extruded
Bulb Seal

PM 051
AWNING SASH CORNER
STAKE
4 per Sash







35mm TOP HINGED or SIDE STAYED SASH - SINGLE GLAZED CENTRE POCKET FRAMES			
PM127 Sash Frame - TH / SSS:	Daylight Height Plus (+) 17mm	2 off	45deg Mitred
PM222 Top Hinge - TH:	Daylight Width Plus (+) 18mm	1 off	Square cut / Notch
PM223 Sash Hinge Rail - TH:	Daylight Width Plus (+) 17mm	1 off	45deg Mitred
PM127 Sash Frame - TH:	Daylight Width Plus (+) 17mm	1 off	45deg Mitred
PM127 Sash Frame - SSS:	Daylight Width Plus (+) 17mm	2 off	45deg Mitred
PM126 Sash Stop - TH / SSS:	Daylight Height Plus (+) 31mm	2 off	45deg Mitred
PM126 Sash Stop - TH / SSS:	Daylight Width Plus (+) 31mm	2 off	45deg Mitred
PM128 / 129 Sash Bead - TH / SSS:	Daylight Height Minus (-) 98mm	2 off	Square Cut
PM128 / 129 Sash Bead - TH / SSS:	Daylight Width Minus (-) 55mm	2 off	Square Cut

35mm TOP HINGED or SIDE STAYED SASH - SINGLE GLAZED FRONT POCKET FRAMES			
PM127 Sash Frame - TH / SSS:	Daylight Height Plus (+) 17mm	2 off	45deg Mitred
PM222 Top Hinge - TH:	Daylight Width Plus (+) 18mm	1 off	Square cut / Notch
PM223 Sash Hinge Rail - TH:	Daylight Width Plus (+) 17mm	1 off	45deg Mitred
PM127 Sash Frame - TH:	Daylight Width Plus (+) 17mm	1 off	45deg Mitred
PM127 Sash Frame - SSS:	Daylight Width Plus (+) 17mm	2 off	45deg Mitred
PM229 Sash Stop - TH / SSS:	Daylight Height Plus (+) 31mm	2 off	45deg Mitred
PM229 Sash Stop - TH / SSS:	Daylight Width Plus (+) 31mm	2 off	45deg Mitred
PM128 / 129 Sash Bead - TH / SSS:	Daylight Height Minus (-) 98mm	2 off	Square Cut
PM128 / 129 Sash Bead - TH / SSS:	Daylight Width Minus (-) 55mm	2 off	Square Cut

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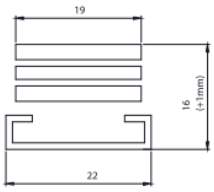
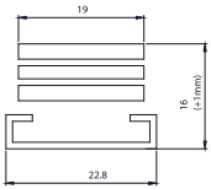
35mm AWNING SASH
STAYS, WINDERS , HANDLES

HARDWARE

Non Stocked Items
Please Refer to
Suppliers Details



DN168 & DN169



DN171/DN172/DN173

FRICTION / NON-FRICTION STAYS

Code	Size	Window Type	Stack Height (+1mm)	Max Vent Height	Max Vent Width	Max Weight	Product Number
DN168	10"	Awning	16 mm	400 mm	1200 mm	26 kg	9030632
DN169	16"	Awning	16 mm	750 mm	1200 mm	40 kg	9030633
DN171	20"	Awning	16 mm	1600 mm	1600 mm	108 kg	9044288
DN172	24"	Awning	16 mm	1800 mm	1800 mm	120 kg	9044289
DN173	28"	Awning	16 mm	2000 mm	2000 mm	130 kg	9044290
DN168	10"	Casement	16 mm	1600 mm	500 mm	35 kg	9030632
DN169	16"	Casement	16 mm	1800 mm	750 mm	42 kg	9030633

CHAIN WINDER - Keyed / Non-Keyed

Non Stocked Items
Please Refer to
Suppliers Details

AWNING HANDLE - LH / RH
Keyed / Non-Keyed

PM044BK
Non Keyed
Stocked Item

NOTES:

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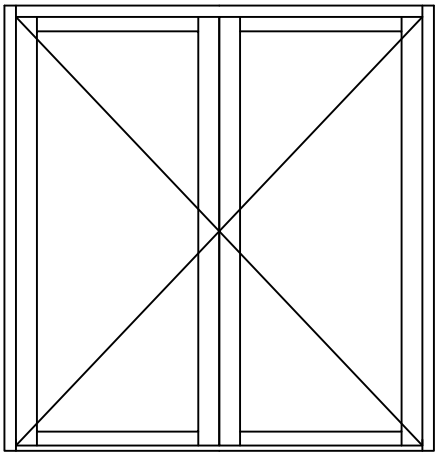
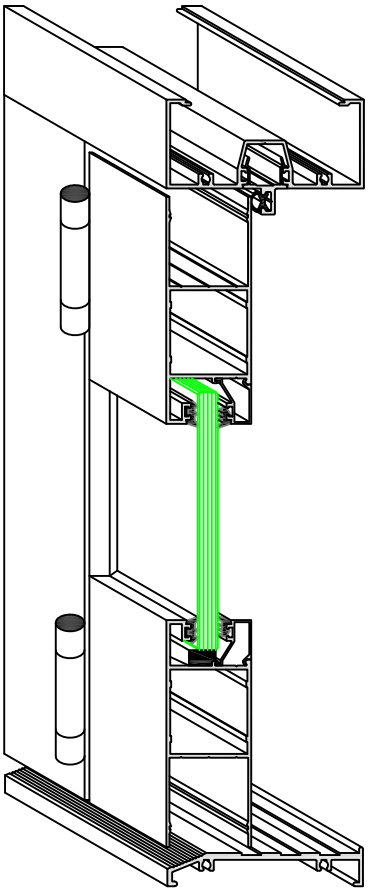
45mm COMMERCIAL SHOPFRONT DOORS

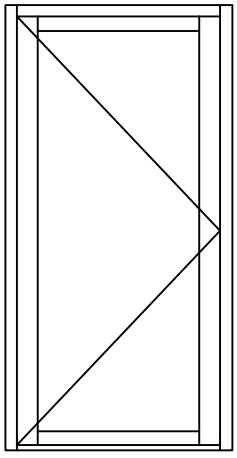
TYPICAL CONFIGURATIONS

(APPLIES TO BOTH 100mm and 150mm FRAMING SYSTEMS)

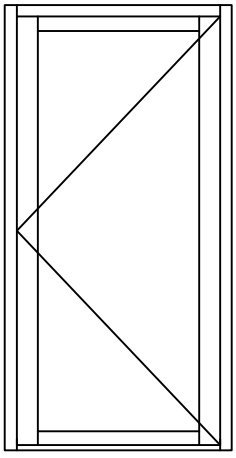


DOUBLE PANEL HINGED DOORS
- OPEN IN
- OPEN OUT

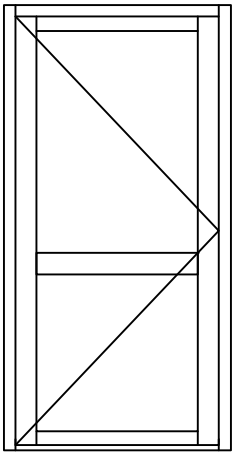




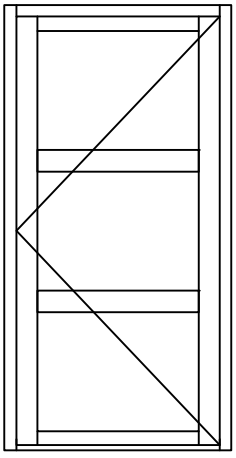
LEFT HAND HINGED
- OPEN IN
- OPEN OUT



RIGHT HAND HINGED
- OPEN IN
- OPEN OUT



LEFT HAND HINGED
- OPEN IN
- OPEN OUT



RIGHT HAND HINGED
- OPEN IN
- OPEN OUT

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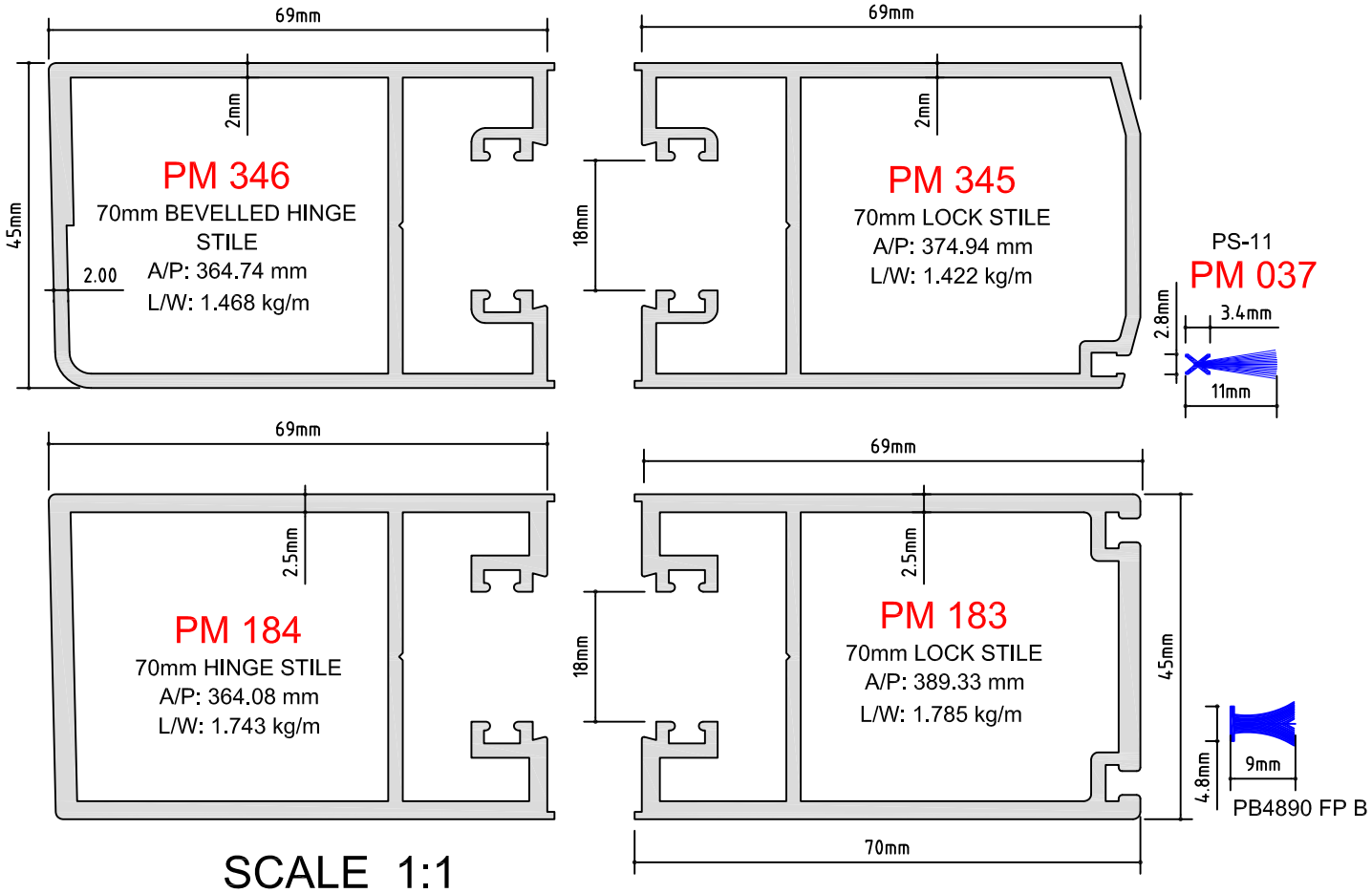
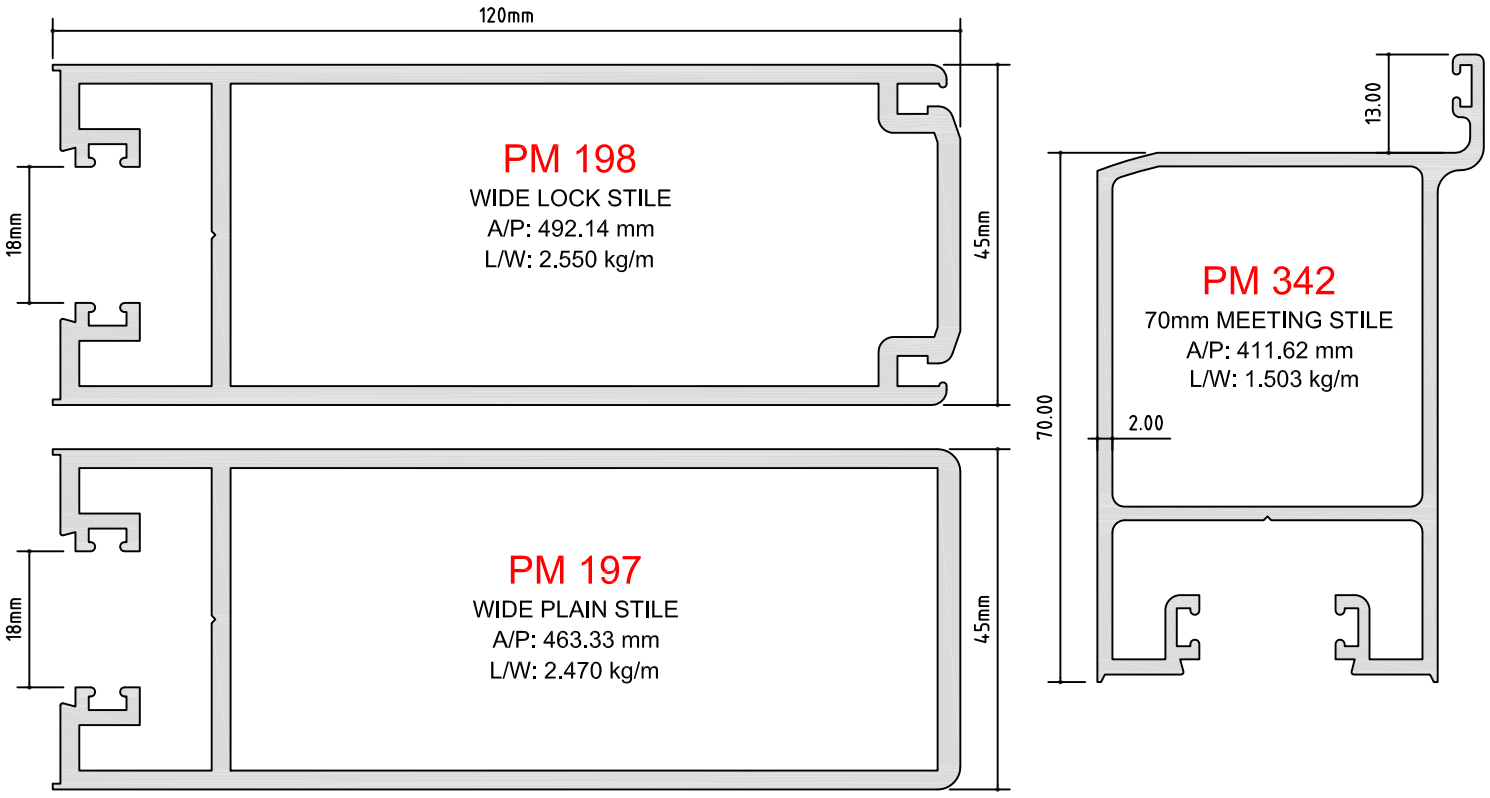
45mm COMMERCIAL DOORS
PM SERIES SECTIONS



SCALE 1:1



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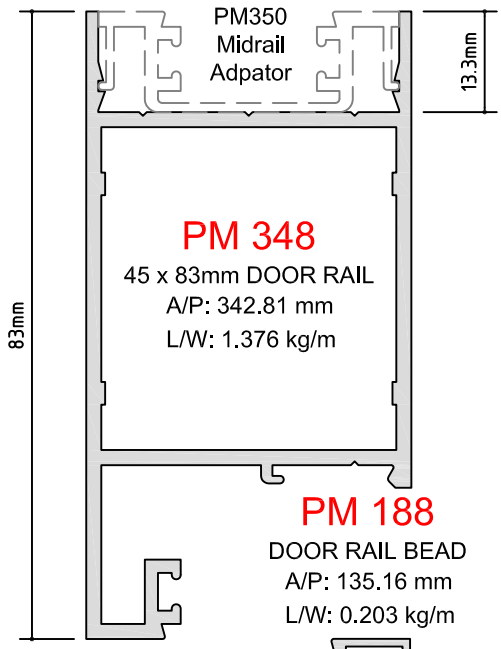
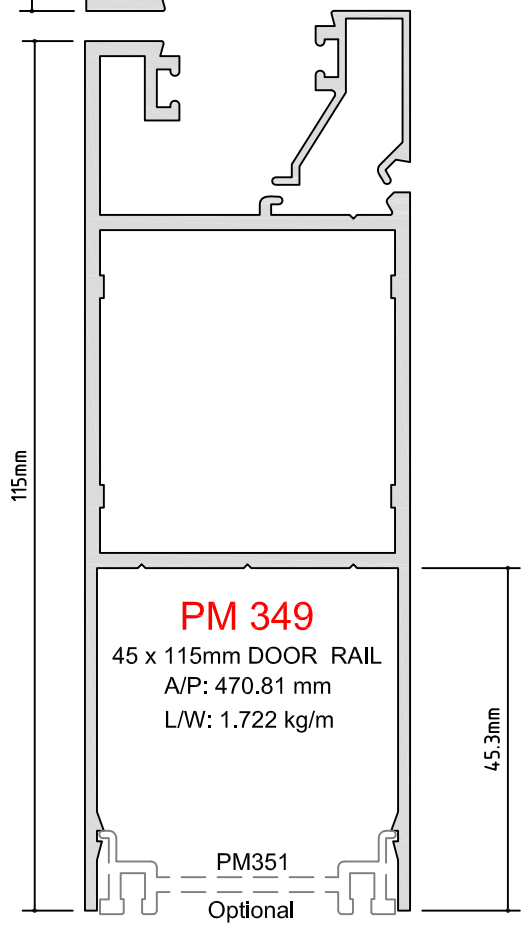
45mm COMMERCIAL DOORS
PM SERIES SECTIONS

SCALE 1:1



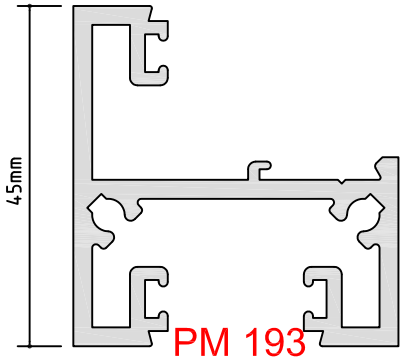
PM 348
45 x 83mm DOOR RAIL
A/P: 342.81 mm
L/W: 1.376 kg/m

PM 188
DOOR RAIL BEAD
A/P: 135.16 mm
L/W: 0.203 kg/m

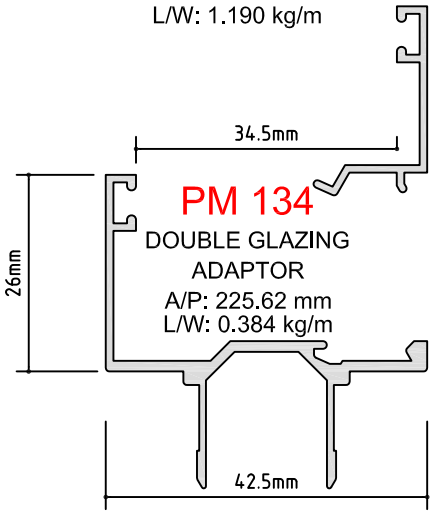


PM 349
45 x 115mm DOOR RAIL
A/P: 470.81 mm
L/W: 1.722 kg/m

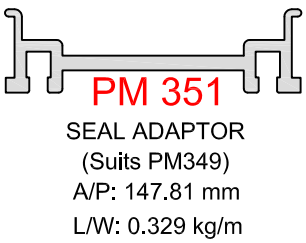
PM 350
MID-RAIL ADAPTOR
(suits PM348 & PM349)
A/P: 193.17 mm
L/W: 0.385 kg/m



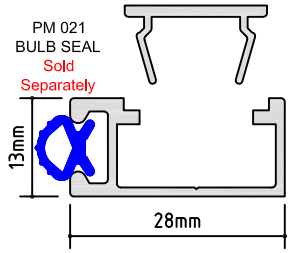
PM 193
45mm DOOR MID-RAIL
A/P: 379.44 mm
L/W: 1.190 kg/m



PM 134
DOUBLE GLAZING
ADAPTOR
A/P: 225.62 mm
L/W: 0.384 kg/m



PM 351
SEAL ADAPTOR
(Suits PM349)
A/P: 147.81 mm
L/W: 0.329 kg/m

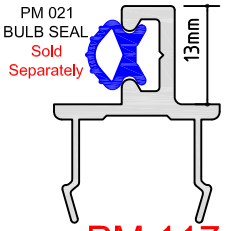


PM 721
UNIVERSAL DOOR
STOP BEAD
A/P: 77.61 mm
L/W: 0.124 kg/m

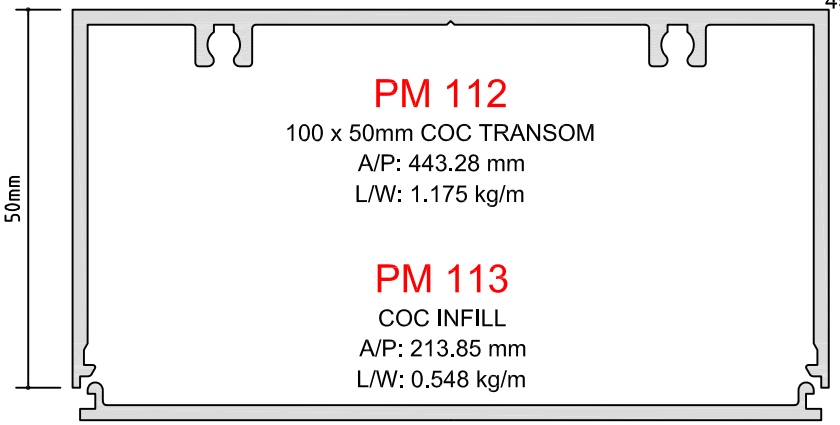
PM 722
UNIVERSAL DOOR
STOP BASE
A/P: 131.36 mm
L/W: 0.255 kg/m

PM 128
BEAD
A/P: 97.46 mm
L/W: 0.132 kg/m

PM 116
POCKET INFILL
A/P: 104.23 mm
L/W: 0.177 kg/m



PM 117
45mm DOOR STOP
A/P: 143.11 mm
L/W: 0.311 kg/m



PM 112
100 x 50mm COC TRANSOM
A/P: 443.28 mm
L/W: 1.175 kg/m

PM 113
COC INFILL
A/P: 213.85 mm
L/W: 0.548 kg/m

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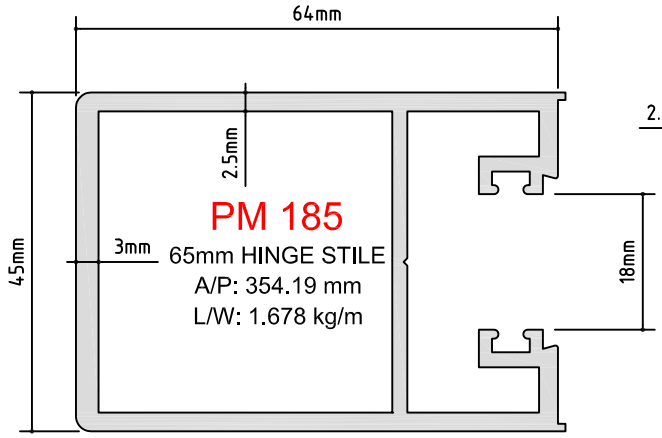
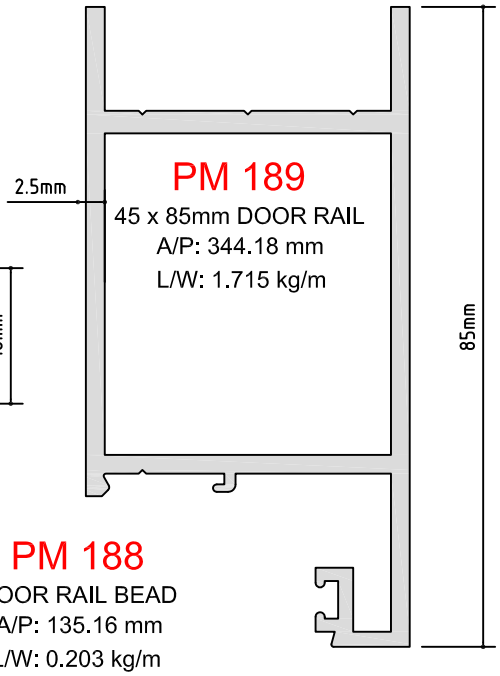
45mm COMMERCIAL DOORS
PM SERIES SECTIONS

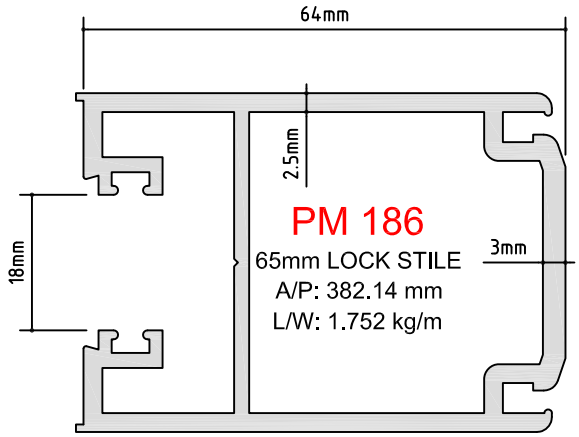


PM 185
65mm HINGE STILE
A/P: 354.19 mm
L/W: 1.678 kg/m

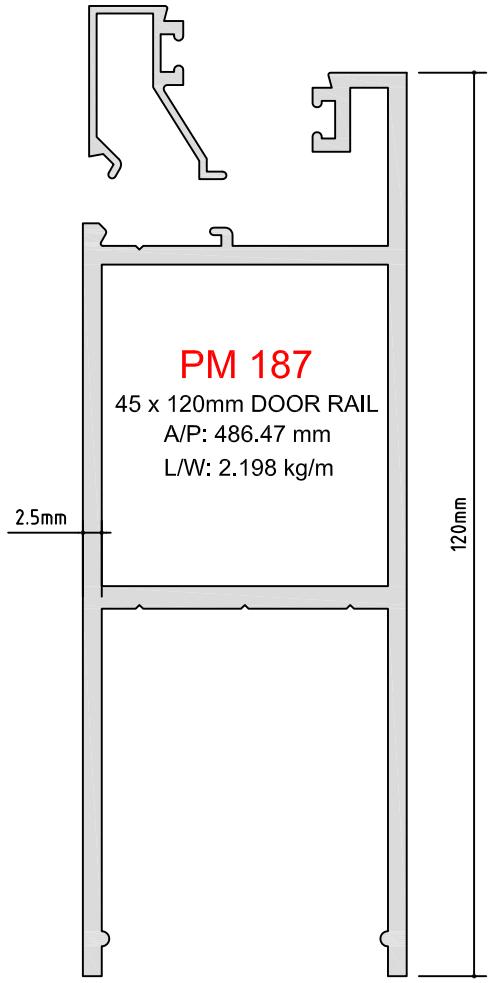


PM 189
45 x 85mm DOOR RAIL
A/P: 344.18 mm
L/W: 1.715 kg/m

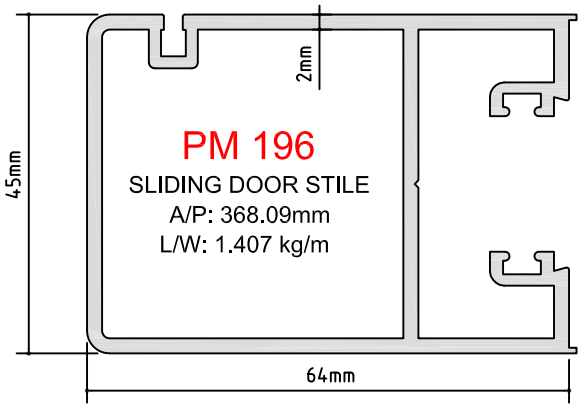
PM 188
DOOR RAIL BEAD
A/P: 135.16 mm
L/W: 0.203 kg/m



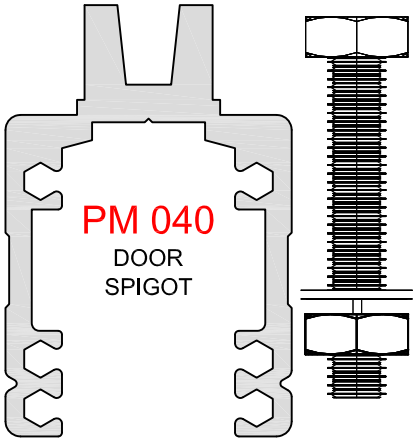
PM 186
65mm LOCK STILE
A/P: 382.14 mm
L/W: 1.752 kg/m



PM 187
45 x 120mm DOOR RAIL
A/P: 486.47 mm
L/W: 2.198 kg/m



PM 196
SLIDING DOOR STILE
A/P: 368.09mm
L/W: 1.407 kg/m



PM 040
DOOR
SPIGOT

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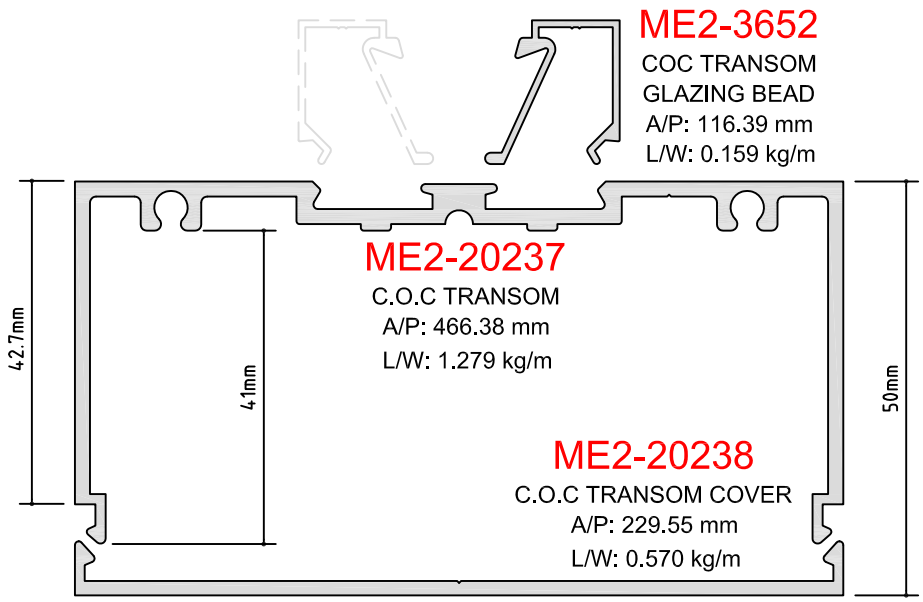
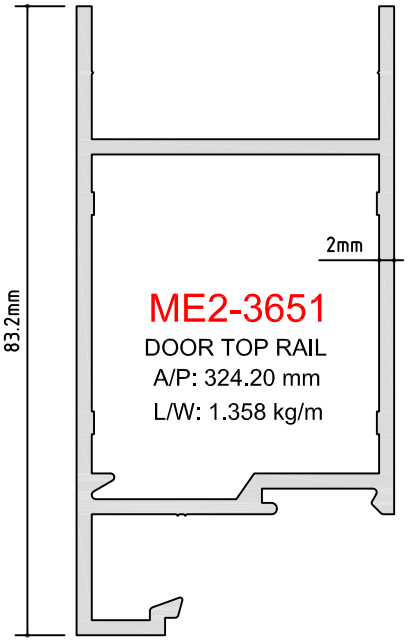
45mm COMMERCIAL DOORS
ME2 SERIES SECTIONS



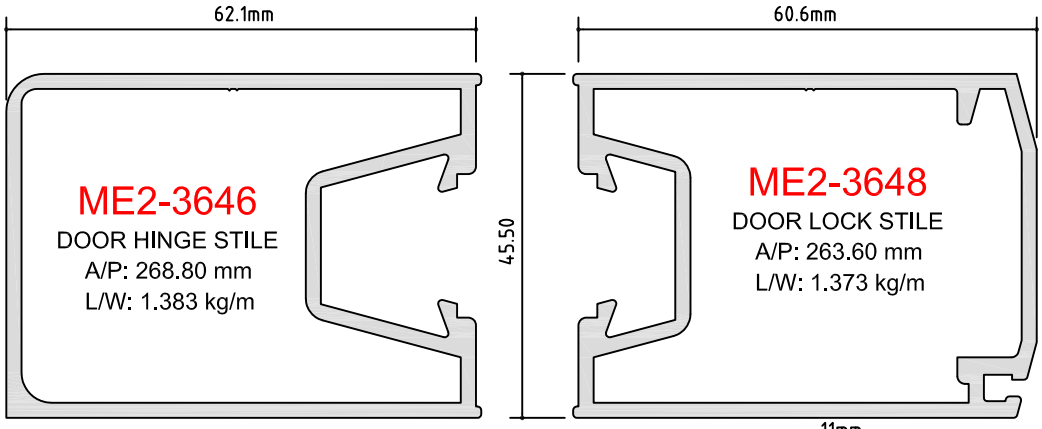
ME2-3652
COC TRANSOM
GLAZING BEAD
A/P: 116.39 mm
L/W: 0.159 kg/m

ME2-20237
C.O.C TRANSOM
A/P: 466.38 mm
L/W: 1.279 kg/m

ME2-20238
C.O.C TRANSOM COVER
A/P: 229.55 mm
L/W: 0.570 kg/m



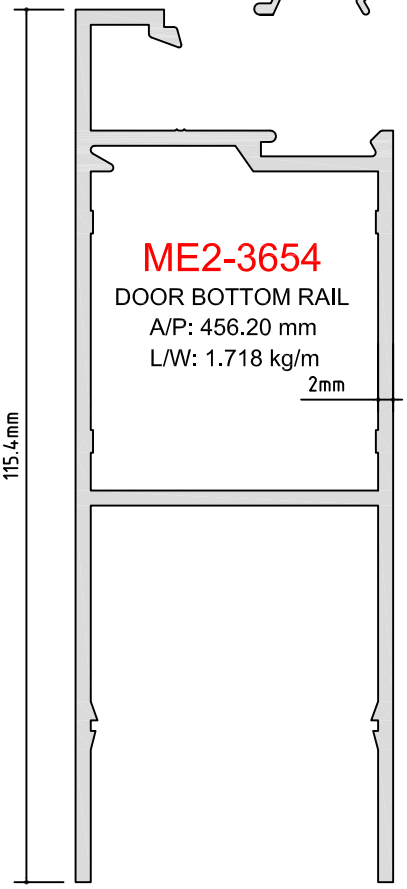
ME2-3651
DOOR TOP RAIL
A/P: 324.20 mm
L/W: 1.358 kg/m



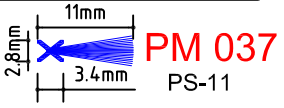
ME2-3646
DOOR HINGE STILE
A/P: 268.80 mm
L/W: 1.383 kg/m

ME2-3648
DOOR LOCK STILE
A/P: 263.60 mm
L/W: 1.373 kg/m

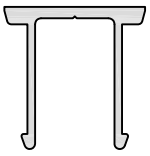
ME2-3652
DOOR RAIL BEAD
A/P: 118.10 mm
L/W: 0.157 kg/m



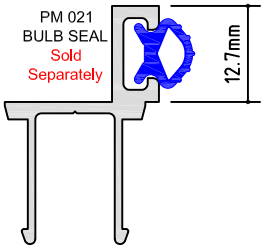
ME2-3654
DOOR BOTTOM RAIL
A/P: 456.20 mm
L/W: 1.718 kg/m



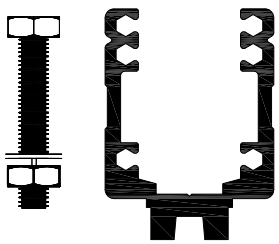
PM 037
PS-11



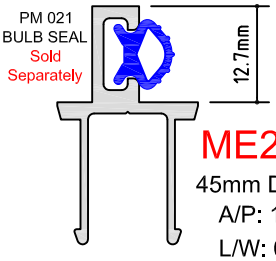
ME2-20230
POCKET FILLER
A/P: 108.95 mm
L/W: 0.186 kg/m



ME2-20231
35mm DOOR STOP
A/P: 151.89 mm
L/W: 0.293 kg/m



ME2-SPIGOT



ME2-20232
45mm DOOR STOP
A/P: 148.12 mm
L/W: 0.292 kg/m

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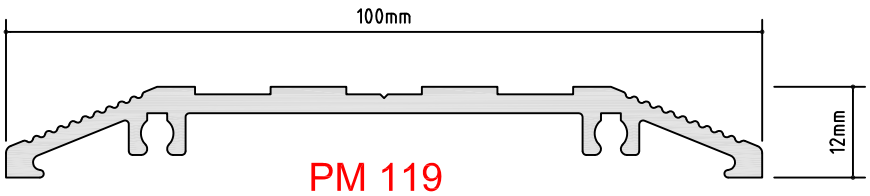
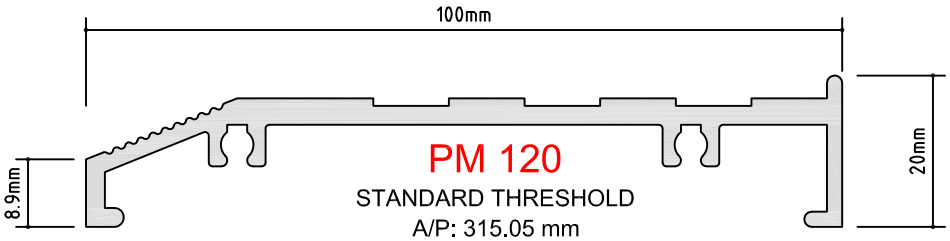
45mm COMMERCIAL DOORS THRESHOLDS



PM 119

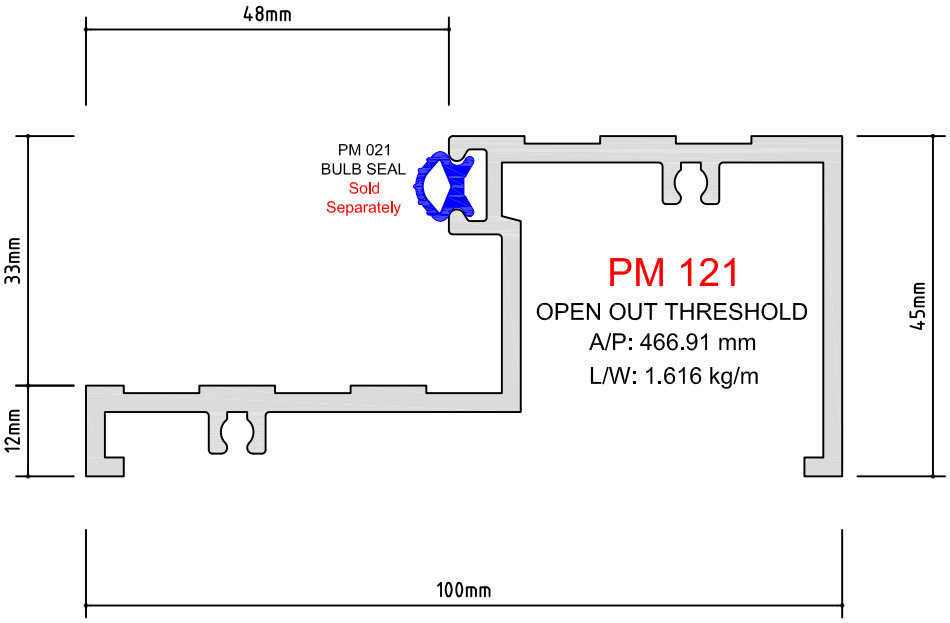
SLOPED THRESHOLD
A/P: 276.18 mm
L/W: 0.925 kg/m

SCALE 1:1



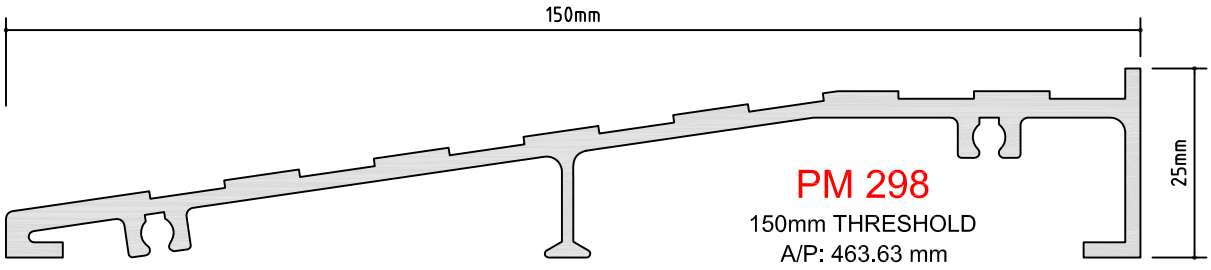
PM 120

STANDARD THRESHOLD
A/P: 315.05 mm
L/W: 1.098 kg/m



PM 121

OPEN OUT THRESHOLD
A/P: 466.91 mm
L/W: 1.616 kg/m



PM 298

150mm THRESHOLD
A/P: 463.63 mm
L/W: 1.515 kg/m
NON STOCKED ITEM

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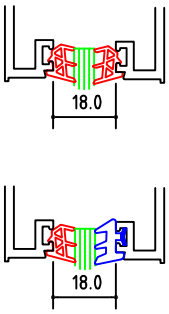
45mm COMMERCIAL DOORS GLAZING DETAILS

PM SERIES 45mm COMMERCIAL DOORS
18mm Pocket

ROLL IN WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
5.00mm	PM 004	PM 004
6.00mm	PM 006	PM 006
6.38mm	PM 006	PM 006
8.00mm	PM 007	PM 007
8.38mm	PM 007	PM 007
10.00mm	PM 005	PM 005
10.38mm	PM 005	PM 005



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Captive Wedge	Roll-in Wedge
6.00mm	PM 001	PM 000
6.38mm	PM 001	PM 000
8.00mm	PM 001	PM 000
8.38mm	PM 001	PM 000
10.00mm	PM 001	PM 004
10.38mm	PM 002	PM 004

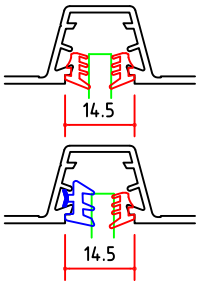
WEDGE TYPES (P.V.C MATERIAL)

 White Back	 Red Back	 Blue Back					
Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

ME2 SERIES 45mm COMMERCIAL DOORS
14.5mm Pocket

ROLL IN WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
5.00mm	PM 007	PM 006
6.00mm	PM 007	PM 007
6.38mm	PM 007	PM 007
8.00mm	PM 008	PM 007
8.38mm	PM 008	PM 007
10.00mm	PM 008	PM 008
10.38mm	PM 008	PM 008



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Captive Wedge	Roll-in Wedge
5.00mm	PM 001	PM 006
6.00mm	PM 001	PM 007
6.38mm	PM 001	PM 007
8.00mm	PM 002	PM 007
8.38mm	PM 002	PM 007
10.00mm	PM 003	PM 008
10.38mm	PM 003	PM 008

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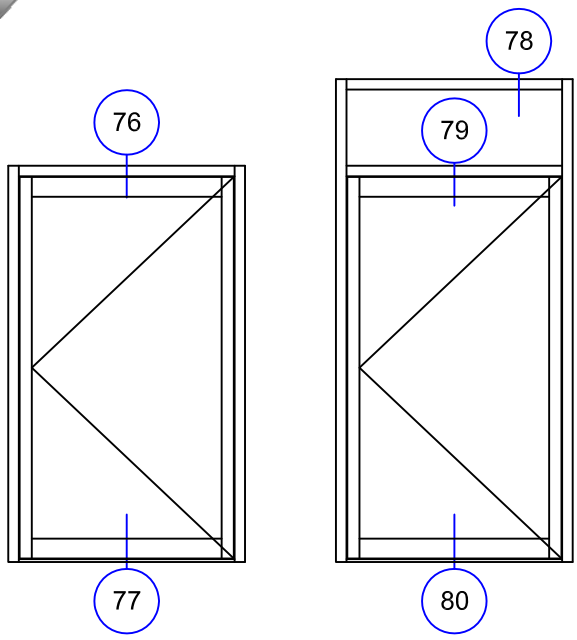
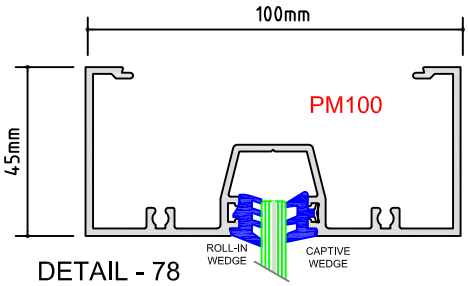
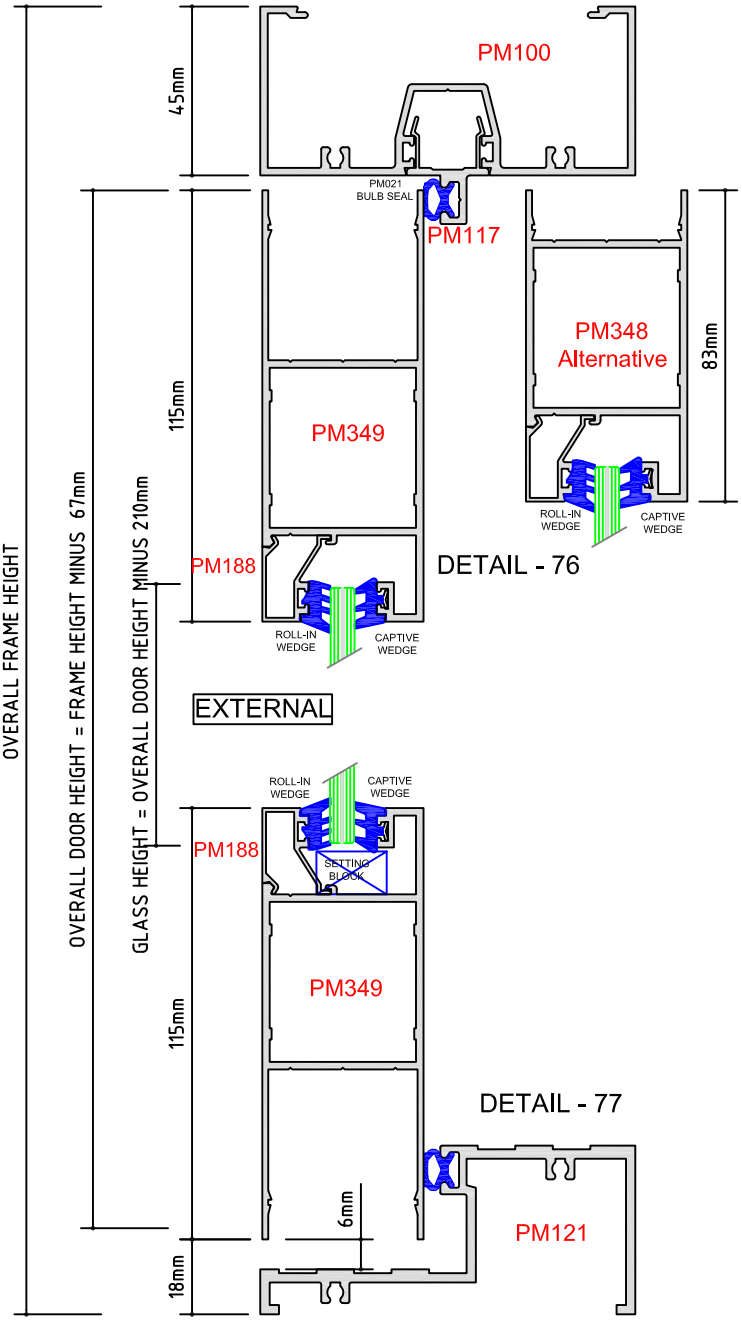
45mm SHOPFRONT DOORS
TYPICAL ELEVATION DETAILS
RIGHT HAND HINGED





DETAIL - 78

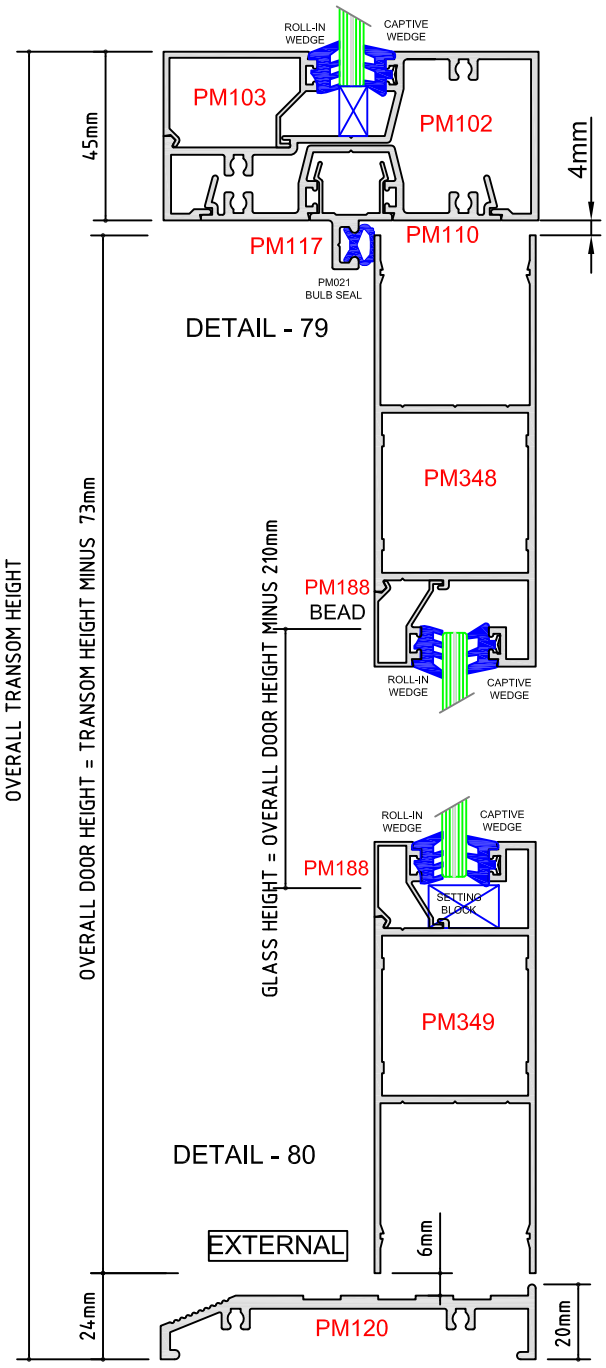
SCALE 1:2



DETAIL - 76

DETAIL - 77

OUTWARD OPENING



DETAIL - 79

DETAIL - 80

INWARD OPENING

J 08

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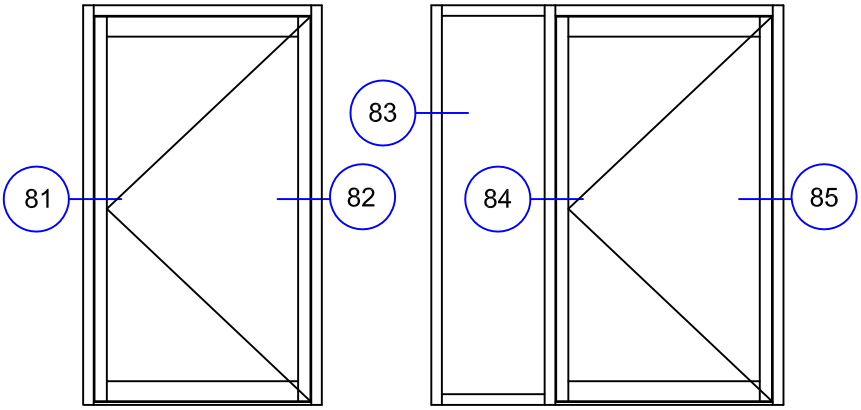
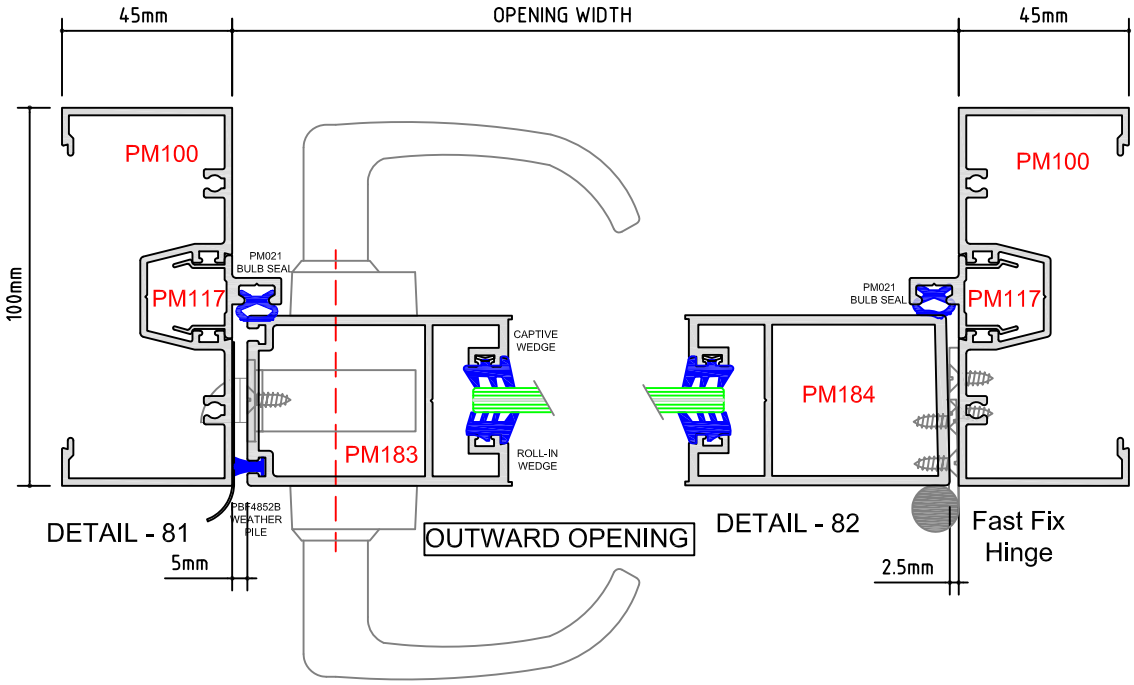
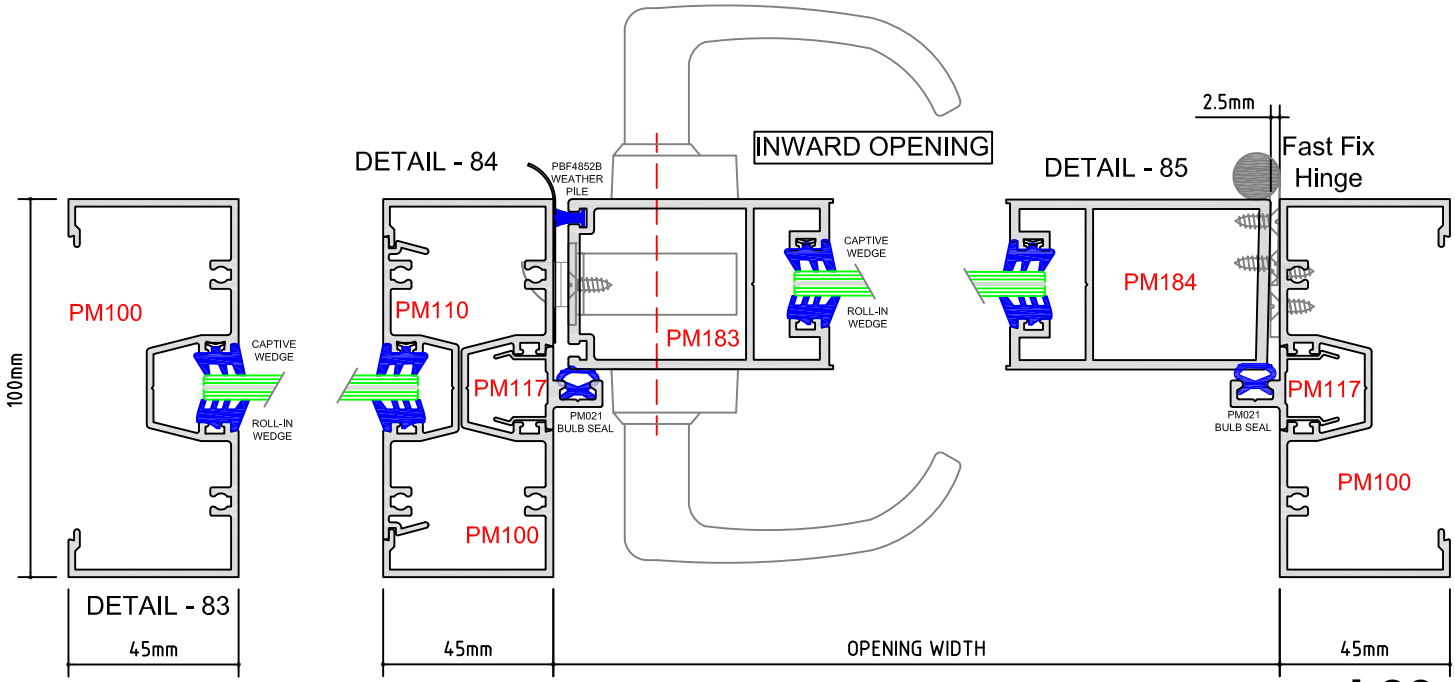
45mm SHOPFRONT DOORS
TYPICAL DETAILS
RIGHT HAND HINGED



SCALE 1:2





J 09

PRESS METAL
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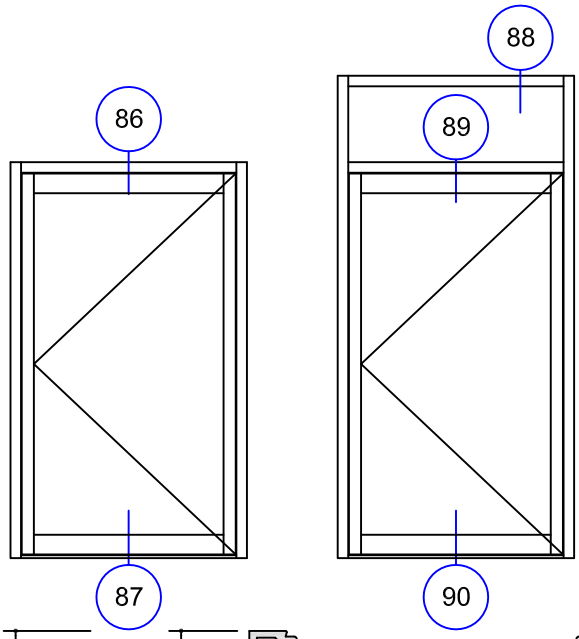
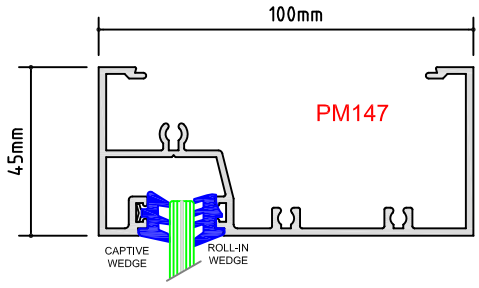
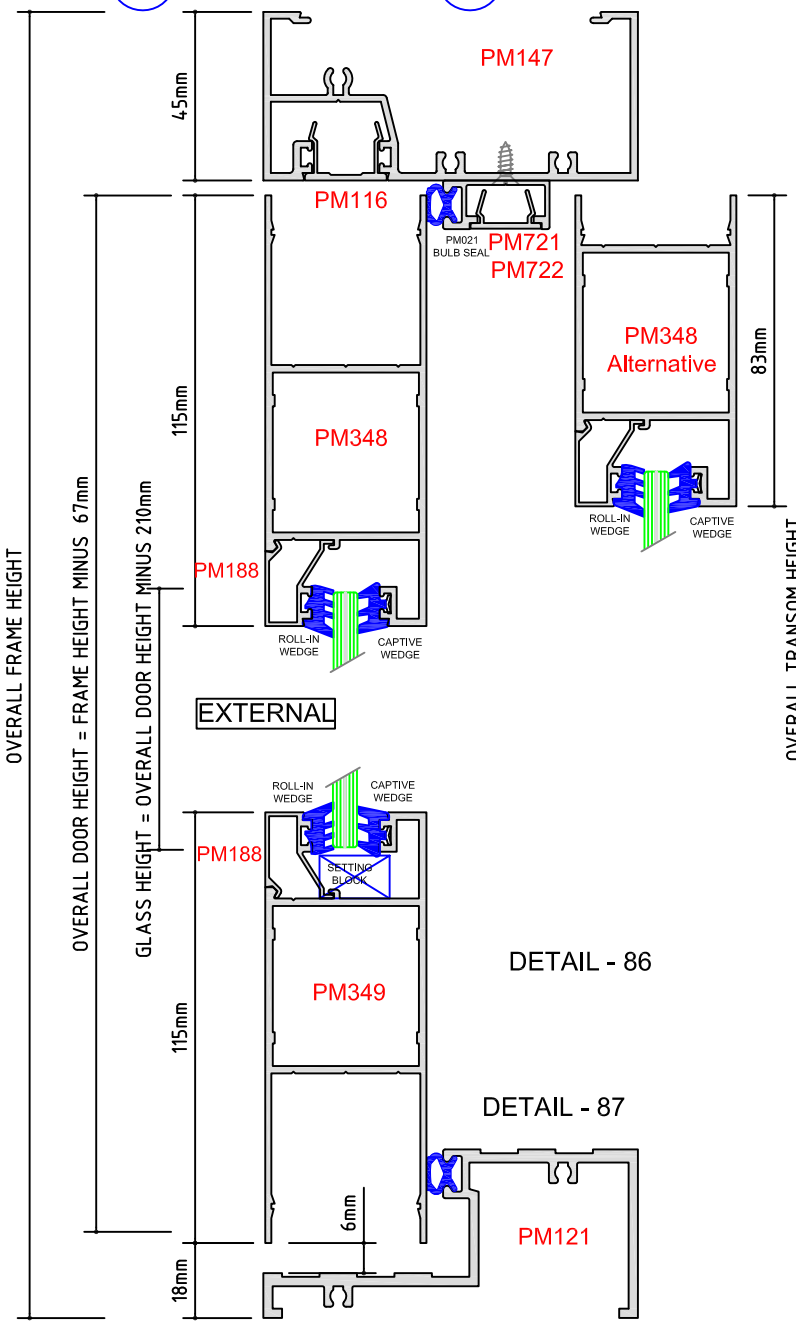
45mm SHOPFRONT DOORS
TYPICAL ELEVATION DETAILS
RIGHT HAND HINGED

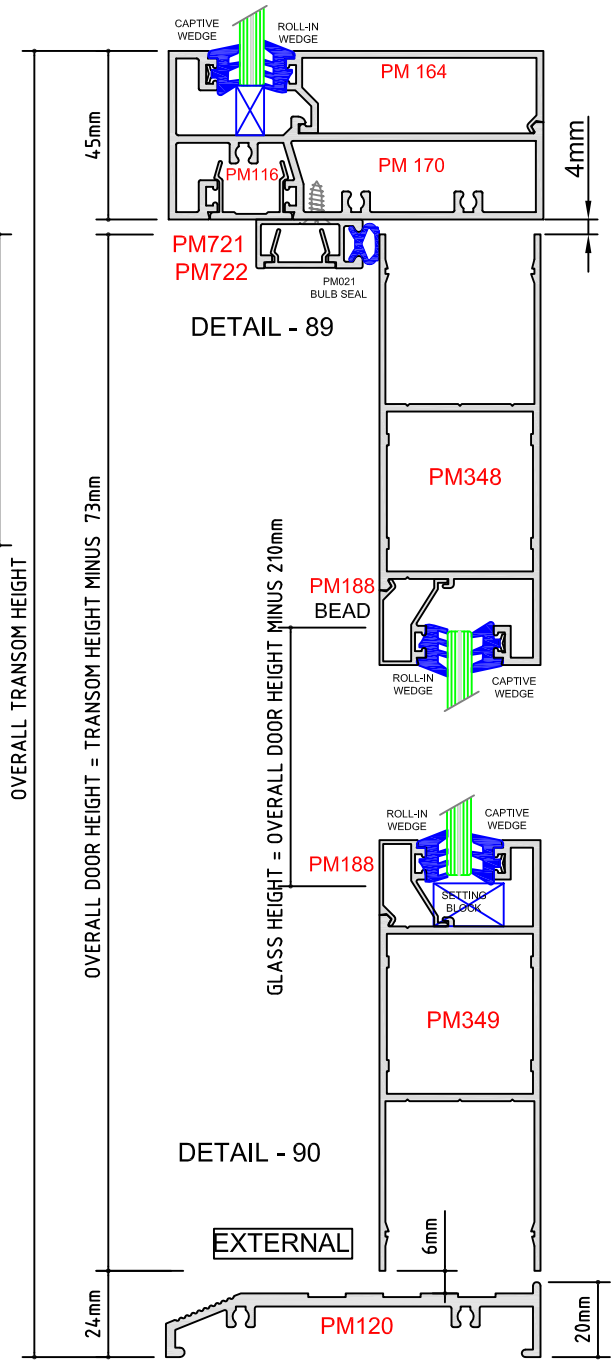




DETAIL - 88

SCALE 1:2





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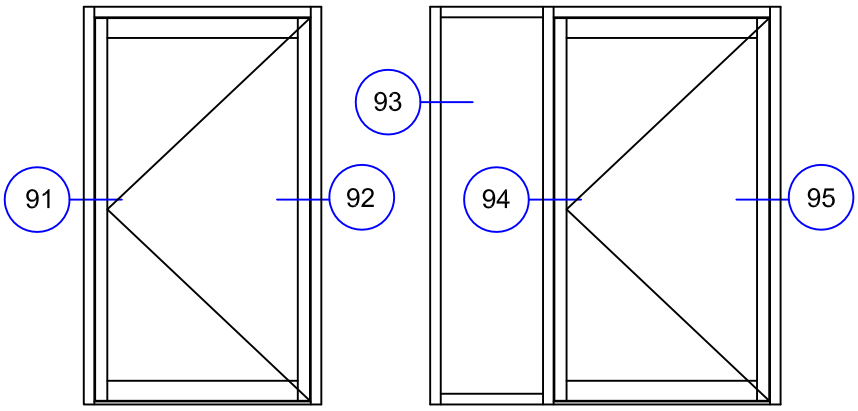
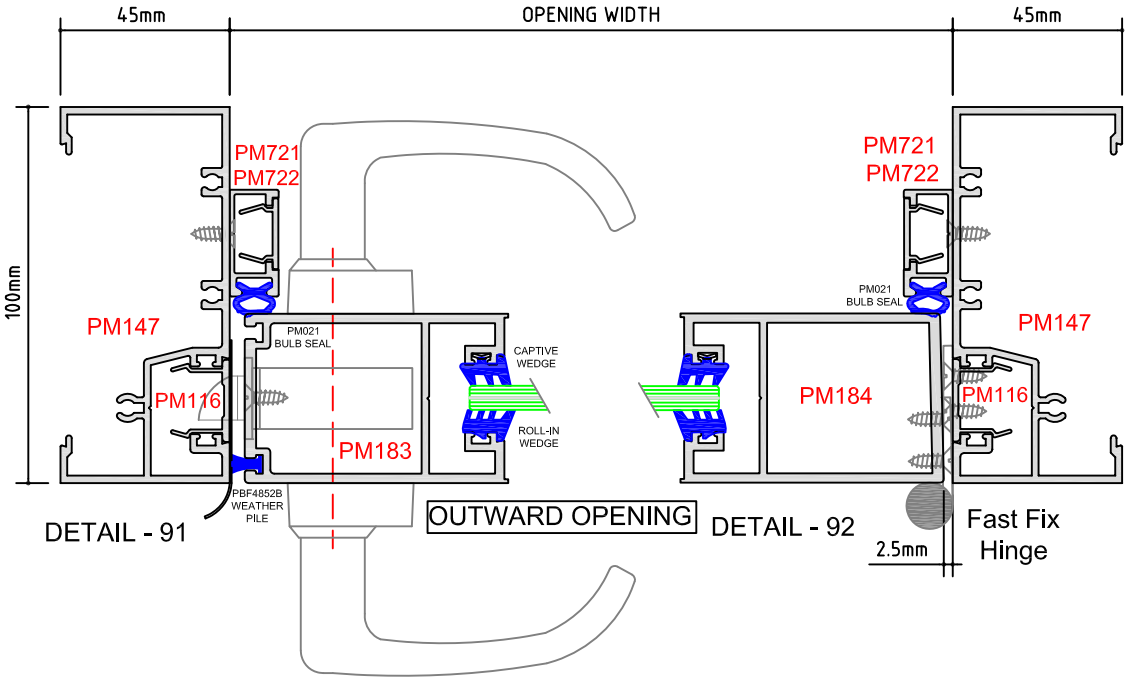
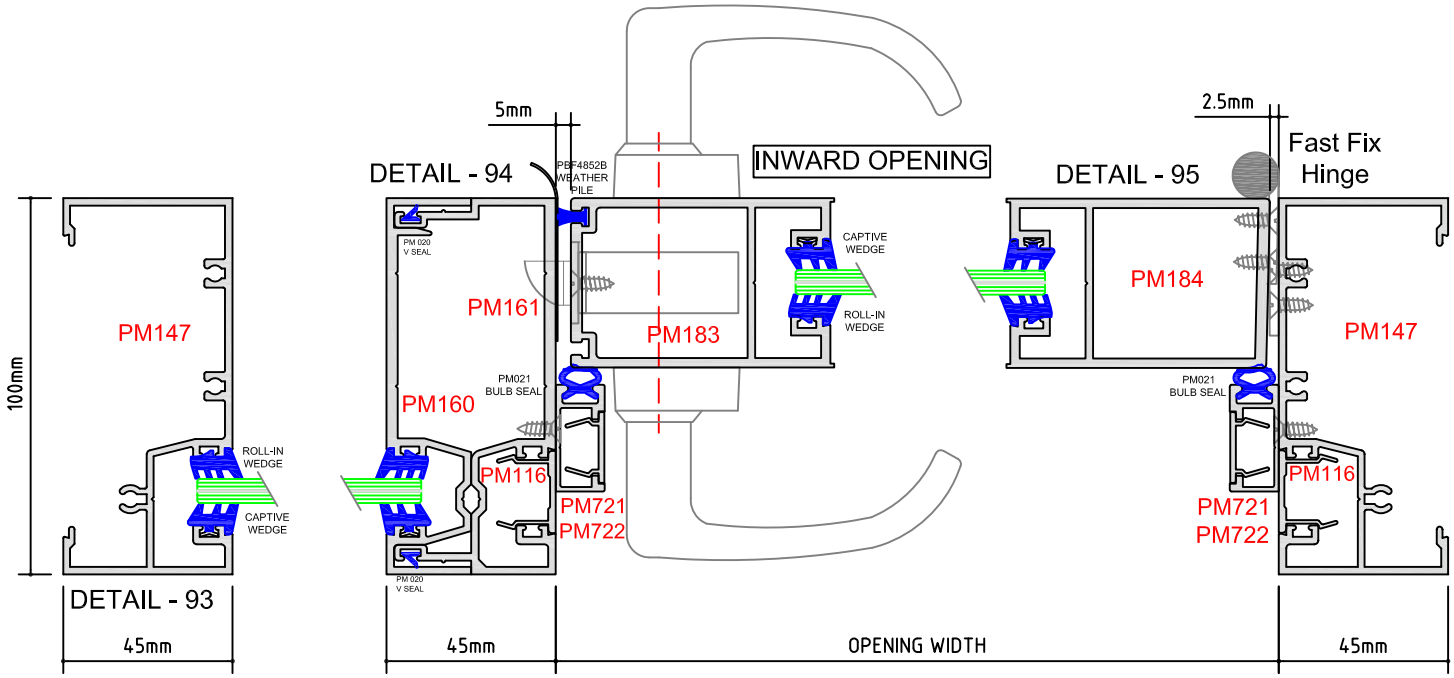
45mm SHOPFRONT DOORS
TYPICAL DETAILS
RIGHT HAND HINGED







J 11

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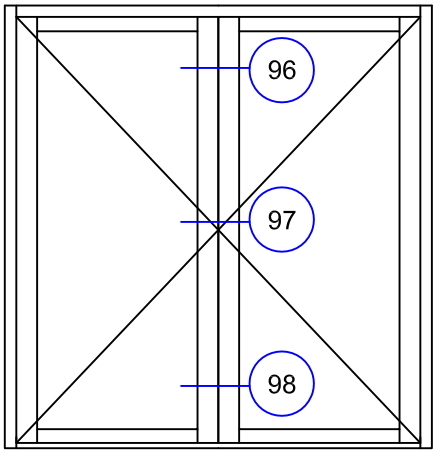
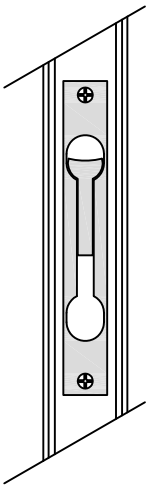
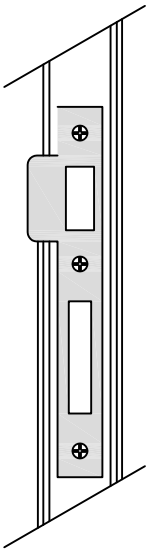
45mm SHOPFRONT DOORS
TYPICAL DETAILS
MEETING STILES

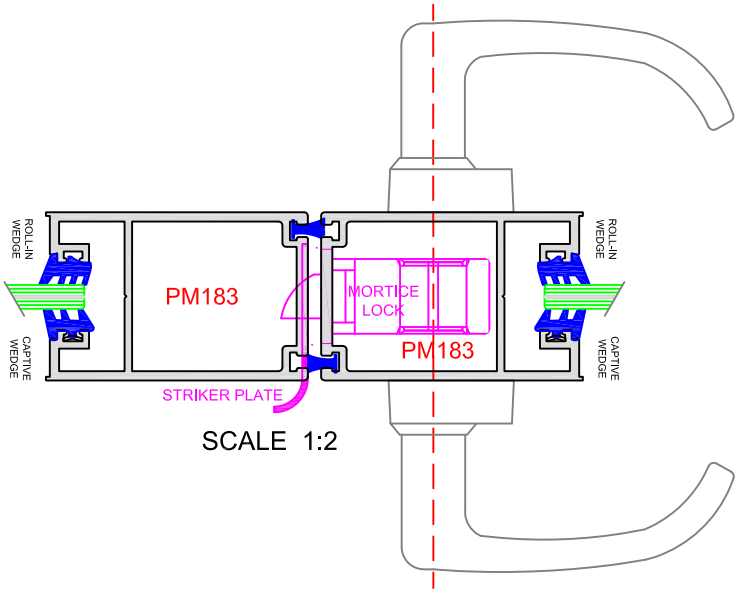


TYPICAL ELEVATIONS
DOUBLE PANEL
HINGED DOORS



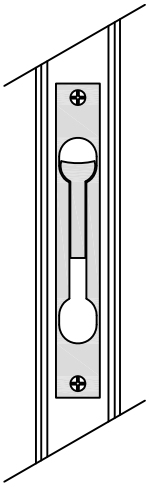


MORTICE LOCK
DETAIL - 97

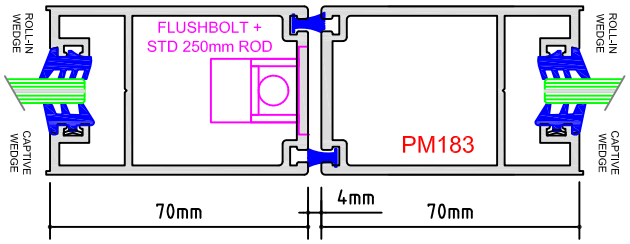


SCALE 1:2

OUTWARD OPENING



FLUSH BOLT
DETAIL - 96 - 98



SCALE 1:2

OUTWARD OPENING

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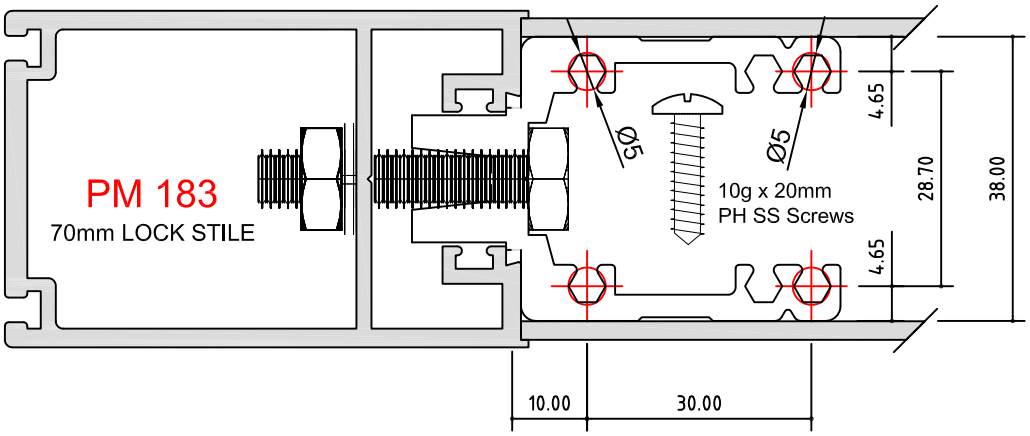
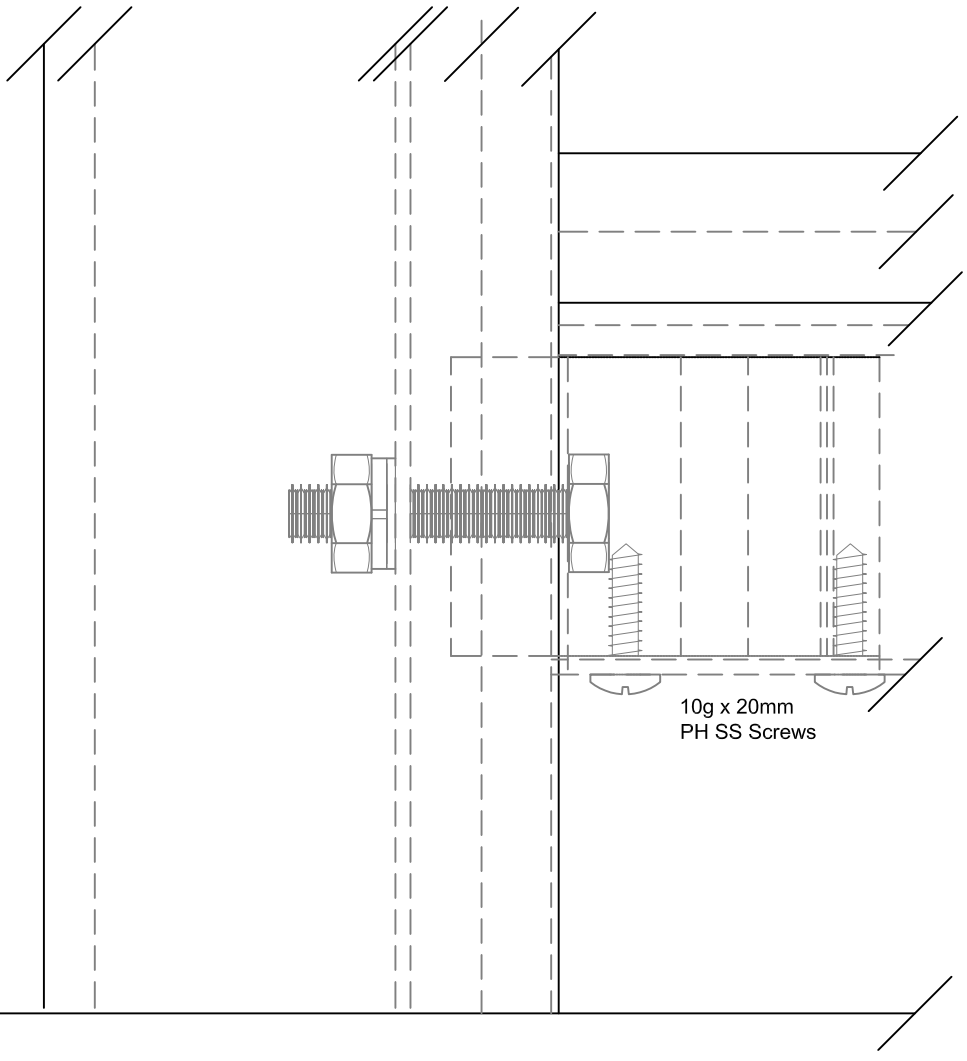
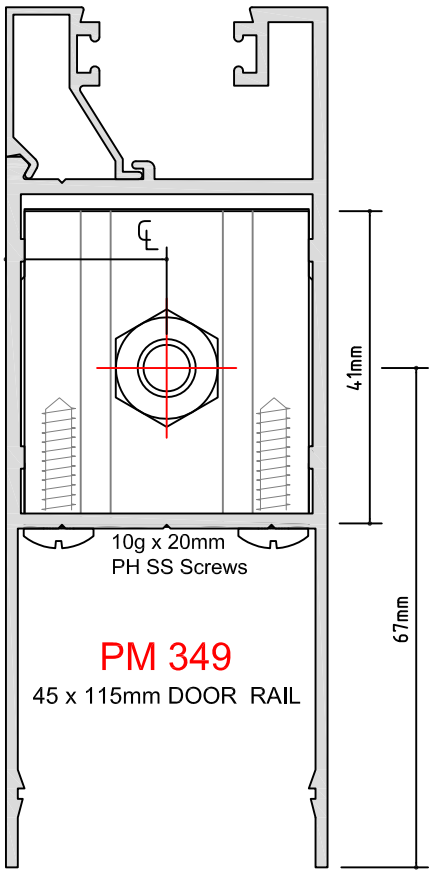
45mm SHOPFRONT DOORS
TYPICAL DETAILS
PM040 DOOR SPIGOT



SCALE 1:1





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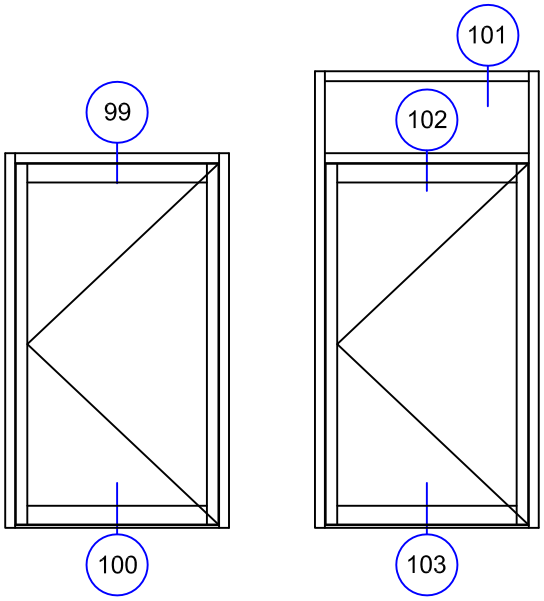
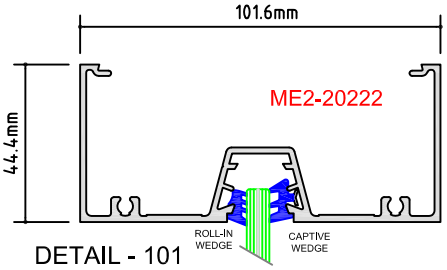
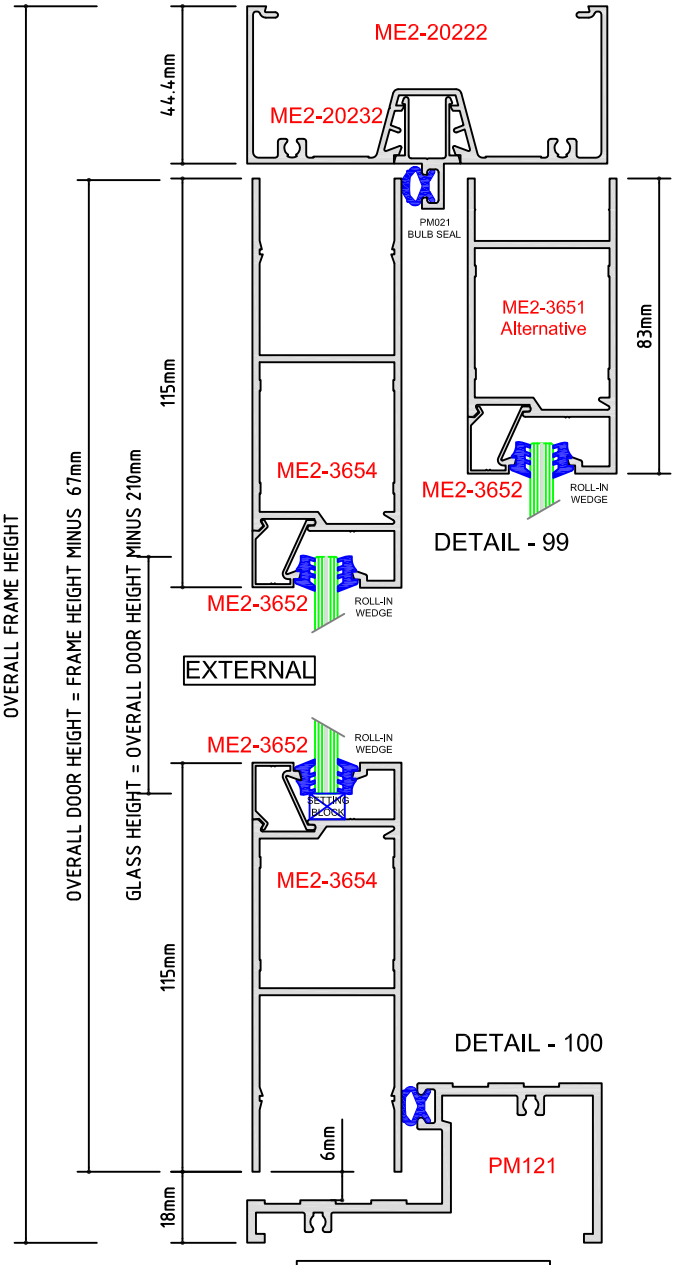
45mm ME2 DOORS TYPICAL DETAILS





DETAIL - 101

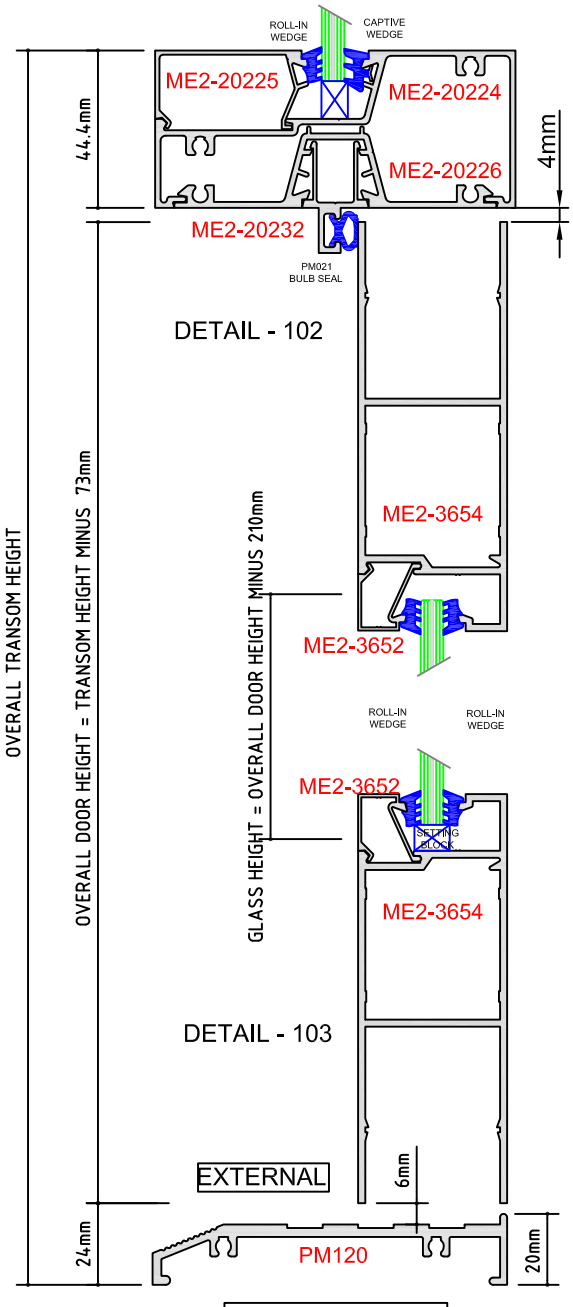
SCALE 1:2



DETAIL - 99

DETAIL - 100

OUTWARD OPENING



DETAIL - 102

DETAIL - 103

INWARD OPENING

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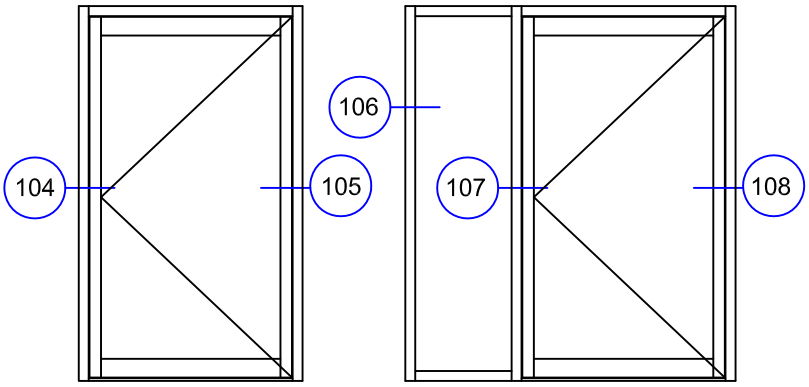
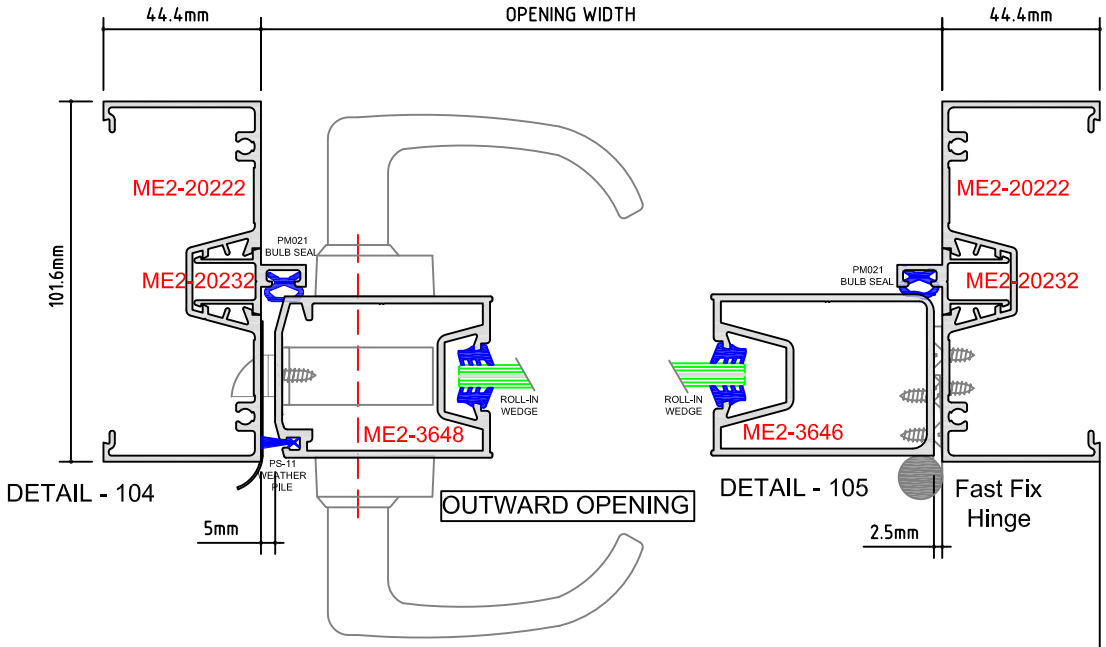
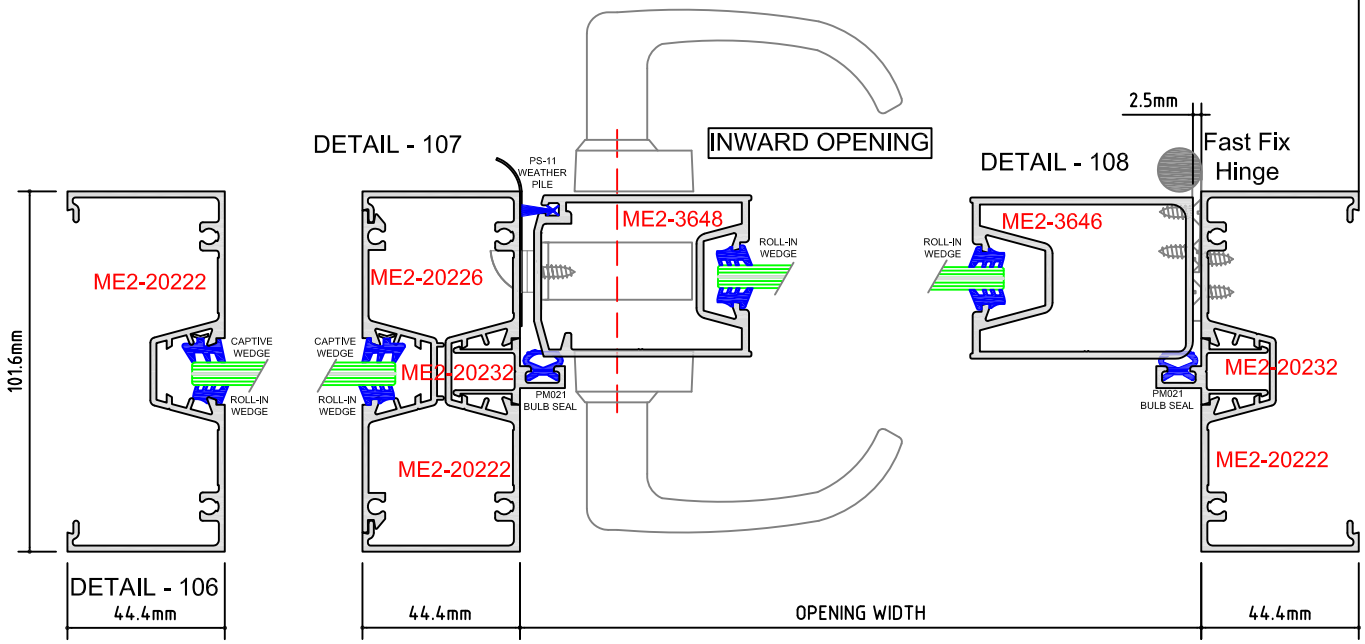
45mm ME2 DOORS
TYPICAL DETAILS



SCALE 1:2





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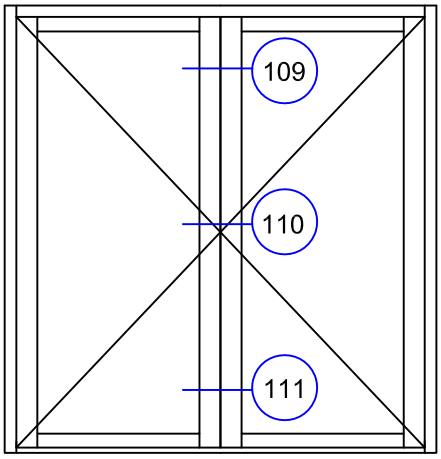
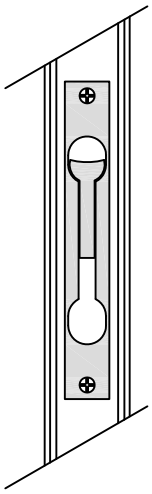
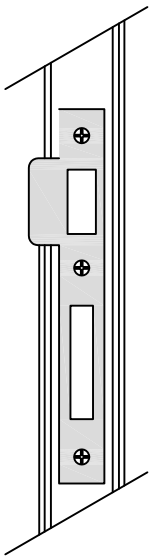
45mm ME2 DOORS
TYPICAL DETAILS

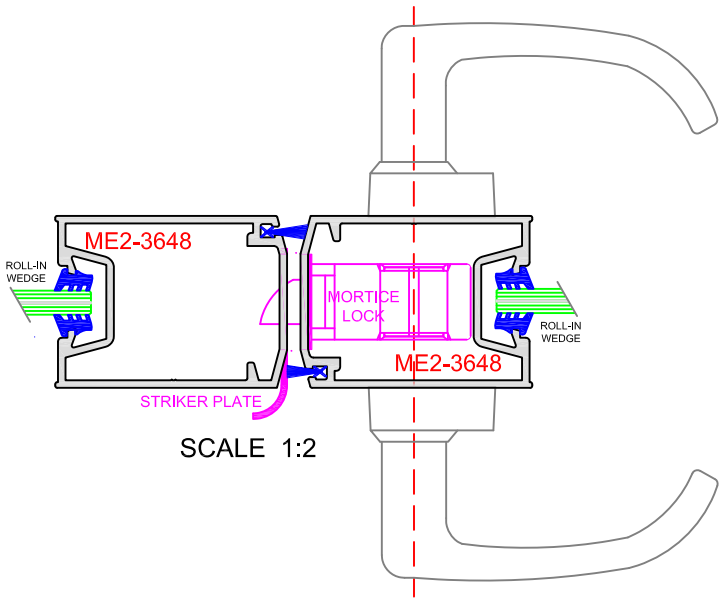


TYPICAL ELEVATIONS
DOUBLE PANEL
HINGED DOORS



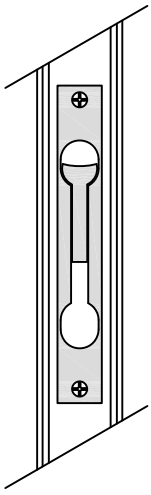


MORTICE LOCK
DETAIL - 110

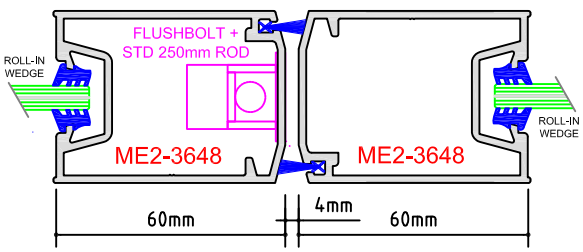


SCALE 1:2

OUTWARD OPENING



FLUSH BOLT
DETAIL - 109 - 111



SCALE 1:2

OUTWARD OPENING

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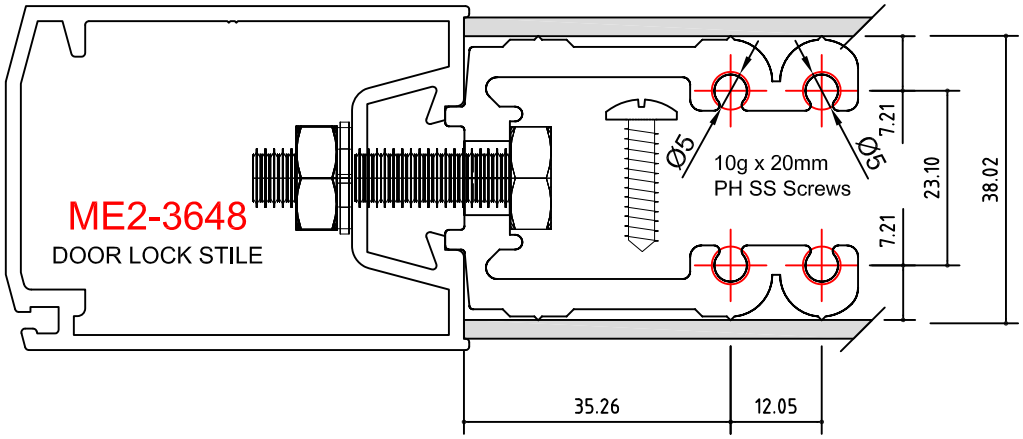
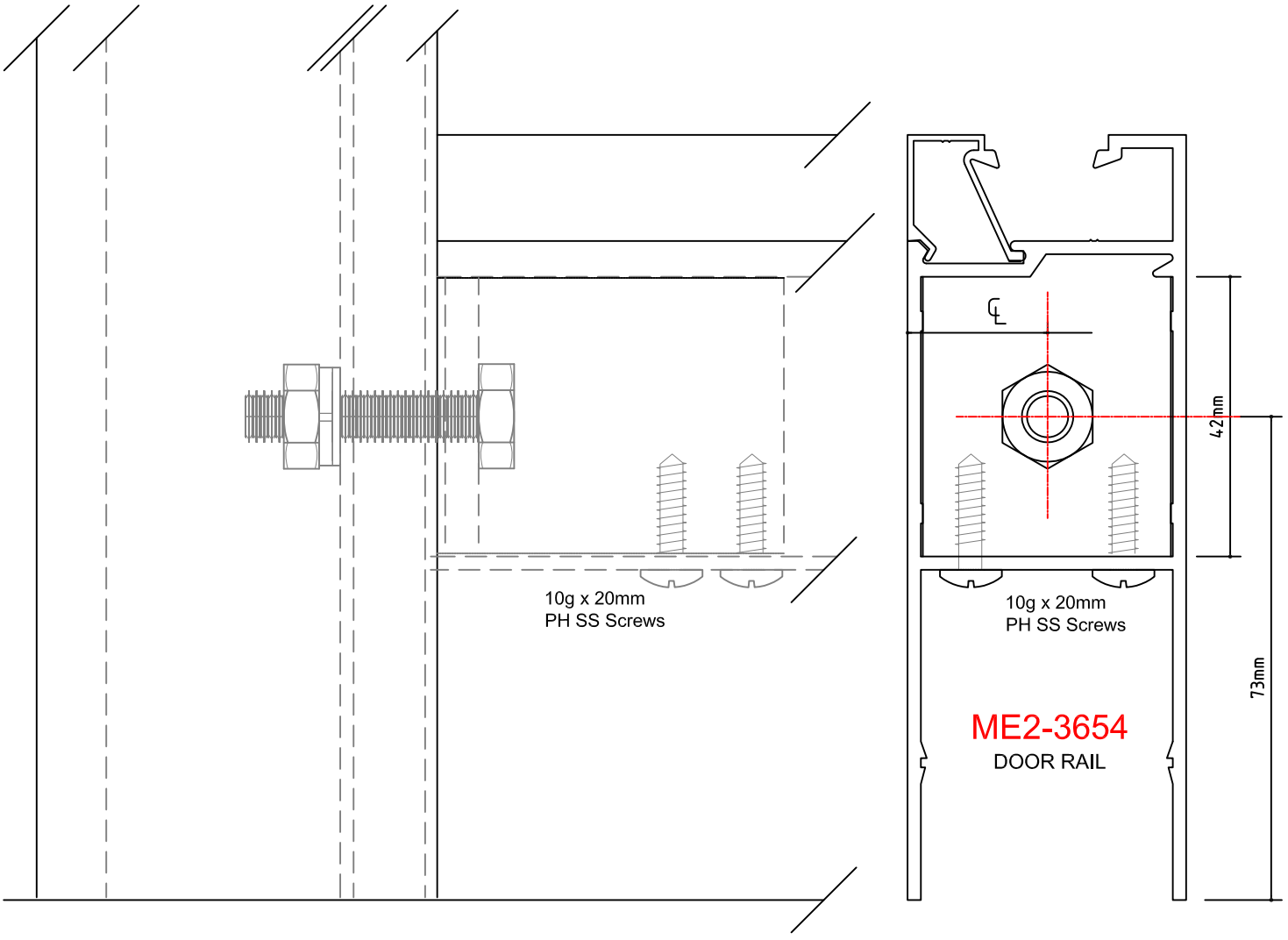
45mm ME2 DOORS
TYPICAL DETAILS
ME2 SPIGOT



SCALE 1:1



NOTES:

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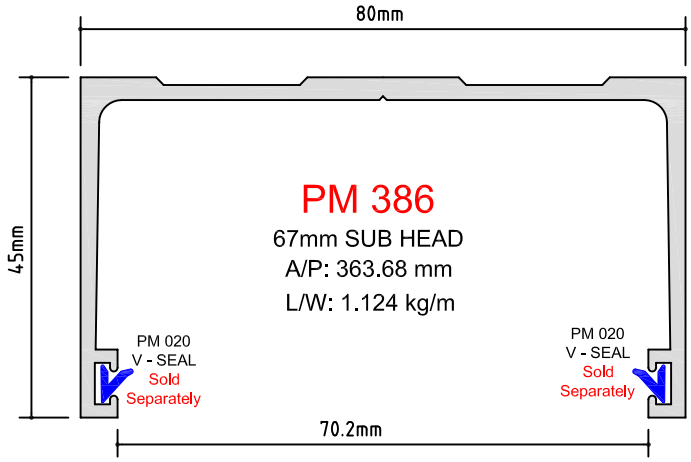
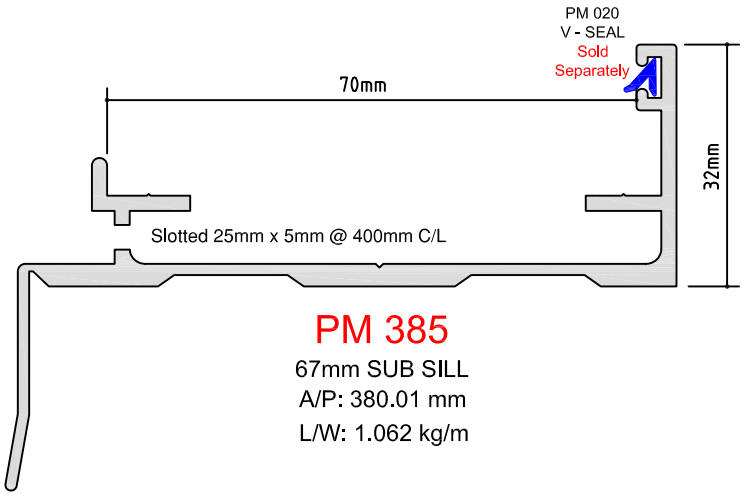
SUB FRAMES

67mm Sub Head Sub Sill

SCALE 1:1





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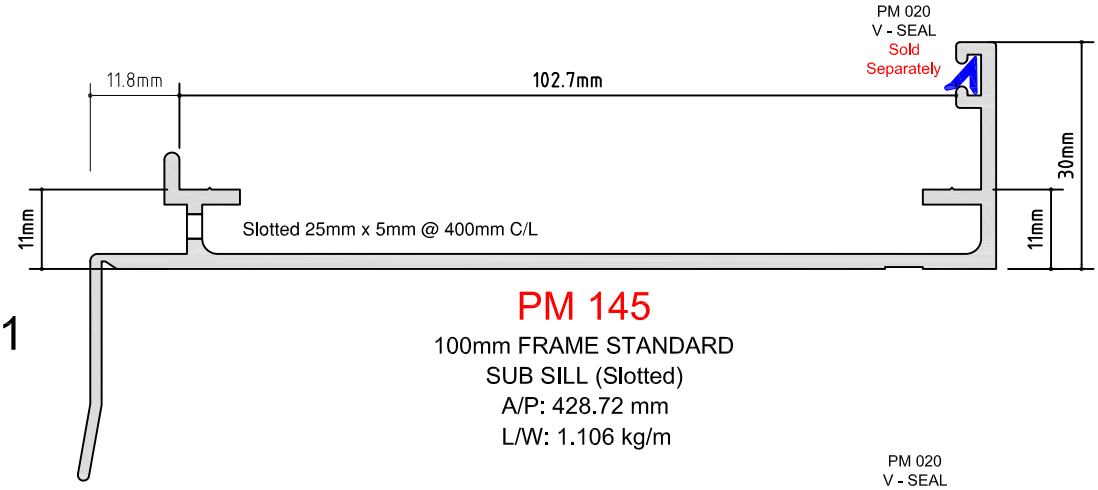
SUB FRAMES

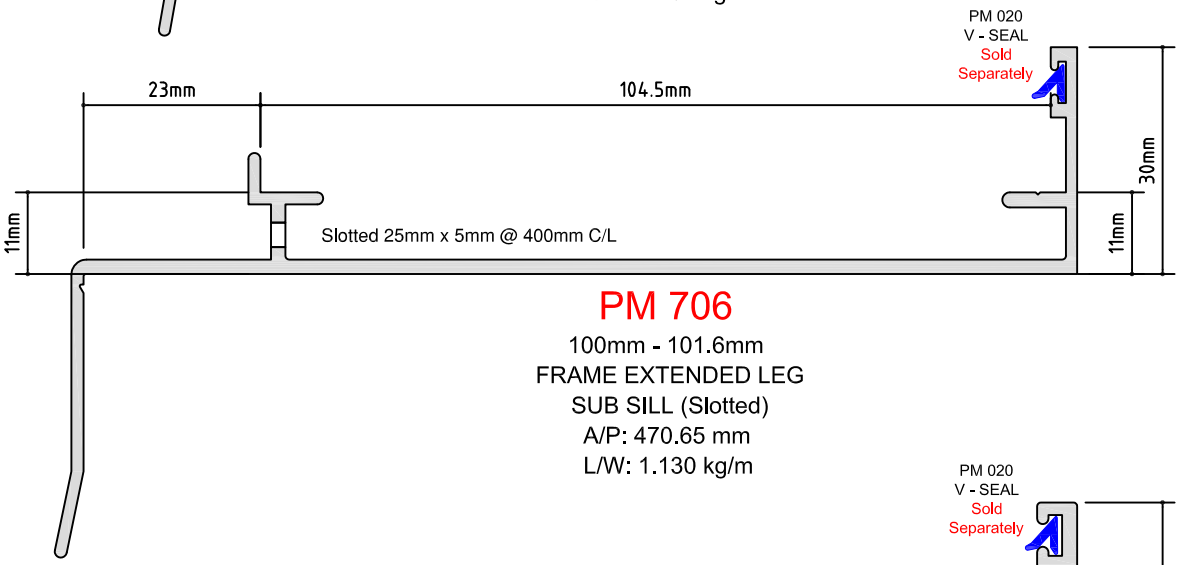
100mm Sub Sills

SCALE 1:1



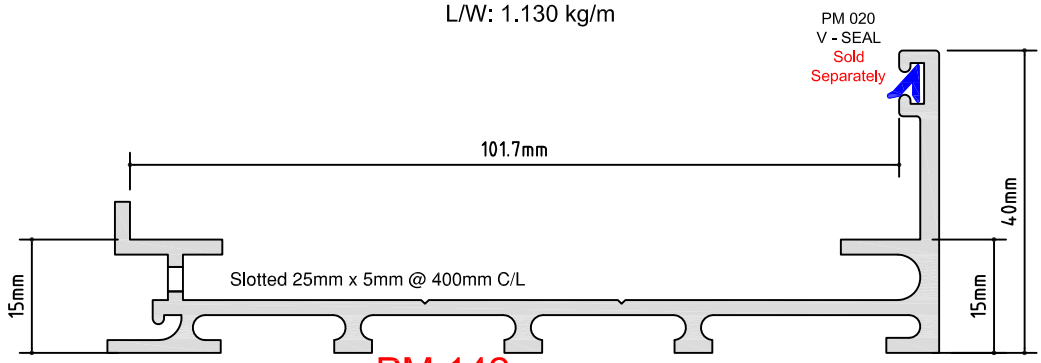
PM 145

100mm FRAME STANDARD
SUB SILL (Slotted)
A/P: 428.72 mm
L/W: 1.106 kg/m



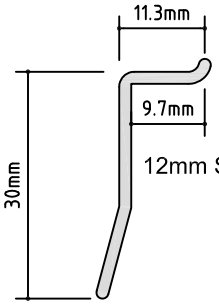
PM 706

100mm - 101.6mm
FRAME EXTENDED LEG
SUB SILL (Slotted)
A/P: 470.65 mm
L/W: 1.130 kg/m



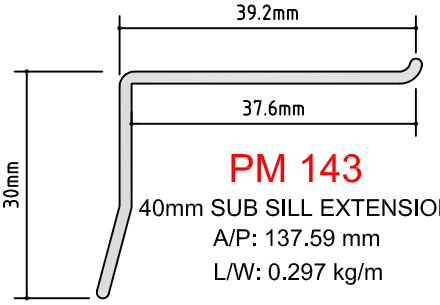
PM 142

100mm FRAME
40mm COMMERCIAL
SUB SILL (Slotted)
A/P: 455.80 mm
L/W: 1.314 kg/m



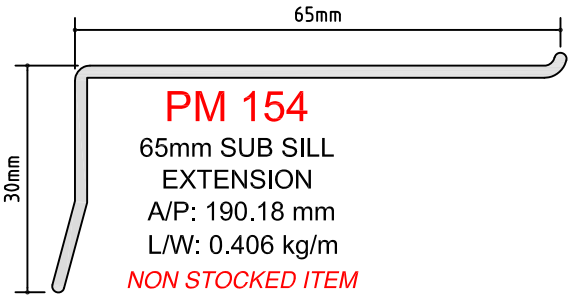
PM 144

12mm SUB SILL EXTENSION
A/P: 83.83 mm
L/W: 0.171 kg/m



PM 143

40mm SUB SILL EXTENSION
A/P: 137.59 mm
L/W: 0.297 kg/m



PM 154

65mm SUB SILL
EXTENSION
A/P: 190.18 mm
L/W: 0.406 kg/m
NON STOCKED ITEM

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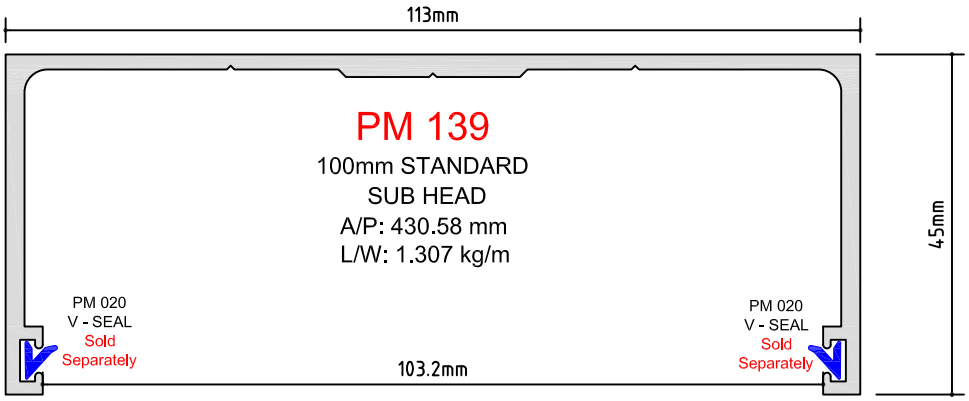
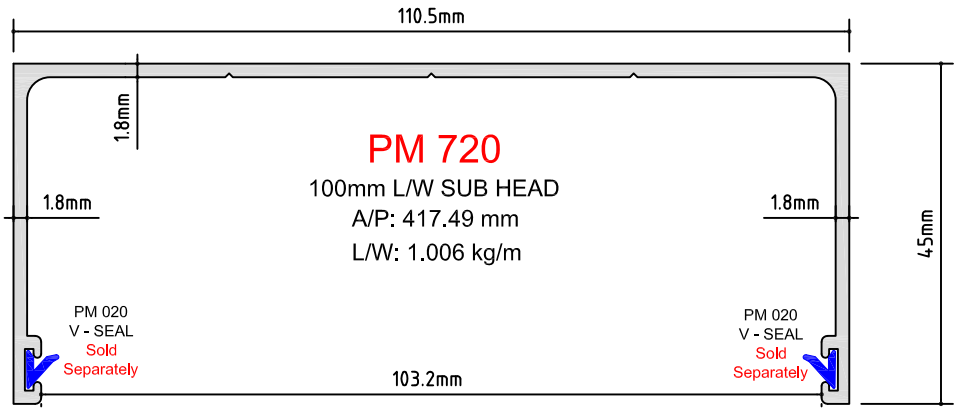
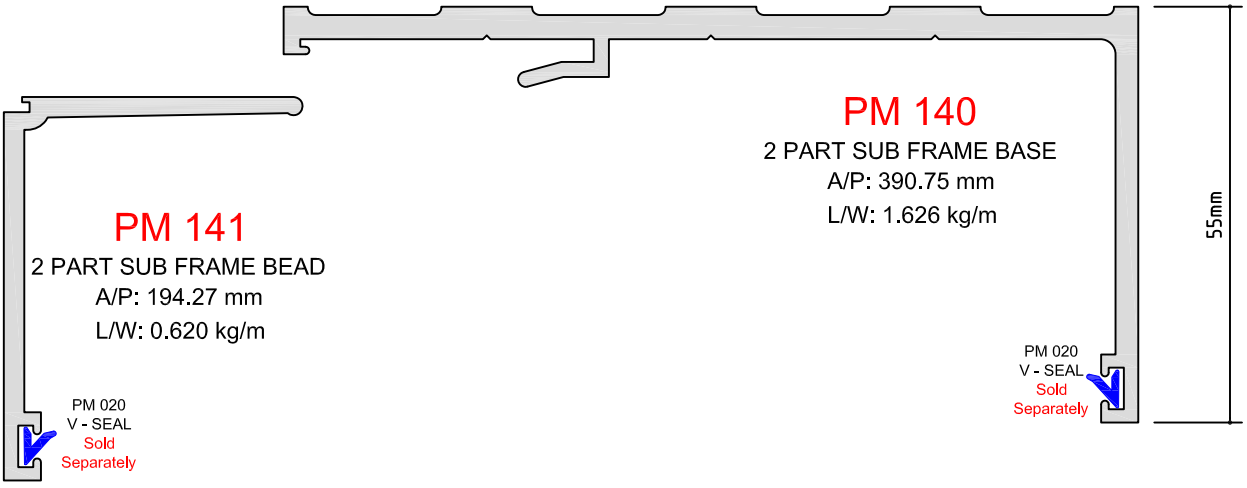
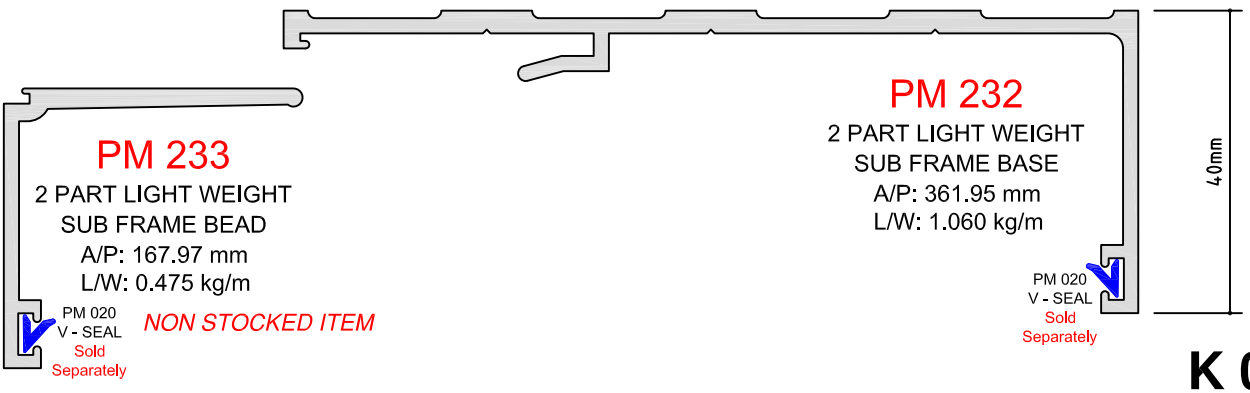
SUB FRAMES
100mm Sub Heads & Jambs

SCALE 1:1









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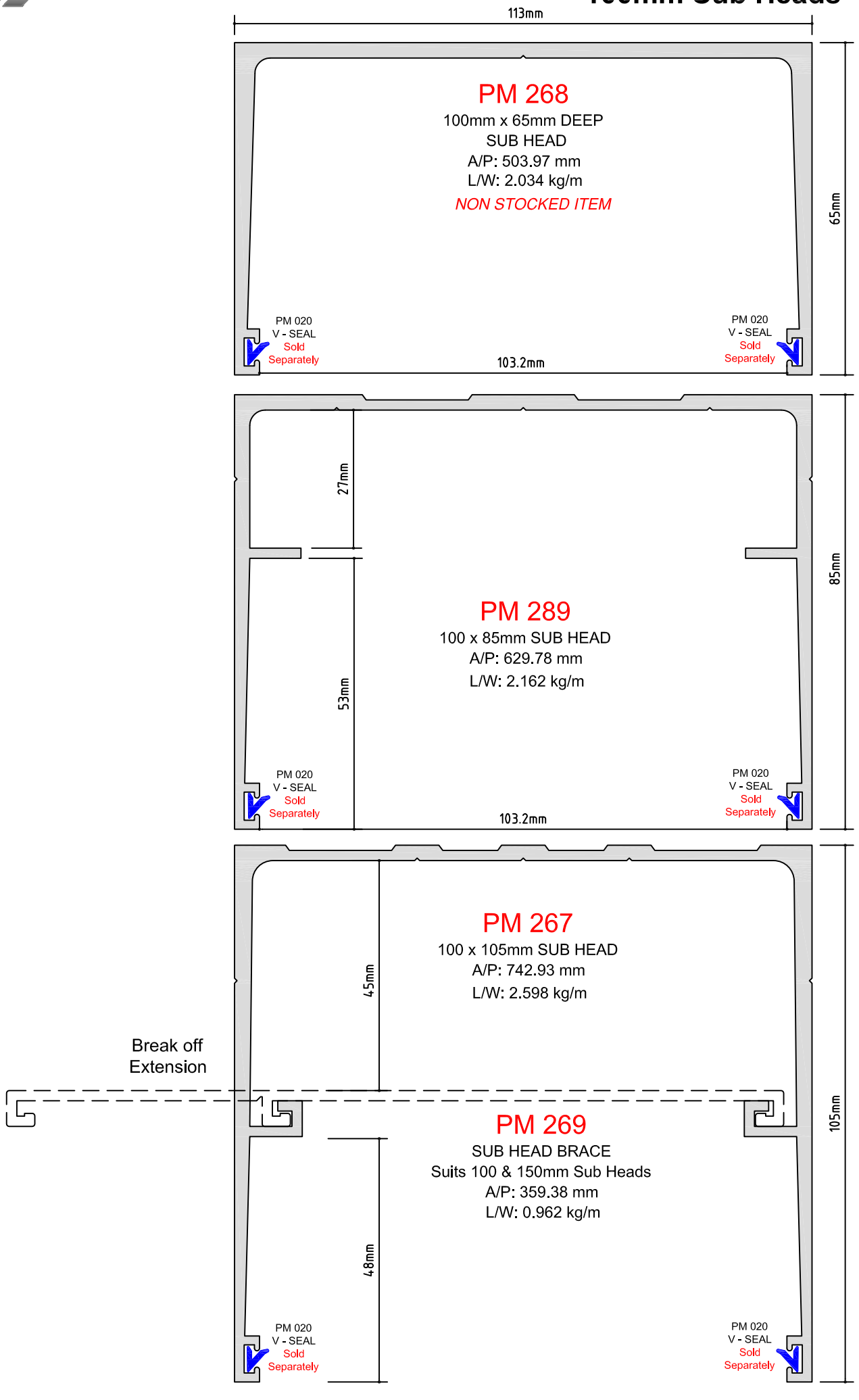
SUB FRAMES

100mm Sub Heads



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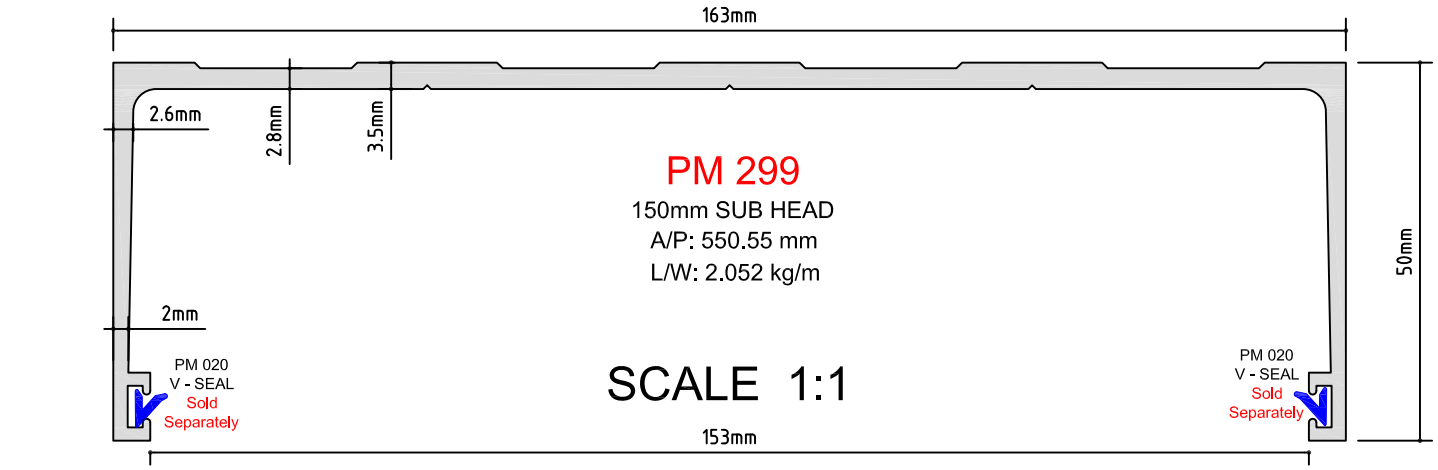
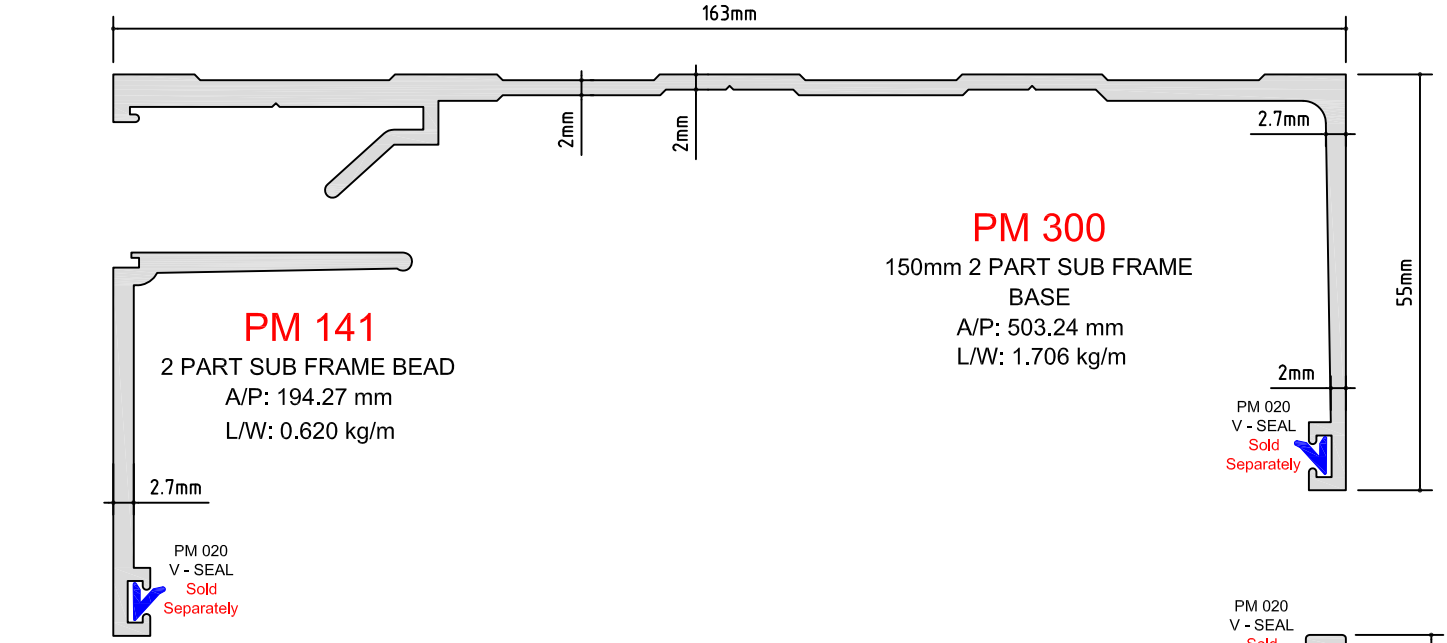
SUB FRAMES

150mm Sub Heads & Sub Sills

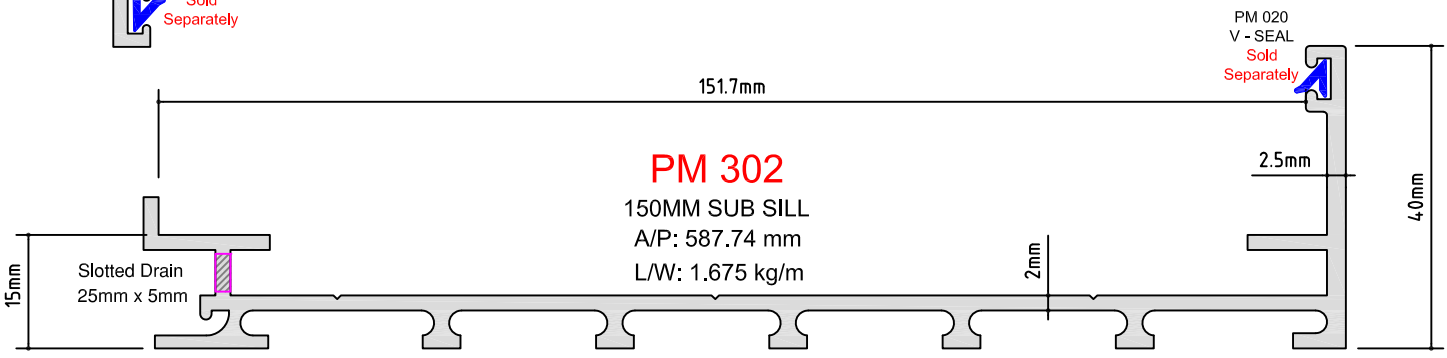


PM 299
150mm SUB HEAD
A/P: 550.55 mm
L/W: 2.052 kg/m

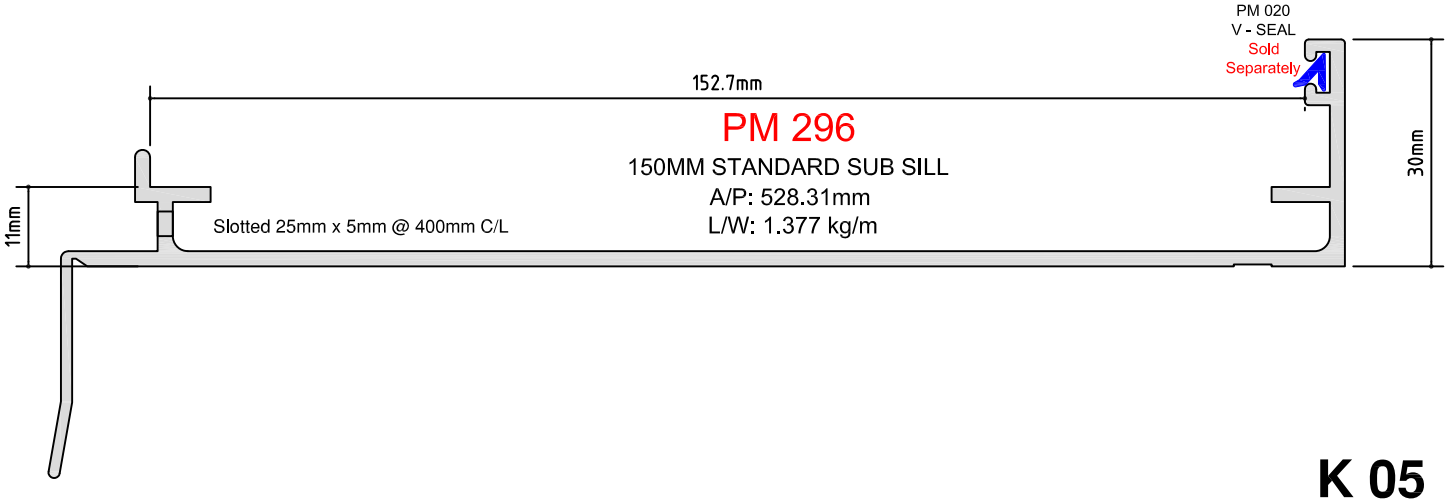


PM 141
2 PART SUB FRAME BEAD
A/P: 194.27 mm
L/W: 0.620 kg/m

PM 300
150mm 2 PART SUB FRAME BASE
A/P: 503.24 mm
L/W: 1.706 kg/m



PM 302
150MM SUB SILL
A/P: 587.74 mm
L/W: 1.675 kg/m



PM 296
150MM STANDARD SUB SILL
A/P: 528.31mm
L/W: 1.377 kg/m

NOTES:

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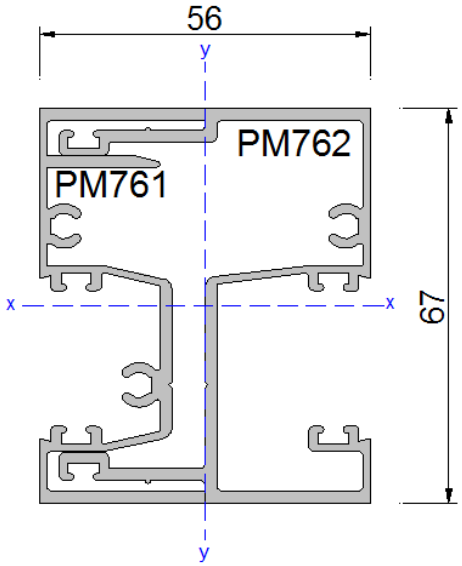
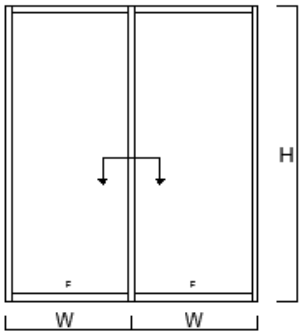
2001 SERIES - 67mm FRAME





MULLIONS	
PM761	**PM762**
Ixx = 196.58 x 10^3 mm4	Ixx = 272.78 x 10^3 mm4
y max = 33.6mm	y max = 34.9
Moment of Inertia = 469.36 x 10^3 mm4	
Max Depth of Section from N Axis = 34.9mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 13.4	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa						
		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1300	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1400	250	5000	5000	4685	4451	4284	4131	4067	4047	4047
	U	8000	8000	7781	7276	6912	6664	6518	6469	6469
1500	250	4470	4089	3808	3489	3339	3231	3126	3084	3071
	U	8000	7264	6641	6175	5826	5572	5397	5294	5260
1600	250	3614	3294	3056	2788	2655	2556	2458	2410	2381
	U	7054	6304	5742	5315	4989	4742	4559	4434	4359
1700	250	2965	2694	2490	2335	2148	2058	1990	1921	1887
	U	6201	5527	5019	4629	4327	4092	3913	3779	3687
1800	250	2597	2231	2057	1922	1762	1683	1621	1573	1523
	U	5495	4888	4428	4072	3793	3573	3401	3268	3169
1900	250	2181	1869	1719	1602	1510	1394	1338	1295	1261
	U	4905	4355	3937	3612	3355	3151	2988	2859	2759
2000	250	1849	1668	1451	1349	1269	1205	1118	1078	1047
	U	4407	3907	3525	3228	2991	2802	2649	2526	2428
2100	250	1581	1424	1236	1147	1077	1020	944	908	879
	U	3981	3525	3176	2903	2685	2510	2367	2250	2156
2200	250	1363	1226	1062	984	922	871	830	772	746
	U	3615	3197	2877	2626	2425	2262	2129	2019	1929
2300	250	1183	1062	970	850	795	750	714	663	638
	U	3298	2914	2619	2388	2202	2050	1926	1823	1738
2400	250	1033	927	845	740	691	651	618	591	551
	U	3021	2667	2395	2181	2009	1868	1752	1655	1575

MULLION SELECTION TABLE

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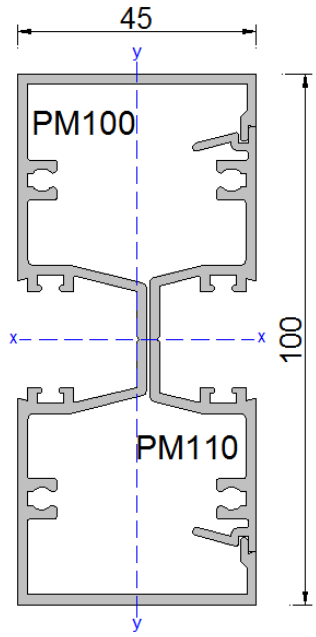
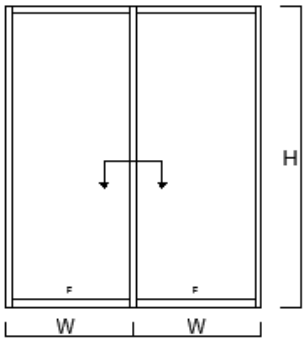
2002 SERIES - 100mm FRAME





MULLIONS	
PM100	**PM110**
Ixx = 891.25 x 10³ mm4	
Iyy = 129.98 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	3545	3150	2850	2617	2432	2285	2167	2073	1999
	U	5841	5178	4673	4278	3965	3714	3511	3348	3218
2100	250	3048	2705	2443	2238	2076	1946	1841	1755	1687
	U	5277	4672	4210	3848	3559	3326	3137	2983	2857
2200	250	2641	2340	2110	1931	1787	1672	1577	1501	1438
	U	4792	4238	3814	3481	3214	2998	2822	2676	2557
2300	250	2303	2038	1836	1677	1550	1447	1363	1294	1237
	U	4371	3862	3472	3165	2918	2718	2553	2417	2303
2400	250	2021	1787	1608	1467	1354	1262	1186	1124	1072
	U	4004	3535	3175	2891	2662	2476	2322	2194	2087
2500	250	1783	1575	1416	1290	1190	1107	1039	983	936
	U	3682	3248	2915	2651	2439	2266	2122	2002	1901
2600	250	1581	1396	1254	1141	1051	977	916	865	822
	U	3397	2995	2686	2441	2243	2082	1947	1835	1740
2700	250	1409	1243	1116	1015	934	867	812	766	727
	U	3144	2771	2483	2255	2071	1920	1794	1688	1599
2800	250	1261	1112	997	906	833	773	723	681	646
	U	2919	2571	2302	2090	1918	1776	1658	1559	1475
2900	250	1133	998	895	813	747	692	647	609	576
	U	2717	2392	2141	1942	1781	1648	1538	1445	1365
3000	250	1022	900	806	732	672	622	581	546	517
	U	2536	2232	1997	1810	1659	1534	1430	1342	1268

MULLION SELECTION TABLE

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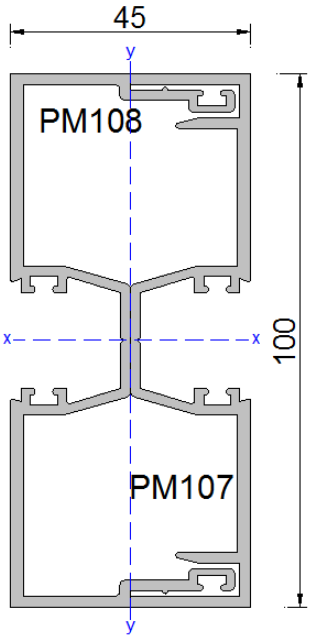
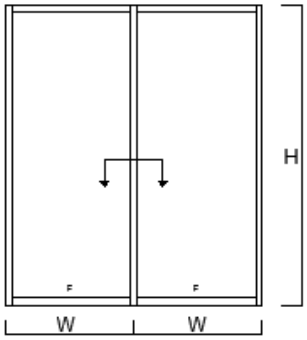
2002 SERIES - 100mm FRAME





MULLIONS	
PM107	**PM108**
Ixx = 1051.06 x 10³ mm4	
Iyy = 93.12 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa						
W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	4181	3715	3361	3086	2868	2695	2556	2445	2357
	U	6888	6107	5510	5045	4676	4379	4141	3948	3795
2100	250	3595	3190	2881	2640	2448	2295	2170	2070	1989
	U	6223	5510	4965	4538	4197	3923	3699	3517	3370
2200	250	3114	2759	2489	2277	2108	1971	1860	1770	1696
	U	5651	4998	4498	4105	3790	3536	3327	3156	3015
2300	250	2716	2404	2165	1978	1828	1707	1607	1526	1458
	U	5155	4555	4094	3732	3441	3205	3011	2850	2716
2400	250	2383	2107	1896	1730	1596	1488	1399	1325	1264
	U	4722	4169	3744	3409	3139	2920	2738	2587	2462
2500	250	2102	1858	1670	1522	1403	1306	1226	1159	1104
	U	4342	3830	3437	3127	2876	2672	2502	2361	2242
2600	250	1865	1646	1478	1346	1240	1152	1080	1020	970
	U	4006	3532	3167	2878	2646	2455	2296	2164	2052
2700	250	1661	1466	1315	1197	1101	1022	957	903	857
	U	3708	3268	2928	2659	2442	2264	2115	1991	1886
2800	250	1487	1311	1176	1069	982	911	853	803	762
	U	3442	3032	2715	2464	2261	2095	1956	1839	1739
2900	250	1336	1177	1055	959	880	816	763	718	680
	U	3205	2821	2525	2290	2100	1944	1813	1703	1610
3000	250	1205	1061	951	863	792	734	685	644	610
	U	2991	2632	2354	2134	1956	1809	1687	1583	1495

MULLION SELECTION TABLE

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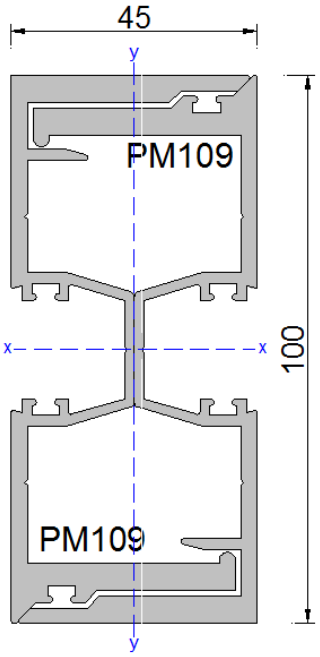
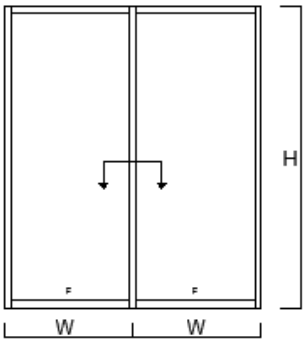
2002 SERIES - 100mm FRAME





MULLIONS	
PM109	**PM109**
Ixx = 2059.54 x 10³ mm4	
Iyy = 219.66 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments:	100mm
Panel Height Increments:	100mm

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa						
W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	5000	5000	5000	5000	5000	5000	5000	4791	4619
	U	8000	8000	8000	8000	8000	8000	8000	7667	7369
2100	250	5000	5000	5000	5000	4797	4496	4253	4056	3897
	U	8000	8000	8000	8000	8000	7618	7184	6831	6544
2200	250	5000	5000	4876	4461	4130	3863	3645	3467	3322
	U	8000	8000	8000	7971	7361	6866	6462	6129	5856
2300	250	5000	4710	4243	3876	3582	3344	3150	2990	2858
	U	8000	8000	7951	7248	6683	6224	5846	5534	5275
2400	250	4669	4129	3715	3389	3128	2916	2742	2597	2477
	U	8000	8000	7271	6620	6097	5670	5318	5025	4780
2500	250	4120	3640	3272	2982	2749	2559	2402	2272	2163
	U	8000	7439	6675	6072	5586	5188	4859	4585	4354
2600	250	3653	3226	2897	2638	2429	2258	2117	1999	1900
	U	7780	6859	6150	5590	5138	4767	4460	4202	3985
2700	250	3255	2872	2578	2345	2157	2003	1876	1769	1680
	U	7201	6346	5686	5164	4742	4396	4108	3866	3662
2800	250	2913	2569	2304	2094	1925	1786	1671	1574	1492
	U	6685	5888	5273	4786	4392	4068	3798	3571	3378
2900	250	2618	2307	2068	1878	1725	1599	1495	1407	1332
	U	6223	5479	4904	4448	4079	3775	3522	3308	3127
3000	250	2361	2080	1863	1691	1552	1438	1343	1262	1194
	U	5808	5111	4572	4145	3799	3514	3275	3074	2903

MULLION SELECTION TABLE

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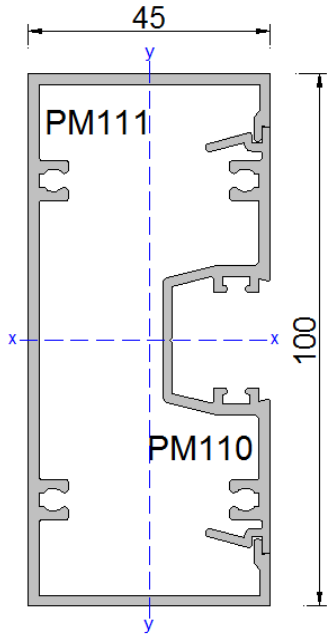
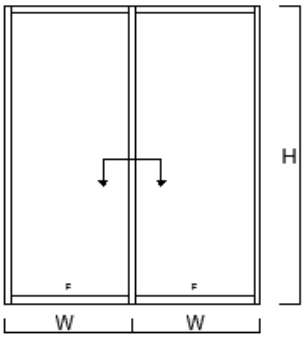
2002 SERIES - 100mm FRAME





MULLIONS	
PM111	**PM110**
Ixx = 877.43 x 10³ mm4	
Iyy = 129.76 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	3490	3101	2806	2576	2394	2250	2134	2041	1968
	U	5750	5098	4600	4212	3903	3656	3457	3296	3168
2100	250	3001	2663	2405	2204	2044	1916	1812	1728	1660
	U	5195	4600	4145	3788	3504	3275	3088	2936	2813
2200	250	2599	2304	2078	1901	1759	1646	1553	1477	1415
	U	4717	4172	3755	3427	3164	2952	2778	2635	2517
2300	250	2267	2007	1807	1651	1526	1425	1342	1274	1217
	U	4303	3802	3418	3116	2873	2675	2513	2379	2268
2400	250	1989	1759	1583	1444	1333	1242	1168	1106	1055
	U	3942	3480	3125	2846	2621	2437	2286	2160	2055
2500	250	1755	1551	1394	1270	1171	1090	1023	968	921
	U	3624	3198	2869	2610	2401	2230	2089	1971	1872
2600	250	1556	1374	1234	1124	1035	962	902	852	810
	U	3344	2949	2644	2403	2209	2049	1917	1806	1713
2700	250	1387	1224	1098	999	919	854	799	754	716
	U	3096	2728	2444	2220	2039	1890	1766	1662	1574
2800	250	1241	1095	982	892	820	761	712	671	636
	U	2874	2531	2267	2057	1888	1749	1632	1535	1452
2900	250	1115	983	881	800	735	681	637	599	567
	U	2675	2355	2108	1912	1753	1623	1514	1422	1344
3000	250	1006	886	794	721	661	613	572	538	509
	U	2497	2197	1965	1782	1633	1510	1408	1322	1248

MULLION SELECTION TABLE

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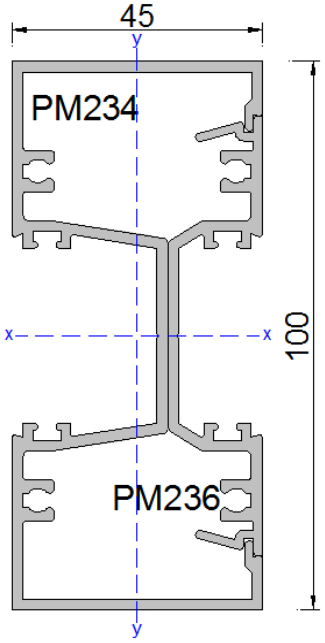
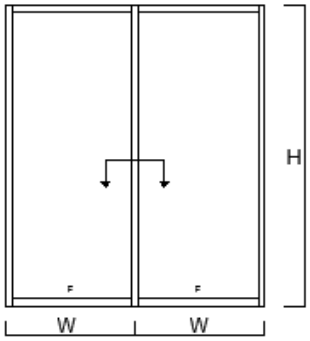
2003 SERIES - 100mm FRAME





MULLIONS	
PM234	**PM236**
Ixx = 932.06 x 10³ mm4	
Iyy = 129.98 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

		W = Panel Width (mm) (W)								
Door Height (mm) (H)	**Servicability**	**700**	**800**	**900**	**1000**	**1100**	**1200**	**1300**	**1400**	**1500**
2000	**250**	3707	3294	2981	2736	2544	2390	2267	2168	2090
	U	6108	5415	4887	4474	4146	3884	3672	3501	3365
2100	**250**	3188	2828	2555	2341	2171	2035	1925	1836	1764
	U	5518	4886	4403	4024	3722	3478	3280	3119	2988
2200	**250**	2761	2447	2207	2019	1869	1748	1650	1569	1504
	U	5011	4432	3988	3640	3361	3135	2951	2799	2674
2300	**250**	2408	2132	1920	1754	1621	1513	1425	1353	1293
	U	4571	4039	3631	3310	3052	2842	2670	2527	2409
2400	**250**	2113	1869	1681	1534	1416	1320	1241	1175	1121
	U	4187	3697	3320	3023	2784	2589	2428	2295	2183
2500	**250**	1864	1647	1481	1349	1244	1158	1087	1028	979
	U	3850	3397	3048	2773	2551	2369	2219	2094	1988
2600	**250**	1653	1460	1311	1194	1099	1022	958	905	860
	U	3552	3132	2808	2553	2346	2177	2036	1919	1820
2700	**250**	1473	1300	1167	1061	976	907	849	801	760
	U	3288	2898	2596	2358	2165	2007	1876	1766	1672
2800	**250**	1318	1163	1043	948	871	808	756	712	675
	U	3053	2689	2408	2185	2005	1857	1734	1630	1542
2900	**250**	1185	1044	936	850	781	724	676	637	603
	U	2842	2502	2239	2031	1863	1724	1608	1511	1428
3000	**250**	1068	941	843	765	702	651	608	571	541
	U	2652	2334	2088	1893	1735	1604	1496	1404	1326

MULLION SELECTION TABLE

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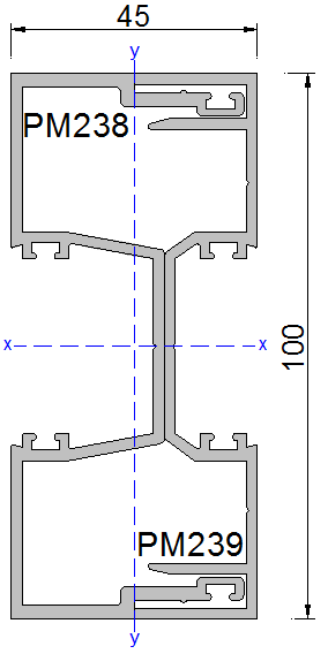
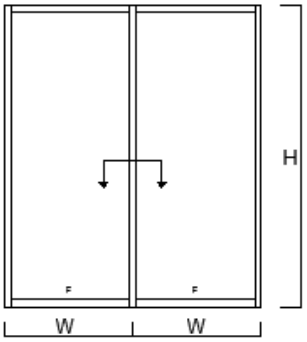
2003 SERIES - 100mm FRAME





MULLIONS	
PM238	**PM239**
Ixx = 1193.71 x 10³ mm4	
Iyy = 99.84 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments:	100mm
Panel Height Increments:	100mm

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa					
W = Panel Width (mm) (W)									
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	4748	4219	3817	3505	3258	3061	2903	2777	2677
	U	7823	6935	6258	5730	5310	4974	4703	4484	4310
2100	250	4083	3622	3272	2998	2781	2606	2465	2351	2259
	U	7067	6258	5639	5154	4767	4455	4201	3995	3827
2200	250	3536	3134	2826	2586	2394	2239	2113	2010	1926
	U	6418	5676	5108	4662	4305	4016	3779	3584	3424
2300	250	3084	2730	2459	2246	2076	1938	1826	1733	1656
	U	5854	5173	4650	4239	3908	3640	3419	3237	3085
2400	250	2706	2393	2153	1964	1813	1690	1589	1505	1436
	U	5363	4735	4252	3871	3566	3316	3110	2939	2796
2500	250	2388	2110	1896	1728	1593	1483	1392	1317	1254
	U	4931	4350	3904	3551	3267	3034	2842	2681	2547
2600	250	2118	1870	1679	1529	1408	1309	1227	1159	1102
	U	4550	4011	3597	3269	3005	2788	2608	2457	2330
2700	250	1887	1665	1494	1359	1250	1161	1087	1026	973
	U	4211	3711	3325	3020	2773	2571	2403	2261	2142
2800	250	1689	1489	1335	1214	1116	1035	968	912	865
	U	3910	3443	3084	2799	2568	2379	2221	2088	1975
2900	250	1517	1337	1198	1089	1000	927	866	815	772
	U	3639	3204	2868	2601	2385	2208	2060	1935	1828
3000	250	1368	1205	1080	980	900	833	778	732	692
	U	3396	2989	2674	2424	2222	2055	1916	1798	1698

MULLION SELECTION TABLE

PRESS METAL
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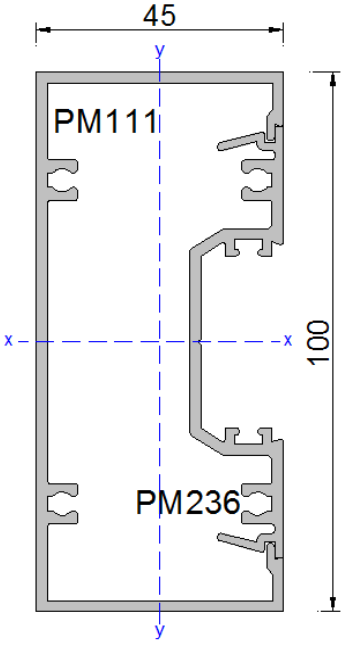
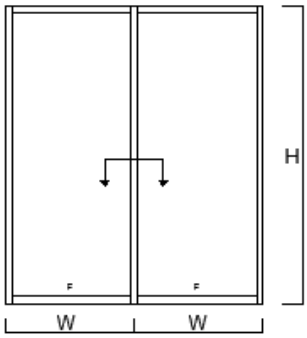
2003 SERIES - 100mm FRAME





MULLIONS	
PM111	**PM236**
Ixx = 898.02 x 10³ mm4	
Iyy = 135.48 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	3572	3174	2872	2636	2451	2302	2184	2089	2014
	U	5885	5217	4708	4310	3995	3742	3538	3373	3242
2100	250	3071	2725	2461	2255	2092	1961	1854	1769	1699
	U	5317	4708	4242	3877	3586	3351	3161	3005	2879
2200	250	2660	2358	2126	1945	1801	1684	1589	1512	1449
	U	4828	4270	3843	3507	3239	3021	2843	2697	2576
2300	250	2320	2054	1850	1690	1562	1458	1373	1304	1246
	U	4404	3892	3498	3189	2940	2738	2572	2435	2321
2400	250	2036	1800	1620	1478	1364	1271	1195	1132	1080
	U	4034	3562	3199	2912	2682	2495	2340	2211	2103
2500	250	1796	1587	1427	1300	1199	1116	1047	991	943
	U	3710	3273	2937	2671	2458	2283	2138	2017	1916
2600	250	1593	1407	1263	1150	1059	985	923	872	829
	U	3423	3018	2706	2459	2260	2097	1962	1849	1753
2700	250	1419	1252	1124	1022	941	874	818	772	732
	U	3168	2792	2502	2272	2086	1934	1807	1701	1611
2800	250	1270	1120	1005	913	839	779	728	686	651
	U	2941	2590	2320	2105	1932	1790	1671	1571	1486
2900	250	1141	1006	902	819	752	697	652	613	581
	U	2738	2410	2157	1957	1795	1661	1549	1455	1376
3000	250	1029	907	812	737	677	627	585	550	521
	U	3396	2989	2674	2424	2222	2055	1916	1798	1698

MULLION SELECTION TABLE

PRESS METAL
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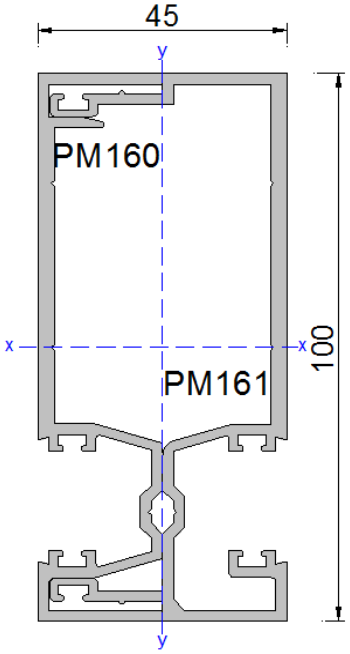
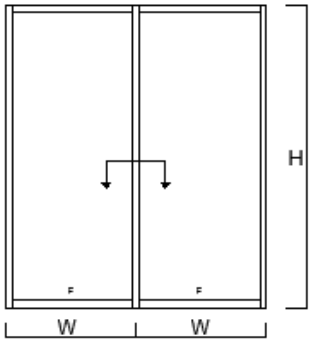
2005 SERIES - 100mm FRAME





MULLIONS	
PM160	**PM161**
Ixx = 1197.44 x 10³ mm4	
Iyy = 323.80 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments:	100mm
Panel Height Increments:	100mm

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa						
		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	4763	4232	3829	3515	3268	3070	2912	2785	2685
	U	7397	6558	5918	5418	5022	4703	4447	4240	4075
2100	250	4095	3634	3282	3007	2789	2614	2473	2358	2266
	U	6683	5918	5332	4873	4508	4213	3973	3777	3619
2200	250	3548	3144	2835	2594	2401	2246	2119	2016	1932
	U	6069	5368	4830	4408	4071	3797	3573	3390	3238
2300	250	3094	2739	2467	2253	2083	1944	1831	1738	1661
	U	5536	4892	4397	4008	3696	3442	3233	3061	2917
2400	250	2715	2401	2160	1971	1819	1695	1594	1510	1440
	U	5071	4477	4021	3661	3372	3136	2941	2779	2644
2500	250	2395	2116	1902	1734	1598	1488	1397	1321	1258
	U	4663	4114	3691	3358	3089	2869	2687	2536	2408
2600	250	2124	1876	1684	1534	1412	1313	1231	1162	1105
	U	4302	3793	3401	3091	2841	2636	2466	2324	2204
2700	250	1893	1670	1499	1363	1254	1165	1091	1029	977
	U	3982	3509	3145	2856	2623	2431	2272	2138	2025
2800	250	1694	1494	1340	1218	1119	1038	971	915	868
	U	3697	3256	2916	2647	2429	2249	2100	1975	1868
2900	250	1522	1341	1202	1092	1003	930	869	818	774
	U	3442	3030	2712	2460	2256	2088	1948	1829	1729
3000	250	1373	1209	1083	983	902	836	781	734	694
	U	3212	2826	2529	2292	2101	1943	1811	1700	1605

MULLION SELECTION TABLE

PRESS METAL
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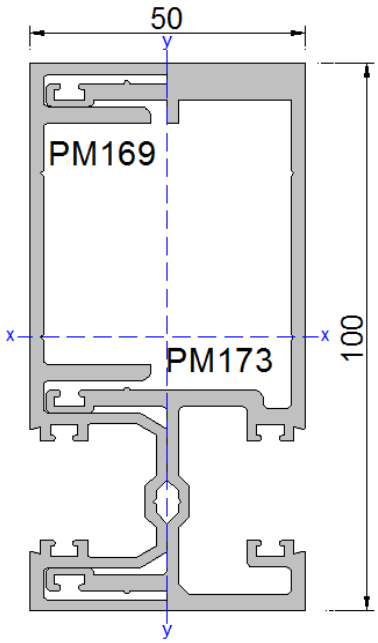
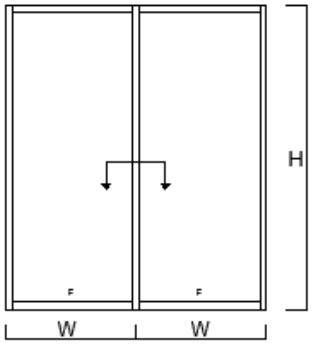
2005 SERIES - 100mm FRAME





MULLIONS	
PM169	**PM173**
Ixx = 1673.24 x 10³ mm4	
Iyy = 180.52 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	5000	5000	5000	4912	4566	4290	4069	3892	3752
	U	8000	8000	8000	7766	7197	6741	6374	6078	5841
2100	250	5000	5000	4586	4202	3898	3653	3455	3295	3166
	U	8000	8000	7642	6985	6461	6038	5694	5414	5187
2200	250	4957	4393	3962	3624	3355	3138	2961	2817	2699
	U	8000	7693	6923	6318	5835	5443	5122	4858	4641
2300	250	4323	3827	3447	3149	2910	2717	2559	2429	2322
	U	7935	7011	6303	5745	5297	4933	4634	4387	4181
2400	250	3793	3354	3018	2754	2541	2369	2227	2110	2013
	U	7268	6417	5763	5247	4833	4494	4215	3983	3789
2500	250	3347	2957	2658	2422	2233	2079	1951	1846	1757
	U	6683	5896	5291	4813	4428	4113	3852	3634	3452
2600	250	2968	2621	2354	2143	1973	1835	1720	1624	1544
	U	6167	5437	4875	4431	4072	3779	3535	3331	3159
2700	250	2645	2334	2094	1905	1753	1628	1524	1438	1365
	U	5708	5030	4507	4093	3759	3484	3256	3065	2903
2800	250	2367	2087	1872	1701	1564	1451	1357	1279	1212
	U	5299	4667	4180	3793	3481	3224	3010	2830	2677
2900	250	2127	1874	1680	1526	1402	1299	1214	1143	1082
	U	4933	4342	3887	3526	3233	2992	2792	2622	2478
3000	250	1918	1690	1514	1374	1261	1168	1091	1026	970
	U	4603	4051	3624	3286	3011	2785	2596	2437	2301

MULLION SELECTION TABLE

PRESS METAL
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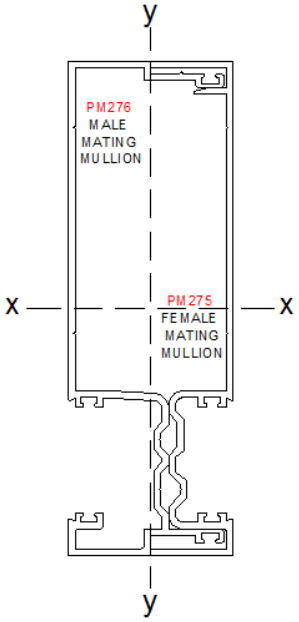
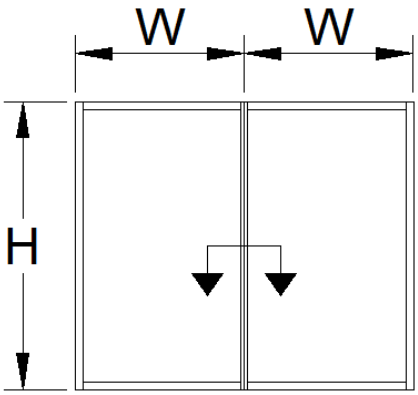
2006 SERIES - 150 x 50mm Front Pocket Mullions





MULLION: 150mm x 50mm	
PM276	**PM275**
Ixx = 1811.78 x 10^3 mm4	Ixx = 1382.35 x 10^3 mm4
y max = 82.6mm	y max = 82.4mm
Moment of Inertia = 3194.13 x 10^3 mm4	
Max Depth of Section from N Axis = 86.2mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 38.7	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250		ULTIMATE U		LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa				
W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	5000	5000	5000	5000	5000	5000	5000	4842	4654
	U	8000	8000	8000	8000	8000	8000	7617	7263	6980
2100	250	5000	5000	5000	5000	5000	4810	4537	4314	4132
	U	8000	8000	8000	8000	7721	7216	6805	6470	6198
2200	250	5000	5000	5000	5000	4649	4336	4081	3871	3698
	U	8000	8000	8000	7551	6973	6504	6121	5806	5547
2300	250	5000	5000	5000	4577	4220	3930	3692	3495	3331
	U	8000	8000	7532	6865	6331	5896	5538	5242	4997
2400	250	5000	5000	4591	4181	3850	3581	3358	3173	3019
	U	8000	7669	6887	6271	5775	5371	5037	4760	4528
2500	250	5000	4698	4215	3834	3527	3276	3069	2895	2750
	U	7987	7046	6323	5751	5291	4915	4603	4343	4125
2600	250	4913	4332	3884	3530	3244	3010	2816	2654	2517
	U	7369	6497	5826	5295	4867	4516	4224	3980	3775
2700	250	4548	4007	3591	3261	2995	2776	2594	2442	2313
	U	6821	6011	5386	4892	4492	4164	3891	3662	3469
2800	250	4222	3718	3330	3022	2773	2569	2398	2255	2133
	U	6333	5577	4995	4533	4160	3853	3597	3382	3200
2900	250	3872	3456	3097	2809	2576	2374	2224	2089	1974
	U	5895	5190	4645	4213	3864	3576	3336	3134	2962
3000	250	3482	3105	2814	2583	2396	2219	2004	1901	1814
	U	5501	4841	4331	3926	3599	3328	3103	2912	2750
3100	250	3142	2800	2536	2326	2156	2016	1800	1706	1627
	U	5146	4527	4048	3668	3360	3106	2893	2714	2561
3200	250	2845	2534	2293	2102	1947	1819	1623	1537	1464
	U	4824	4242	3792	3435	3145	2906	2705	2535	2391
3300	250	2585	2301	2081	1906	1764	1647	1549	1390	1323
	U	4532	3984	3560	3224	2950	2724	2535	2374	2237
3400	250	2355	2095	1894	1734	1604	1496	1406	1261	1199
	U	4266	3749	3349	3031	2773	2559	2380	2229	2099
3500	250	2304	1913	1729	1582	1462	1364	1281	1210	1090
	U	4022	3534	3156	2856	2611	2409	2240	2096	1973
3600	250	2111	1752	1582	1447	1337	1246	1170	1105	994
	U	3799	3337	2980	2695	2464	2272	2112	1975	1858
3700	250	1938	1608	1452	1327	1225	1141	1071	1011	910
	U	3594	3156	2817	2548	2328	2147	1994	1864	1753
3800	250	1784	1480	1335	1220	1126	1048	983	928	880
	U	3405	2990	2668	2412	2204	2031	1886	1763	1657
3900	250	1646	1365	1231	1124	1037	965	905	853	809
	U	3231	2836	2531	2287	2089	1925	1787	1670	1569

MULLION SELECTION TABLE

PRESS METAL
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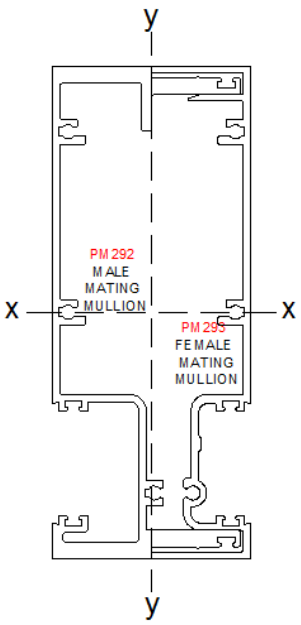
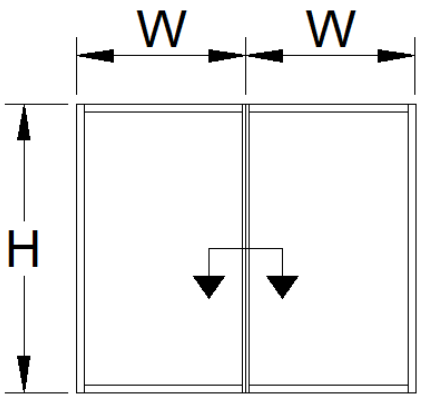
2000 SERIES - 150 x 50mm Front Pocket Mullions





MULLION: 150mm x 60mm	
PM292	**PM293**
Ixx = 3404.68 x 10^3 mm4	Ixx = 293.0 x 10^3 mm4
y max = 77.9mm	y max = 78.5mm
Moment of Inertia = 5195.69 x 10^3 mm4	
Max Depth of Section from N Axis = 78.5mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 66.2	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250		ULTIMATE U		LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa				
W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
2100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
2200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
2300	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
2400	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	7750
2500	250	5000	5000	5000	5000	5000	5000	5000	4956	4707
	U	8000	8000	8000	8000	8000	8000	7879	7434	7060
2600	250	5000	5000	5000	5000	5000	5000	4820	4542	4307
	U	8000	8000	8000	8000	8000	7729	7230	6813	6461
2700	250	5000	5000	5000	5000	5000	4752	4440	4179	3958
	U	8000	8000	8000	8000	7689	7127	6661	6269	5937
2800	250	5000	5000	5000	5000	4747	4330	4090	3859	3651
	U	8000	8000	8000	7759	7120	6595	6157	5789	5477
2900	250	5000	5000	5000	4684	4349	3861	3643	3460	3305
	U	8000	8000	7950	7211	6613	6121	5710	5364	5069
3000	250	5000	5000	4578	4202	3898	3648	3260	3093	2951
	U	8000	8000	7413	6721	6159	5697	5311	4984	4707
3100	250	5000	4555	4125	3784	3508	3280	2928	2776	2646
	U	8000	7748	6929	6279	5751	5316	4952	4645	4383
3200	250	4628	4122	3731	3420	3168	2959	2640	2501	2382
	U	8000	7261	6491	5879	5383	4973	4630	4340	4092
3300	250	4204	3742	3385	3101	2870	2680	2520	2261	2152
	U	7757	6819	6094	5517	5049	4663	4339	4064	3829
3400	250	3831	3408	3081	2820	2609	2434	2288	2051	1950
	U	7301	6416	5732	5188	4746	4381	4074	3814	3592
3500	250	3747	3112	2812	2573	2379	2218	2083	1969	1774
	U	6884	6049	5402	4888	4470	4124	3834	3588	3377
3600	250	3433	2850	2573	2353	2175	2027	1902	1797	1618
	U	6502	5712	5100	4613	4217	3889	3614	3381	3180
3700	250	3153	2616	2361	2158	1993	1857	1742	1644	1480
	U	6151	5402	4822	4361	3985	3674	3413	3191	3001
3800	250	2903	2407	2172	1984	1832	1705	1599	1509	1431
	U	5828	5118	4567	4129	3772	3477	3229	3018	2836
3900	250	2678	2220	2002	1828	1687	1570	1471	1388	1316
	U	5530	4855	4332	3915	3576	3295	3059	2858	2685

MULLION SELECTION TABLE

PRESS METAL
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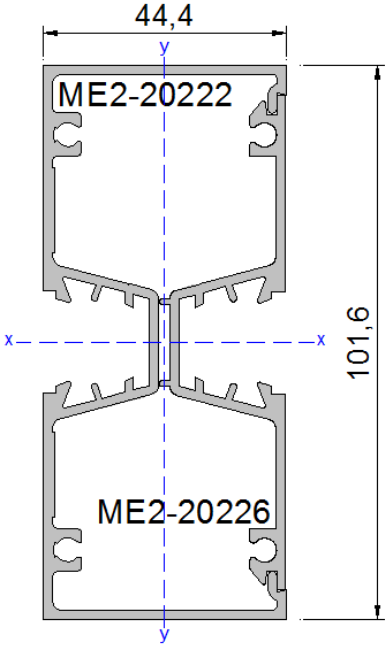
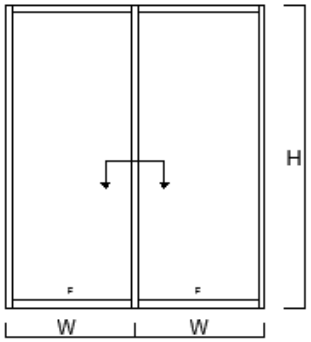
2007 SERIES - ME2 SG FRAME





MULLIONS	
ME2-20222	ME2-20226
Ixx = 891.25 x 10³ mm4	
Iyy = 129.98 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

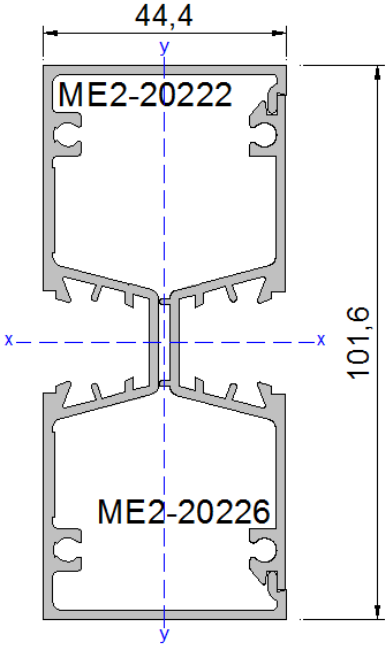
		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

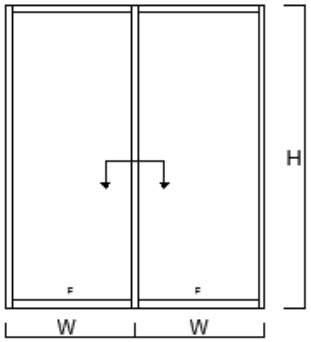
		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	3545	3150	2850	2617	2432	2285	2167	2073	1999
	U	5841	5178	4673	4278	3965	3714	3511	3348	3218
2100	250	3048	2705	2443	2238	2076	1946	1841	1755	1687
	U	5277	4672	4210	3848	3559	3326	3137	2983	2857
2200	250	2641	2340	2110	1931	1787	1672	1577	1501	1438
	U	4792	4238	3814	3481	3214	2998	2822	2676	2557
2300	250	2303	2038	1836	1677	1550	1447	1363	1294	1237
	U	4371	3862	3472	3165	2918	2718	2553	2417	2303
2400	250	2021	1787	1608	1467	1354	1262	1186	1124	1072
	U	4004	3535	3175	2891	2662	2476	2322	2194	2087
2500	250	1783	1575	1416	1290	1190	1107	1039	983	936
	U	3682	3248	2915	2651	2439	2266	2122	2002	1901
2600	250	1581	1396	1254	1141	1051	977	916	865	822
	U	3397	2995	2686	2441	2243	2082	1947	1835	1740
2700	250	1409	1243	1116	1015	934	867	812	766	727
	U	3144	2771	2483	2255	2071	1920	1794	1688	1599
2800	250	1261	1112	997	906	833	773	723	681	646
	U	2919	2571	2302	2090	1918	1776	1658	1559	1475
2900	250	1133	998	895	813	747	692	647	609	576
	U	2717	2392	2141	1942	1781	1648	1538	1445	1365
3000	250	1022	900	806	732	672	622	581	546	517
	U	2536	2232	1997	1810	1659	1534	1430	1342	1268

MULLION SELECTION TABLE

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2007 SERIES - ME2 SG FRAME





MULLIONS	
ME2-20222	ME2-20226
Ixx = 891.25 x 10³ mm4	
Iyy = 129.98 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

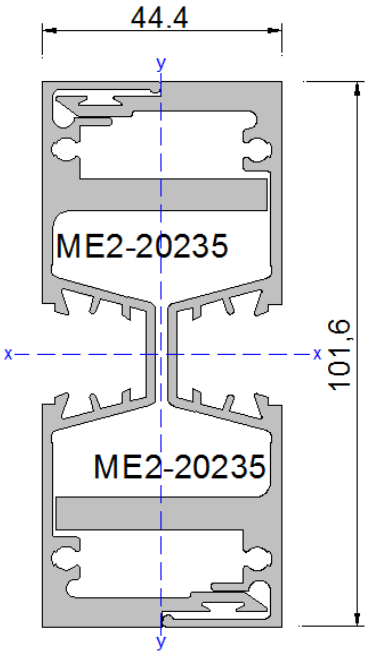
		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

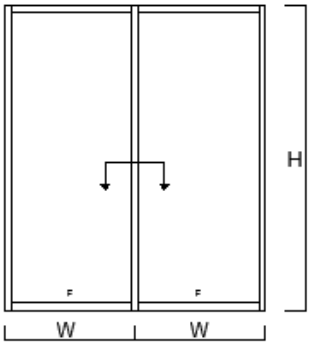
		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	3545	3150	2850	2617	2432	2285	2167	2073	1999
	U	5841	5178	4673	4278	3965	3714	3511	3348	3218
2100	250	3048	2705	2443	2238	2076	1946	1841	1755	1687
	U	5277	4672	4210	3848	3559	3326	3137	2983	2857
2200	250	2641	2340	2110	1931	1787	1672	1577	1501	1438
	U	4792	4238	3814	3481	3214	2998	2822	2676	2557
2300	250	2303	2038	1836	1677	1550	1447	1363	1294	1237
	U	4371	3862	3472	3165	2918	2718	2553	2417	2303
2400	250	2021	1787	1608	1467	1354	1262	1186	1124	1072
	U	4004	3535	3175	2891	2662	2476	2322	2194	2087
2500	250	1783	1575	1416	1290	1190	1107	1039	983	936
	U	3682	3248	2915	2651	2439	2266	2122	2002	1901
2600	250	1581	1396	1254	1141	1051	977	916	865	822
	U	3397	2995	2686	2441	2243	2082	1947	1835	1740
2700	250	1409	1243	1116	1015	934	867	812	766	727
	U	3144	2771	2483	2255	2071	1920	1794	1688	1599
2800	250	1261	1112	997	906	833	773	723	681	646
	U	2919	2571	2302	2090	1918	1776	1658	1559	1475
2900	250	1133	998	895	813	747	692	647	609	576
	U	2717	2392	2141	1942	1781	1648	1538	1445	1365
3000	250	1022	900	806	732	672	622	581	546	517
	U	2536	2232	1997	1810	1659	1534	1430	1342	1268

MULLION SELECTION TABLE

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

2007 SERIES - ME2 SG FRAME





MULLIONS	
ME2-20235	**ME2-20235**
Ixx = 2059.54 x 10³ mm4	
Iyy = 219.66 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa						
W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	5000	5000	5000	5000	5000	5000	5000	4791	4619
	U	8000	8000	8000	8000	8000	8000	8000	7667	7369
2100	250	5000	5000	5000	5000	4797	4496	4253	4056	3897
	U	8000	8000	8000	8000	8000	7618	7184	6831	6544
2200	250	5000	5000	4876	4461	4130	3863	3645	3467	3322
	U	8000	8000	8000	7971	7361	6866	6462	6129	5856
2300	250	5000	4710	4243	3876	3582	3344	3150	2990	2858
	U	8000	8000	7951	7248	6683	6224	5846	5534	5275
2400	250	4669	4129	3715	3389	3128	2916	2742	2597	2477
	U	8000	8000	7271	6620	6097	5670	5318	5025	4780
2500	250	4120	3640	3272	2982	2749	2559	2402	2272	2163
	U	8000	7439	6675	6072	5586	5188	4859	4585	4354
2600	250	3653	3226	2897	2638	2429	2258	2117	1999	1900
	U	7780	6859	6150	5590	5138	4767	4460	4202	3985
2700	250	3255	2872	2578	2345	2157	2003	1876	1769	1680
	U	7201	6346	5686	5164	4742	4396	4108	3866	3662
2800	250	2913	2569	2304	2094	1925	1786	1671	1574	1492
	U	6685	5888	5273	4786	4392	4068	3798	3571	3378
2900	250	2618	2307	2068	1878	1725	1599	1495	1407	1332
	U	6223	5479	4904	4448	4079	3775	3522	3308	3127
3000	250	2361	2080	1863	1691	1552	1438	1343	1262	1194
	U	5808	5111	4572	4145	3799	3514	3275	3074	2903

MULLION SELECTION TABLE

PRESS METAL
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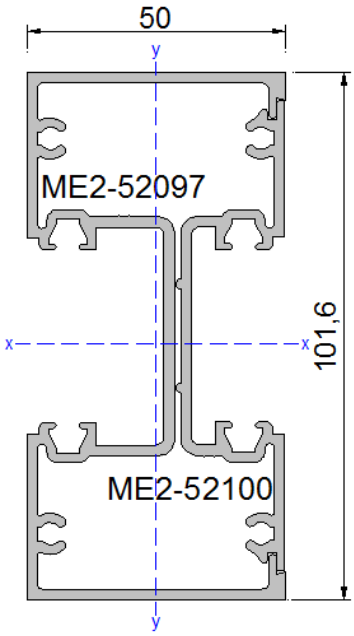
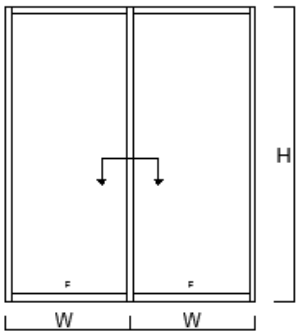
2008 SERIES - ME2 DG FRAME





MULLIONS	
ME2-52097	ME2-52100
Ixx = 932.06 x 10³ mm4	
Iyy = 129.98 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	3707	3294	2981	2736	2544	2390	2267	2168	2090
	U	6108	5415	4887	4474	4146	3884	3672	3501	3365
2100	250	3188	2828	2555	2341	2171	2035	1925	1836	1764
	U	5518	4886	4403	4024	3722	3478	3280	3119	2988
2200	250	2761	2447	2207	2019	1869	1748	1650	1569	1504
	U	5011	4432	3988	3640	3361	3135	2951	2799	2674
2300	250	2408	2132	1920	1754	1621	1513	1425	1353	1293
	U	4571	4039	3631	3310	3052	2842	2670	2527	2409
2400	250	2113	1869	1681	1534	1416	1320	1241	1175	1121
	U	4187	3697	3320	3023	2784	2589	2428	2295	2183
2500	250	1864	1647	1481	1349	1244	1158	1087	1028	979
	U	3850	3397	3048	2773	2551	2369	2219	2094	1988
2600	250	1653	1460	1311	1194	1099	1022	958	905	860
	U	3552	3132	2808	2553	2346	2177	2036	1919	1820
2700	250	1473	1300	1167	1061	976	907	849	801	760
	U	3288	2898	2596	2358	2165	2007	1876	1766	1672
2800	250	1318	1163	1043	948	871	808	756	712	675
	U	3053	2689	2408	2185	2005	1857	1734	1630	1542
2900	250	1185	1044	936	850	781	724	676	637	603
	U	2842	2502	2239	2031	1863	1724	1608	1511	1428
3000	250	1068	941	843	765	702	651	608	571	541
	U	2652	2334	2088	1893	1735	1604	1496	1404	1326

MULLION SELECTION TABLE

PRESS METAL
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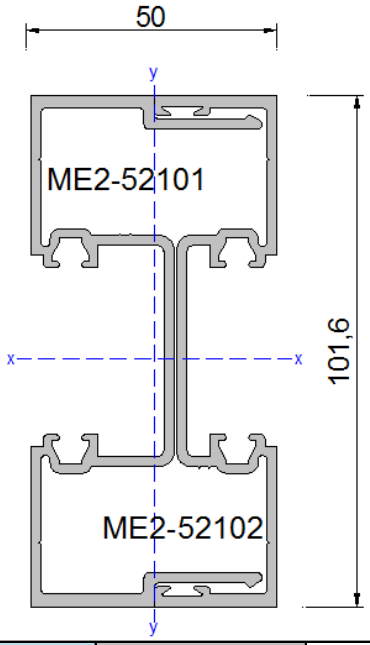
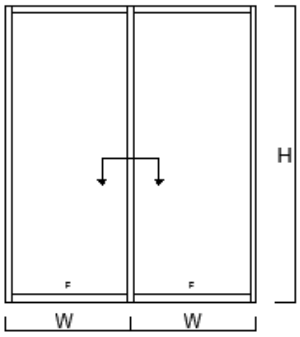
2008 SERIES - ME2 DG FRAME





MULLIONS	
ME2-52101	ME2-52102
Ixx = 1193.71 x 10³ mm4	
Iyy = 99.84 x 10³ mm4	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	4748	4219	3817	3505	3258	3061	2903	2777	2677
	U	7823	6935	6258	5730	5310	4974	4703	4484	4310
2100	250	4083	3622	3272	2998	2781	2606	2465	2351	2259
	U	7067	6258	5639	5154	4767	4455	4201	3995	3827
2200	250	3536	3134	2826	2586	2394	2239	2113	2010	1926
	U	6418	5676	5108	4662	4305	4016	3779	3584	3424
2300	250	3084	2730	2459	2246	2076	1938	1826	1733	1656
	U	5854	5173	4650	4239	3908	3640	3419	3237	3085
2400	250	2706	2393	2153	1964	1813	1690	1589	1505	1436
	U	5363	4735	4252	3871	3566	3316	3110	2939	2796
2500	250	2388	2110	1896	1728	1593	1483	1392	1317	1254
	U	4931	4350	3904	3551	3267	3034	2842	2681	2547
2600	250	2118	1870	1679	1529	1408	1309	1227	1159	1102
	U	4550	4011	3597	3269	3005	2788	2608	2457	2330
2700	250	1887	1665	1494	1359	1250	1161	1087	1026	973
	U	4211	3711	3325	3020	2773	2571	2403	2261	2142
2800	250	1689	1489	1335	1214	1116	1035	968	912	865
	U	3910	3443	3084	2799	2568	2379	2221	2088	1975
2900	250	1517	1337	1198	1089	1000	927	866	815	772
	U	3639	3204	2868	2601	2385	2208	2060	1935	1828
3000	250	1368	1205	1080	980	900	833	778	732	692
	U	3396	2989	2674	2424	2222	2055	1916	1798	1698

MULLION SELECTION TABLE

PRESS METAL
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THERMAL CHARTS

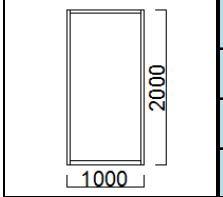
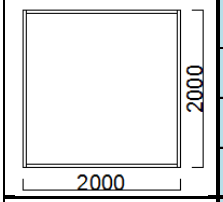
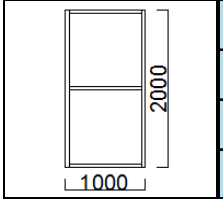
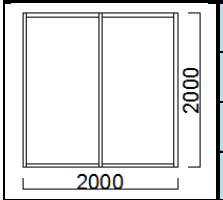
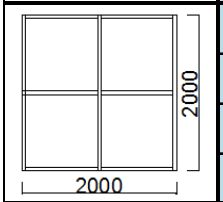
2001 SERIES

Fixed Light

67 x 45 Front Pocket Frames

Single & Double Glazing

GLASS SELECTION CHART

		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	18.00 DGU 4Clear-10Air-4Clear	18.00 DGU 6.38Clear-8Air-4Clear	18.00 DGU 6.38 Comfort Plus Clear-8Air-4Clear
	**UW**	5.8	5.6	5.6	4.0	4.0	4.0	4.1	4.0	3.9	3.9	3.9	3.5	3.6	3.0
	SHGC	0.71	0.68	0.66	0.60	0.43	0.44	0.45	0.56	0.40	0.34	0.42	0.67	0.63	0.53
	TVW	0.76	0.75	0.74	0.70	0.33	0.61	0.50	0.68	0.34	0.51	0.52	0.70	0.69	0.64
	**UW**	5.7	5.5	5.5	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.3	3.3	2.7
	SHGC	0.75	0.71	0.69	0.62	0.45	0.46	0.47	0.58	0.42	0.53	0.44	0.71	0.66	0.56
	TVW	0.80	0.79	0.79	0.74	0.35	0.64	0.53	0.72	0.36	0.53	0.55	0.74	0.73	0.67
	**UW**	5.9	5.8	5.7	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.1	3.7	3.8	3.3
	SHGC	0.69	0.65	0.64	0.67	0.42	0.43	0.44	0.54	0.39	0.33	0.41	0.65	0.61	0.52
	TVW	0.73	0.72	0.72	0.71	0.32	0.58	0.48	0.65	0.33	0.49	0.50	0.67	0.67	0.61
	**UW**	5.8	5.7	5.6	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.5	3.5	3.0
	SHGC	0.72	0.69	0.67	0.60	0.44	0.45	0.46	0.57	0.41	0.35	0.43	0.68	0.64	0.54
	TVW	0.78	0.76	0.76	0.71	0.34	4.24	0.51	0.69	0.34	0.52	0.53	0.71	0.71	0.65
	**UW**	5.9	5.8	5.7	4.2	4.2	4.2	4.3	4.2	4.1	4.1	4.1	3.7	3.8	3.2
	SHGC	0.70	0.66	0.65	0.59	0.43	0.43	0.44	0.55	0.40	0.34	0.42	0.66	0.62	0.53
	TVW	0.75	0.73	0.73	0.69	0.33	0.60	0.49	0.67	0.33	0.50	0.51	0.69	0.68	0.63
AFRC Lab Fenestration Performance Report					Notes:										

U - value - Solar Heat Gain Coefficient - Visible Transmittance

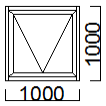
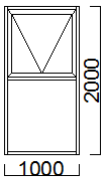
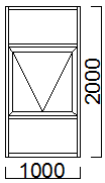
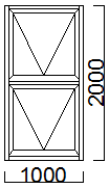
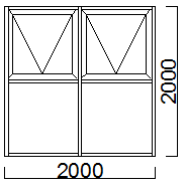
Uw: U-value measures how well a product prevents heat from escaping the building in winter and entering the building in summer. The lower the U-value (Uw), the better the thermal efficiency.

SHGC: Solar Heat Gain Coefficient, measures how well a product blocks heat from the suns rays. SHGC is expressed as a number between 0 and 1. The lower the SHGC, the better a product is at blocking unwanted heat gain.

Tvw: Visible Transmittance (Tvw) measures how much light comes through a window. Tvw is expressed as a number between 0 and 1. The Higher the Number the more daylight will enter the room

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

THERMAL CHARTS

2001 SERIES 35mm Awning Sash 67 x 45 Front Pocket Frames Single & Double Glazing		GLASS SELECTION CHART												
		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	18.00 DGU 4Clear-10Air-4Clear	18.00 DGU 6.38Clear-8Air-4Clear	18.00 DGU 6.38 Comfort Plus Clear-8Air-4Clear
	UW	6.4	6.3	6.2	5.2	5.2	5.2	5.2	5.1	5.0	5.0	5.0	4.4	4.5	4.1
	SHGC	0.57	0.54	0.53	0.48	0.36	0.36	0.37	0.45	0.33	0.29	0.35	0.53	0.50	0.43
	TVW	0.58	0.57	0.56	0.53	0.25	0.46	0.38	0.52	0.26	0.38	0.40	0.53	0.53	0.49
	UW	6.2	6.0	6.0	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.0	4.0	3.6
	SHGC	0.62	0.59	0.63	0.52	0.38	0.39	0.40	0.49	0.35	0.30	0.37	0.60	0.56	0.48
	TVW	0.65	0.64	0.63	0.60	0.28	0.52	0.43	0.58	0.29	0.43	0.44	0.62	0.61	0.56
	UW	6.5	6.4	6.3	5.2	5.2	5.7	5.3	5.2	5.1	5.1	5.1	4.2	4.3	3.8
	SHGC	0.59	0.56	0.55	0.50	0.37	0.35	0.39	0.47	0.35	0.30	0.37	0.58	0.54	0.47
	TVW	0.61	0.60	0.59	0.56	0.27	0.43	0.40	0.54	0.27	0.40	0.42	0.59	0.58	0.54
	UW	6.3	6.2	6.1	5.0	5.0	5.0	5.0	4.9	4.8	4.8	4.8	4.4	4.4	4.0
	SHGC	0.58	0.55	0.54	0.49	0.36	0.37	0.37	0.46	0.33	0.29	0.35	0.55	0.51	0.4
	TVW	0.59	0.59	0.58	0.55	0.26	0.47	0.39	0.53	0.26	0.39	0.41	0.55	0.54	0.50
	UW	6.2	6.1	6.0	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.0	4.1	3.6
	SHGC	0.62	0.59	0.57	0.52	0.38	0.39	0.39	0.48	0.35	0.30	0.37	0.60	0.56	0.48
	TVW	0.64	0.63	0.63	0.59	0.28	0.51	0.42	0.57	0.29	0.43	0.44	0.61	0.60	0.56
AFRC Lab Fenestration Performance Report		Notes:													

U - value - Solar Heat Gain Coefficient - Visible Transmittance

Uw: U-value measures how well a product prevents heat from escaping the building in winter and entering the building in summer. The lower the U-value (Uw), the better the thermal efficiency.

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Tvw: Visible Transmittance (Tvw) measures how much light comes through a window. Tvw is expressed as a number between 0 and 1. The Higher the Number the more daylight will enter the room

PRESS METAL
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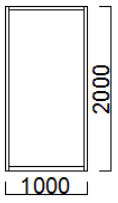
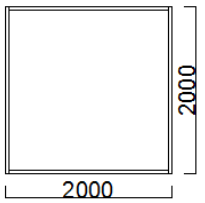
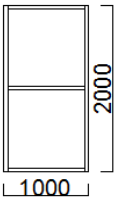
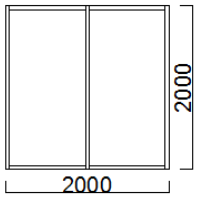
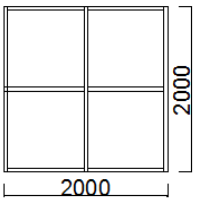
THERMAL CHARTS

2002 SERIES Fixed Light 100 x 45 Center Pocket Frames Single Glazing		GLASS SELECTION CHART										
		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	TYPE F: 6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E
	UW	5.9	5.8	5.7	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1
	SHGC	0.71	0.67	0.66	0.59	0.43	0.44	0.44	0.55	0.40	0.34	0.42
	TVW	0.76	0.75	0.74	0.70	0.33	0.60	0.50	0.68	0.34	0.50	0.52
	UW	5.8	5.6	5.6	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8
	SHGC	0.74	0.71	0.69	0.62	0.45	0.46	0.47	0.58	0.42	0.35	0.44
	TVW	0.80	0.79	0.78	0.74	0.35	0.64	0.53	0.71	0.36	0.53	0.55
	UW	6.1	5.9	5.9	4.4	4.4	4.4	4.5	4.4	4.3	4.3	4.3
	SHGC	0.69	0.65	0.64	0.57	0.42	0.43	0.43	0.54	0.39	0.33	0.41
	TVW	0.74	0.72	0.72	0.68	0.32	0.59	0.48	0.65	0.33	0.49	0.50
	UW	5.9	5.8	5.7	4.1	4.2	4.1	4.2	4.1	4.1	4.1	4.0
	SHGC	0.72	0.69	0.67	0.60	0.44	0.45	0.45	0.56	0.40	0.34	0.43
	TVW	0.78	0.76	0.76	0.71	0.34	0.62	0.51	0.69	0.35	0.52	0.53
	UW	6.1	6.0	5.9	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3
	SHGC	0.70	0.67	0.65	0.59	0.43	0.43	0.44	0.55	0.39	0.34	0.42
	TVW	0.75	0.74	0.74	0.69	0.33	0.60	0.50	0.67	0.33	0.50	0.52

AFRC Lab Fenestration Performance Report

Notes:

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PRESS METAL
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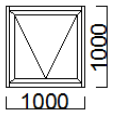
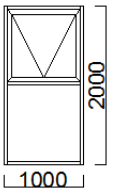
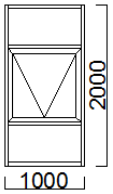
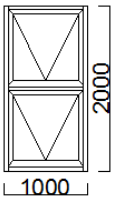
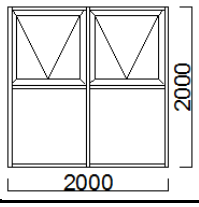
THERMAL CHARTS

2002 SERIES 35mm Awning Sash 100 x 45 Center Pocket Frames Single Glazing		GLASS SELECTION CHART										
		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	TYPE F: 6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E
	UW	6.7	6.6	6.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3
	SHGC	0.57	0.54	0.53	0.48	0.36	0.37	0.37	0.45	0.34	0.29	0.35
	TVW	0.58	0.57	0.56	0.53	0.25	0.46	0.38	0.51	0.26	0.38	0.39
	UW	6.5	6.4	6.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0
	SHGC	0.59	0.56	0.55	0.50	0.37	0.38	0.38	0.47	0.34	0.30	0.36
	TVW	0.61	0.60	0.59	0.56	0.27	0.49	0.40	0.54	0.27	0.40	0.42
	UW	6.8	6.5	6.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3
	SHGC	0.61	0.57	0.57	0.52	0.39	0.39	0.40	0.49	0.36	0.31	0.38
	TVW	0.64	0.60	0.62	0.59	0.28	0.51	0.42	0.57	0.28	0.42	0.44
	UW	6.6	6.4	6.4	5.3	5.3	5.3	5.3	4.9	5.2	5.2	5.1
	SHGC	0.58	0.55	0.54	0.49	0.36	0.37	0.37	0.50	0.34	0.29	0.35
	TVW	0.59	0.58	0.58	0.54	0.26	0.47	0.39	0.59	0.26	0.39	0.41
	UW	6.4	6.3	6.2	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.8
	SHGC	0.63	0.60	0.59	0.53	0.39	0.40	0.40	0.50	0.36	0.31	0.38
	TVW	0.66	0.65	0.65	0.61	0.29	0.53	0.44	0.59	0.29	0.44	0.45
AFRC Lab Fenestration Performance Report		Notes:										

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THERMAL CHARTS

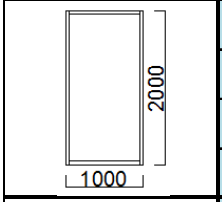
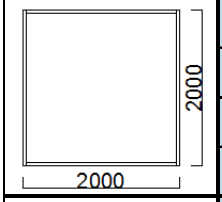
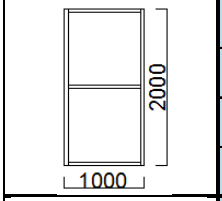
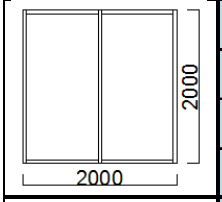
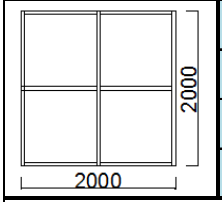
2003 SERIES

100 x 45mm

Centre Pocket Frame

Double Glazing

GLASS SELECTION CHART

		6mm Clear 12mm Air 6mm Clear	10mm Clear 12mm Air 6mm Clear	6mm Grey 12mm Air 6mm Clear	10mm Grey 12mm Air 6mm Clear	6mm Evangage Clear 12mm Air 6mm Clear	6mm Evantage Grey 12mm Air 6mm Clear	6mm Evantage S/Green 12mm Air 6mm Clear	6mm Evantage S/Blue 12mm Air 6mm Clear	6mm Energy Tech Clear 12mm Air 6mm Clear	6mm SolTech (#2) Neutral 12mm Air 6mm Clear PerformatechE	6mm SolTech Grey 12mm Air 6mm Clear PerformatechE	8.76mm Clear Laminated 12mm Argon 6mm Clear Performance	8.76mm Grey Laminated 12mm Argon 6mm Clear Performance	8.38mm Comfort+ Neutral 59 12mm Argon 6mm Clear	8.38mm Comfort+ Blue 44 12mm Argon 6mm Clear
	**UW**	3.50	3.48	3.50	3.48	2.95	2.95	2.95	2.95	2.87	2.70	2.68	2.46	2.46	2.87	2.86
	SHGC	0.61	0.55	0.40	0.32	0.49	0.30	0.26	0.26	0.53	0.31	0.23	0.39	0.28	0.37	0.27
	TVW	0.67	0.65	0.31	0.21	0.52	0.25	0.38	0.30	0.62	0.41	0.31	0.56	0.35	0.44	0.36
	**UW**	3.22	3.19	3.22	3.19	2.62	2.62	2.63	2.62	2.54	2.35	2.33	2.09	2.09	2.54	2.53
	SHGC	0.65	0.58	0.42	0.33	0.51	0.31	0.28	0.27	0.56	0.32	0.24	0.41	0.30	0.38	0.28
	TVW	0.71	0.68	0.33	0.22	0.55	0.26	0.40	0.31	0.65	0.43	0.33	0.60	0.37	0.47	0.38
	**UW**	3.73	3.71	3.73	3.71	3.20	3.20	3.21	3.20	3.13	2.97	2.95	2.74	2.74	3.13	3.12
	SHGC	0.60	0.54	0.39	0.31	0.47	0.29	0.26	0.25	0.52	0.30	0.23	0.38	0.28	0.36	0.27
	TVW	0.65	0.63	0.30	0.20	0.51	0.24	0.37	0.29	0.60	0.40	0.30	0.55	0.34	0.43	0.35
	**UW**	3.46	3.43	3.46	3.44	2.89	2.89	2.90	2.89	2.82	2.64	2.62	2.39	2.39	2.82	2.80
	SHGC	0.63	0.56	0.41	0.32	0.50	0.30	0.27	0.26	0.55	0.31	0.24	0.40	0.29	0.37	0.28
	TVW	0.68	0.66	0.32	0.22	0.54	0.25	0.39	0.31	0.63	0.42	0.32	0.58	0.36	0.45	0.37
	**UW**	3.70	3.67	3.70	3.67	3.15	3.15	3.16	3.15	3.08	2.91	2.89	2.68	2.68	3.08	3.07
	SHGC	0.61	0.55	0.40	0.31	0.48	0.29	0.26	0.26	0.53	0.31	0.23	0.39	0.28	0.37	0.27
	TVW	0.66	0.64	0.31	0.21	0.52	0.24	0.38	0.30	0.61	0.41	0.31	0.56	0.35	0.44	0.36

AFRC Lab Fenestration Performance Report

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THERMAL CHARTS

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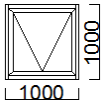
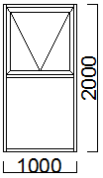
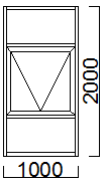
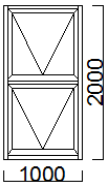
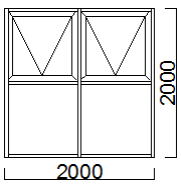
		6mm Clear 12mm Air 6mm Clear	10mm Clear 12mm Air 6mm Clear	6mm Grey 12mm Air 6mm Clear	10mm Grey 12mm Air 6mm Clear	6mm Evangage Clear 12mm Air 6mm Clear	6mm Evantage Grey 12mm Air 6mm Clear	6mm Evantage S/Green 12mm Air 6mm Clear	6mm Evantage S/Blue 12mm Air 6mm Clear	6mm Energy Tech Clear 12mm Air 6mm Clear	6mm SolTech (#2) Neutral 12mm Air 6mm Clear PerformatechE	6mm SolTech Grey 12mm Air 6mm Clear PerformatechE	8.76mm Clear Laminated 12mm Argon 6mm Clear Performance	8.76mm Grey Laminated 12mm Argon 6mm Clear Performance	8.38mm Comfort+ Neutral 59 12mm Argon 6mm Clear	8.38mm Comfort+ Blue 44 12mm Argon 6mm Clear
	UW	4.6	4.6	4.6	4.6	4.2	4.2	4.2	4.2	4.1	4.0	4.0	3.8	3.8	4.1	4.1
	SHGC	0.49	0.45	0.33	0.27	0.40	0.25	0.23	0.22	0.43	0.26	0.20	0.32	0.24	0.31	0.23
	TVW	0.51	0.49	0.24	0.16	0.40	0.19	0.29	0.23	0.47	0.31	0.23	0.43	0.27	0.34	0.27
	UW	4.2	4.1	4.2	4.1	3.7	3.7	3.7	3.7	3.6	3.5	3.4	3.3	3.3	3.6	3.6
	SHGC	0.55	0.50	0.36	0.29	0.44	0.27	0.24	0.24	0.48	0.28	0.22	0.36	0.26	0.33	0.25
	TVW	0.58	0.56	0.27	0.18	0.46	0.21	0.33	0.26	0.54	0.36	0.27	0.49	0.31	0.39	0.31
	UW	4.7	4.6	4.7	4.6	4.2	4.2	4.2	4.2	4.2	4.0	4.0	3.8	3.8	4.1	4.1
	SHGC	0.54	0.49	0.36	0.29	0.43	0.27	0.24	0.24	0.47	0.28	0.22	0.35	0.26	0.33	0.25
	TVW	0.56	0.54	0.26	0.18	0.44	0.21	0.32	0.25	0.52	0.35	0.26	0.47	0.29	0.37	0.30
	UW	4.5	4.5	4.5	4.5	4.1	4.1	4.1	4.1	4.1	3.9	3.9	3.7	3.7	4.0	4.0
	SHGC	0.50	0.46	0.33	0.27	0.40	0.26	0.23	0.23	0.44	0.27	0.21	0.33	0.25	0.31	0.24
	TVW	0.52	0.50	0.25	0.16	0.41	0.19	0.29	0.23	0.48	0.32	0.24	0.44	0.27	0.35	0.28
	UW	4.2	4.2	4.2	4.2	3.7	3.7	3.7	3.7	3.7	3.5	3.5	3.3	3.3	3.6	3.6
	SHGC	0.55	0.50	0.36	0.29	0.44	0.27	0.24	0.24	0.48	0.28	0.22	0.36	0.26	0.33	0.25
	TVW	0.58	0.56	0.27	0.18	0.46	0.21	0.33	0.26	0.54	0.36	0.27	0.49	0.31	0.39	0.31

AFRC Lab Fenestration Performance Report

Notes:

U - value - Solar Heat Gain Coefficient - Visible Transmittance

Uw: U-value measures how well a product prevents heat from escaping the building in winter and entering the building in summer. The lower the U-value (Uw), the better the thermal efficiency.

SHGC: Solar Heat Gain Coefficient, measures how well a product blocks heat from the suns rays. SHGC is expressed as a number between 0 and 1. The lower the SHGC, the better a product is at blocking unwanted heat gain.

Tvw: Visible Transmittance (Tvw) measures how much light comes through a window. Tvw is expressed as a number between 0 and 1. The Higher the Number the more daylight will enter the room

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
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THERMAL CHARTS

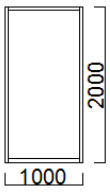
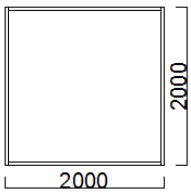
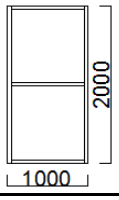
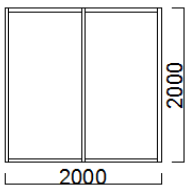
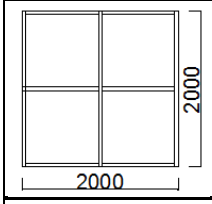
2005 SERIES

Fixed Light

100 x 45 Front Glazed Frames

Single Glazing

GLASS SELECTION CHART

		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	
	UW	6.1	5.9	5.9	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	
	SHGC	0.72	0.68	0.67	0.60	0.44	0.45	0.45	0.56	0.41	0.35	0.43	
	TVW	0.76	0.75	0.75	0.70	0.33	0.61	0.50	0.68	0.34	0.51	0.52	
	UW	5.9	5.7	5.7	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	
	SHGC	0.75	0.71	0.70	0.63	0.46	0.46	0.47	0.59	0.42	0.36	0.45	
	TVW	0.81	0.79	0.79	0.74	0.35	0.64	0.53	0.72	0.36	0.53	0.55	
	UW	6.3	6.1	6.1	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.5	
	SHGC	0.70	0.67	0.65	0.59	0.43	0.44	0.44	0.55	0.40	0.34	0.42	
	TVW	0.74	0.73	0.72	0.68	0.32	0.59	0.49	0.66	0.33	0.49	0.51	
	UW	6.1	5.9	5.9	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	
	SHGC	0.73	0.70	0.68	0.61	0.45	0.45	0.46	0.57	0.41	0.35	0.44	
	TVW	0.78	0.77	0.76	0.72	0.34	0.62	0.52	0.70	0.35	0.52	0.54	
	UW	6.3	6.1	6.1	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	
	SHGC	0.72	0.68	0.67	0.60	0.44	0.45	0.45	0.56	0.41	0.35	0.43	
	TVW	0.76	0.75	0.74	0.70	0.33	0.61	0.50	0.68	0.34	0.50	0.52	

AFRC Lab Fenestration Performance Report

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PRESS METAL
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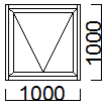
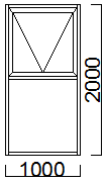
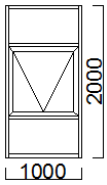
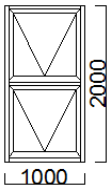
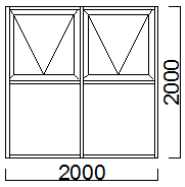
THERMAL CHARTS

2005 SERIES 35mm Awning Sash 100 x 45 Front Glazed Frames Single Glazing		GLASS SELECTION CHART											
		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	
	UW	6.7	6.6	6.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	
	SHGC	0.57	0.54	0.53	0.48	0.36	0.37	0.37	0.45	0.34	0.29	0.35	
	TVW	0.58	0.57	0.56	0.53	0.25	0.46	0.38	0.51	0.26	0.38	0.39	
	UW	6.4	6.3	6.4	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	
	SHGC	0.64	0.61	0.54	0.54	0.40	0.40	0.41	0.50	0.37	0.32	0.39	
	TVW	0.67	0.66	0.58	0.61	0.29	0.53	0.44	0.59	0.30	0.44	0.46	
	UW	6.8	6.7	6.6	5.5	5.5	5.5	5.6	5.5	5.4	5.4	5.4	
	SHGC	0.63	0.60	0.58	0.53	0.40	0.41	0.41	0.50	0.37	0.33	0.39	
	TVW	0.64	0.63	0.63	0.59	0.28	0.51	0.42	0.57	0.29	0.43	0.44	
	UW	6.6	6.5	6.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	
	SHGC	0.58	0.55	0.54	0.49	0.36	0.37	0.37	0.46	0.34	0.29	0.36	
	TVW	0.59	0.58	0.58	0.54	0.26	0.47	0.39	0.53	0.26	0.39	0.41	
	UW	6.5	6.3	6.3	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	
	SHGC	0.64	0.61	0.59	0.54	0.40	0.40	0.41	0.50	0.37	0.32	0.39	
	TVW	0.67	0.65	0.65	0.61	0.29	0.53	0.44	0.59	0.30	0.44	0.46	
AFRC Lab Fenestration Performance Report		Notes:											

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THERMAL CHARTS

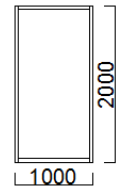
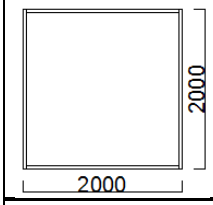
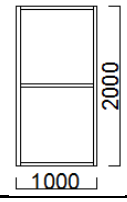
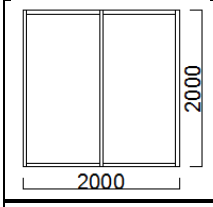
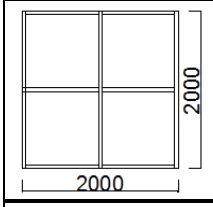
2006 SERIES

Fixed Light

150 x 50 Front Glazed Frames

Single Glazing

GLASS SELECTION CHART

		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	
	UW	6.3	6.2	6.1	4.6	4.6	4.6	4.7	4.6	4.6	4.6	4.5	
	SHGC	0.72	0.68	0.67	0.60	0.44	0.45	0.45	0.56	0.41	0.35	0.43	
	TVW	0.76	0.75	0.74	0.70	0.33	0.60	0.50	0.68	0.34	0.50	0.52	
	UW	6.0	5.9	5.8	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	
	SHGC	0.75	0.71	0.70	0.63	0.46	0.46	0.47	0.59	0.42	0.36	0.45	
	TVW	0.80	0.79	0.78	0.74	0.35	0.64	0.53	0.71	0.36	0.53	0.55	
	UW	6.6	6.4	6.4	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.9	
	SHGC	0.70	0.66	0.65	0.59	0.43	0.44	0.45	0.55	0.40	0.34	0.42	
	TVW	0.74	0.72	0.72	0.68	0.32	0.59	0.48	0.65	0.33	0.49	0.50	
	UW	6.3	6.2	6.1	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	
	SHGC	0.73	0.70	0.68	0.61	0.45	0.46	0.46	0.57	0.42	0.35	0.44	
	TVW	0.78	0.77	0.76	0.71	0.34	0.62	0.51	0.69	0.35	0.52	0.53	
	UW	6.6	6.4	6.4	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	
	SHGC	0.71	0.68	0.66	0.60	0.44	0.45	0.45	0.56	0.41	0.35	0.43	
	TVW	0.75	0.74	0.74	0.69	0.33	0.60	0.50	0.67	0.33	0.50	0.52	

AFRC Lab Fenestration Performance Report

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THERMAL CHARTS

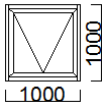
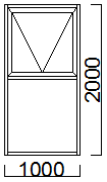
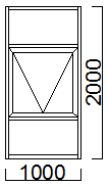
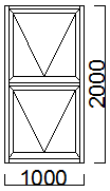
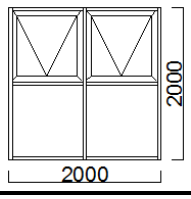
2006 SERIES

35mm Awning Sash

150 x 50 Front Glazed Frames

Single Glazing

GLASS SELECTION CHART

		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	
	UW	7.1	6.9	6.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	
	SHGC	0.57	0.54	0.53	0.49	0.37	0.37	0.38	0.46	0.34	0.30	0.36	
	TVW	0.58	0.57	0.56	0.53	0.25	0.46	0.38	0.51	0.26	0.38	0.39	
	UW	6.7	6.6	6.6	5.3	5.4	5.3	5.4	5.3	5.3	5.3	5.2	
	SHGC	0.64	0.61	0.60	0.54	0.40	0.41	0.41	0.51	0.37	0.32	0.39	
	TVW	0.66	0.65	0.65	0.61	0.29	0.53	0.44	0.59	0.29	0.44	0.45	
	UW	7.2	7.0	7.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	
	SHGC	0.63	0.60	0.59	0.53	0.40	0.41	0.42	0.50	0.38	0.33	0.40	
	TVW	0.64	0.63	0.62	0.59	0.28	0.51	0.42	0.57	0.28	0.42	0.44	
	UW	6.8	6.7	6.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	
	SHGC	0.59	0.56	0.55	0.50	0.37	0.38	0.38	0.47	0.34	0.30	0.36	
	TVW	0.59	0.58	0.58	0.55	0.26	0.47	0.39	0.53	0.26	0.39	0.41	
	UW	6.8	6.6	6.6	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	
	SHGC	0.66	0.62	0.61	0.55	0.41	0.41	0.42	0.52	0.38	0.33	0.40	
	TVW	0.68	0.67	0.67	0.63	0.30	0.54	0.45	0.61	0.30	0.45	0.47	

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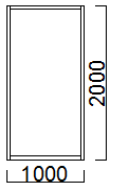
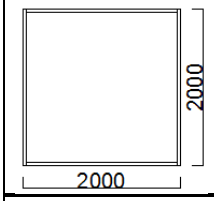
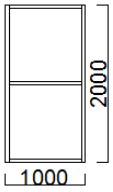
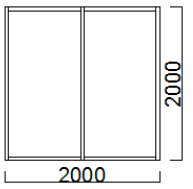
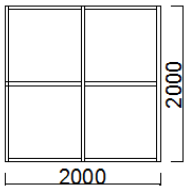
THERMAL CHARTS

2007 SERIES Fixed Light 101.6 x 44.4 CP Glazed Frames Single Glazing		GLASS SELECTION CHART											
		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	
	UW	6.0	5.8	5.8	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	
	SHGC	0.72	0.68	0.67	0.60	0.43	0.44	0.45	0.56	0.40	0.34	0.43	
	TVW	0.77	0.76	0.75	0.71	0.34	0.61	0.51	0.69	0.34	0.51	0.53	
	UW	5.8	5.6	5.6	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	
	SHGC	0.75	0.71	0.70	0.63	0.45	0.46	0.47	0.58	0.42	0.36	0.44	
	TVW	0.81	0.80	0.79	0.74	0.35	0.65	0.53	0.72	0.36	0.54	0.55	
	UW	6.1	6.0	5.9	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	
	SHGC	0.70	0.66	0.65	0.58	0.43	0.43	0.44	0.55	0.39	0.33	0.42	
	TVW	0.75	0.74	0.73	0.69	0.33	0.60	0.49	0.67	0.33	0.50	0.51	
	UW	6.0	5.8	5.8	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	
	SHGC	0.73	0.69	0.68	0.61	0.44	0.45	0.46	0.57	0.41	0.35	0.43	
	TVW	0.79	0.78	0.77	0.73	0.34	0.63	0.52	0.70	0.35	0.52	0.54	
	UW	6.2	6.0	6.0	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3	
	SHGC	0.72	0.68	0.66	0.60	0.43	0.44	0.45	0.56	0.40	0.34	0.42	
	TVW	0.77	0.76	0.75	0.71	0.34	0.61	0.51	0.68	0.34	0.51	0.53	

AFRC Lab Fenestration Performance Report

Notes:

U - value - Solar Heat Gain Coefficient - Visible Transmittance

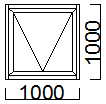
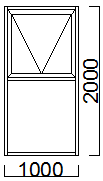
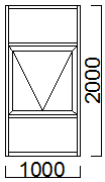
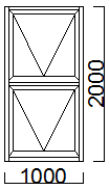
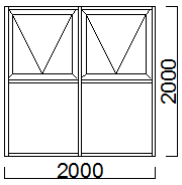
Uw: U-value measures how well a product prevents heat from escaping the building in winter and entering the building in summer. The lower the U-value (Uw), the better the thermal efficiency.

SHGC: Solar Heat Gain Coefficient, measures how well a product blocks heat from the suns rays. SHGC is expressed as a number between 0 and 1. The lower the SHGC, the better a product is at blocking unwanted heat gain.

Tvw: Visible Transmittance (Tvw) measures how much light comes through a window. Tvw is expressed as a number between 0 and 1. The Higher the Number the more daylight will enter the room

PRESS METAL
Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

THERMAL CHARTS

2007 SERIES 35mm Awning Sash 101.6 x 44.4 CP Glazed Frames Single Glazing		GLASS SELECTION CHART											
		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	
	UW	6.7	6.6	6.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	
	SHGC	0.57	0.55	0.53	0.49	0.37	0.37	0.38	0.46	0.34	0.30	0.36	
	TVW	0.58	0.57	0.57	0.54	0.25	0.47	0.39	0.52	0.26	0.39	0.40	
	UW	6.4	6.2	6.2	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	
	SHGC	0.64	0.61	0.60	0.54	0.40	0.40	0.41	0.50	0.37	0.31	0.39	
	TVW	0.67	0.66	0.66	0.62	0.29	0.54	0.44	0.60	0.30	0.45	0.46	
	UW	6.8	6.6	6.5	5.4	5.4	5.4	5.5	5.4	5.3	5.3	5.3	
	SHGC	0.62	0.60	0.58	0.53	0.40	0.40	0.41	0.50	0.37	0.32	0.39	
	TVW	0.65	0.64	0.65	0.60	0.28	0.52	0.43	0.58	0.29	0.43	0.45	
	UW	6.6	6.5	6.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.1	
	SHGC	0.59	0.56	0.54	0.49	0.37	0.37	0.38	0.46	0.34	0.29	0.36	
	TVW	0.60	0.59	0.59	0.55	0.26	0.48	0.40	0.53	0.27	0.40	0.41	
	UW	6.4	6.2	6.2	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	
	SHGC	0.66	0.62	0.61	0.55	0.40	0.41	0.42	0.51	0.37	0.32	0.39	
	TVW	0.69	0.68	0.67	0.63	0.30	0.55	0.46	0.61	0.31	0.46	0.47	
AFRC Lab Fenestration Performance Report		Notes:											

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PRESS METAL
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THERMAL CHARTS

2008 SERIES

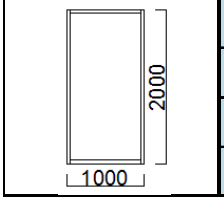
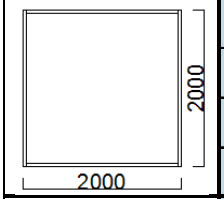
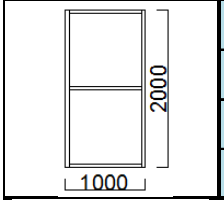
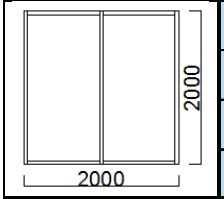
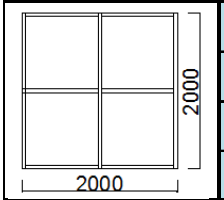
101.6 x 50mm

Centre Pocket Frame

Fixed Lites

Double Glazing

GLASS SELECTION CHART

		6mm Clear 12mm Air 6mm Clear	10mm Clear 12mm Air 6mm Clear	6mm Grey 12mm Air 6mm Clear	10mm Grey 12mm Air 6mm Clear	6mm Evangage Clear 12mm Air 6mm Clear	6mm Evantage Grey 12mm Air 6mm Clear	6mm Evantage S/Green 12mm Air 6mm Clear	6mm Evantage S/Blue 12mm Air 6mm Clear	6mm Energy Tech Clear 12mm Air 6mm Clear	6mm SolTech (#2) Neutral 12mm Air 6mm Clear PerformatechE	6mm SolTech Grey 12mm Air 6mm Clear PerformatechE	8.76mm Clear Laminated 12mm Argon 6mm Clear Performance	8.76mm Grey Laminated 12mm Argon 6mm Clear Performance	8.38mm Comfort+ Neutral 59 12mm Argon 6mm Clear	8.38mm Comfort+ Blue 44 12mm Argon 6mm Clear
	UW	3.5	3.5	3.5	3.5	3.0	3.0	3.0	3.0	2.9	2.7	2.7	2.5	2.5	2.9	2.9
	SHGC	0.61	0.55	0.40	0.32	0.49	0.30	0.26	0.26	0.53	0.31	0.23	0.39	0.28	0.37	0.27
	TVW	0.67	0.65	0.31	0.21	0.52	0.25	0.38	0.30	0.62	0.41	0.31	0.56	0.35	0.44	0.36
	UW	3.2	3.2	3.2	3.2	2.6	2.6	2.6	2.6	2.6	2.4	2.3	2.1	2.1	2.6	2.5
	SHGC	0.64	0.58	0.42	0.33	0.51	0.31	0.28	0.27	0.56	0.32	0.24	0.41	0.29	0.38	0.28
	TVW	0.71	0.68	0.33	0.22	0.55	0.26	0.40	0.31	0.65	0.43	0.33	0.60	0.37	0.47	0.38
	UW	3.8	3.7	3.8	3.7	3.2	3.2	3.2	3.2	3.2	3.0	3.0	2.8	2.8	3.2	3.1
	SHGC	0.60	0.54	0.39	0.31	0.47	0.29	0.26	0.25	0.52	0.30	0.23	0.38	0.28	0.36	0.27
	TVW	0.65	0.63	0.31	0.20	0.51	0.24	0.37	0.29	0.60	0.40	0.30	0.55	0.34	0.43	0.35
	UW	3.5	3.4	3.5	3.4	2.9	2.9	2.9	2.9	2.8	2.7	2.6	2.4	2.4	2.8	2.8
	SHGC	0.63	0.57	0.41	0.32	0.50	0.30	0.27	0.26	0.55	0.32	0.24	0.40	0.29	0.38	0.28
	TVW	0.69	0.66	0.32	0.22	0.54	0.25	0.39	0.31	0.63	0.42	0.32	0.58	0.36	0.45	0.37
	UW	3.7	3.7	3.7	3.7	3.2	3.2	3.2	3.2	3.1	2.9	2.9	2.7	2.7	3.1	3.1
	SHGC	0.61	0.55	0.40	0.31	0.49	0.30	0.26	0.26	0.53	0.31	0.23	0.39	0.28	0.37	0.27
	TVW	0.67	0.64	0.31	0.21	0.52	0.25	0.38	0.30	0.62	0.41	0.31	0.56	0.35	0.44	0.36

AFRC Lab Fenestration Performance Report

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PRESS METAL
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www.pressmetal.com.au

THERMAL CHARTS

2008 SERIES

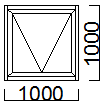
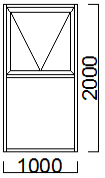
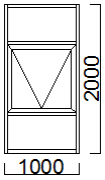
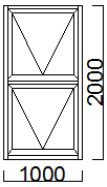
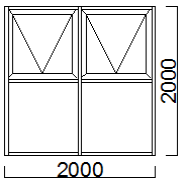
101.6 x 50mm

Centre Pocket Frame

35mm Top Hung Sash

Double Glazing

GLASS SELECTION CHART

		6mm Clear 12mm Air 6mm Clear	10mm Clear 12mm Air 6mm Clear	6mm Grey 12mm Air 6mm Clear	10mm Grey 12mm Air 6mm Clear	6mm Evangage Clear 12mm Air 6mm Clear	6mm Evantage Grey 12mm Air 6mm Clear	6mm Evantage S/Green 12mm Air 6mm Clear	6mm Evantage S/Blue 12mm Air 6mm Clear	6mm Energy Tech Clear 12mm Air 6mm Clear	6mm SolTech (#2) Neutral 12mm Air 6mm Clear PerformatechE	6mm SolTech Grey 12mm Air 6mm Clear PerformatechE	8.76mm Clear Laminated 12mm Argon 6mm Clear Performance	8.76mm Grey Laminated 12mm Argon 6mm Clear Performance	8.38mm Comfort+ Neutral 59 12mm Argon 6mm Clear	8.38mm Comfort+ Blue 44 12mm Argon 6mm Clear
	UW	4.7	4.7	4.7	4.7	4.3	4.3	4.3	4.3	4.2	4.1	4.1	3.9	3.9	4.2	4.2
	SHGC	0.49	0.48	0.23	0.16	0.39	0.18	0.28	0.22	0.46	0.30	0.23	0.42	0.26	0.33	0.27
	TVW	0.48	0.44	0.32	0.26	0.39	0.25	0.22	0.22	0.42	0.26	0.20	0.32	0.24	0.30	0.23
	UW	4.2	4.2	4.2	4.2	3.7	3.7	3.7	3.7	3.7	3.5	3.5	3.3	3.3	3.7	3.7
	SHGC	0.58	0.56	0.27	0.18	0.45	0.21	0.33	0.26	0.53	0.36	0.27	0.49	0.30	0.38	0.31
	TVW	0.54	0.49	0.36	0.29	0.43	0.27	0.24	0.24	0.48	0.28	0.21	0.35	0.26	0.33	0.25
	UW	4.4	4.4	4.4	4.4	4.0	4.0	4.0	4.0	3.9	3.8	3.7	3.6	3.6	3.9	3.9
	SHGC	0.56	0.54	0.26	0.17	0.44	0.20	0.31	0.25	0.51	0.34	0.26	0.47	0.29	0.37	0.30
	TVW	0.53	0.48	0.35	0.28	0.42	0.27	0.24	0.23	0.46	0.28	0.21	0.34	0.25	0.32	0.24
	UW	4.6	4.6	4.6	4.6	4.2	4.2	4.2	4.2	4.1	4.0	4.0	3.8	3.8	4.2	4.1
	SHGC	0.51	0.49	0.24	0.16	0.40	0.19	0.29	0.23	0.47	0.31	0.24	0.43	0.27	0.34	0.27
	TVW	0.49	0.45	0.33	0.27	0.40	0.25	0.23	0.22	0.43	0.26	0.20	0.32	0.24	0.31	0.23
	UW	4.2	4.1	4.2	4.1	3.7	3.7	3.7	3.7	3.6	3.5	3.4	3.2	3.2	3.6	3.6
	SHGC	0.59	0.57	0.28	0.19	0.47	0.22	0.34	0.27	0.55	0.37	0.28	0.50	0.31	0.39	0.32
	TVW	0.56	0.50	0.37	0.29	0.44	0.28	0.25	0.24	0.49	0.29	0.22	0.36	0.26	0.34	0.25

AFRC Lab Fenestration Performance Report

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PRESS METAL
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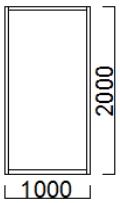
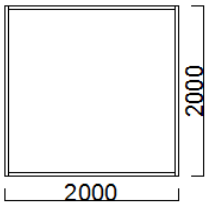
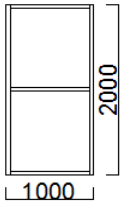
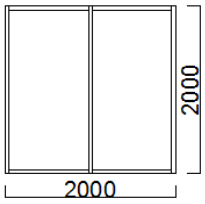
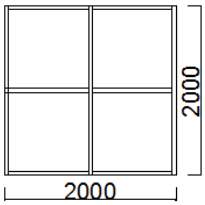
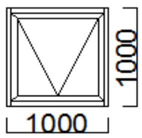
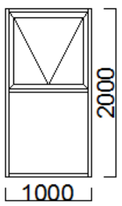
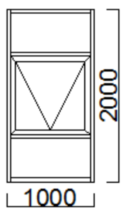
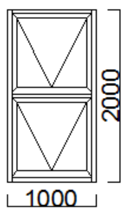
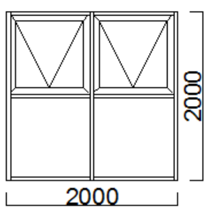
GUIDE TO ACOUSTIC VALUES

2001 SERIES
67 x 45mm
FRONT POCKET
SINGLE & DOUBLE
GLAZED FIXED LITE
FRAMING

		GLASS TYPES / THICKNESS																													
		6.00mm Float / Toughened	6.38mm Laminated	6.50mm Laminated (Hush)	8.00mm Float / Toughened	8.38mm laminated	10.00mm Float / Toughened	10.38mm laminated	10.50mm laminated (Hush)	12.00mm Float / Toughened	12.38mm Laminated	12.50mm Laminated (Hush)	16mm DGU (4mm / 8 Air / 4mm)	18.00mm DGU (4mm / 10 Air / 4mm)	18.00mm DGU (5mm / 8 Air / 5mm)	18.38mm DGU (6.38mm / 8 Air / 4mm)	18.76mm DGU (6.38mm / 6 Air / 6.38mm)											
	RW	30	31	34	32	32	34	34	37	35	35	38	29	29	31	31	32											
	RW	30	31	34	32	32	34	34	37	35	35	38	29	29	31	31	32											
	RW	30	31	34	32	32	34	34	37	35	35	38	29	29	31	31	32											
	RW	30	31	34	32	32	34	34	37	35	35	38	29	29	31	31	32											
	RW	30	31	34	32	32	34	34	37	35	35	38	29	29	31	31	32											

2001 SERIES

GUIDE TO ACOUSTIC VALUES

2001 SERIES 67 x 45mm FRONT POCKET SINGLE & DOUBLE GLAZED AWNING SASH		GLASS TYPES / THICKNESS															
		6.00mm Float / Toughened	6.38mm Laminated	6.50mm Laminated (Hush)	8.00mm Float / Toughened	8.38mm laminated	10.00mm Float / Toughened	10.38mm laminated	10.50mm laminated (Hush)	12.00mm Float / Toughened	12.38mm Laminated	12.50mm Laminated (Hush)	16mm DGU (4mm / 8 Air / 4mm)	18.00mm DGU (4mm / 10 Air / 4mm)	18.00mm DGU (5mm / 8 Air / 5mm)	18.38mm DGU (6.38mm / 8 Air / 4mm)	18.76mm DGU (6.38mm / 6 Air / 6.38mm)
	RW	30	31	34	32	32	34	34	37	35	35	38	29	29	31	31	32
	RW	30	31	34	32	32	34	34	37	35	35	38	29	29	31	31	32
	RW	30	31	34	32	32	34	34	37	35	35	38	29	29	31	31	32
	RW	29	30	33	31	31	33	33	36	34	34	37	28	28	30	30	31
	RW	29	30	33	31	31	33	33	36	34	34	37	28	28	30	30	31

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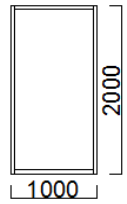
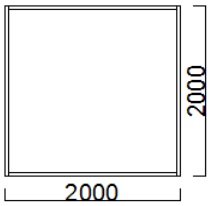
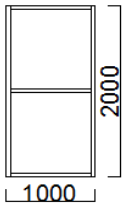
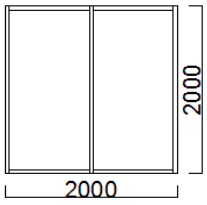
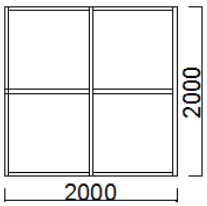
GUIDE TO ACOUSTIC VALUES

2002 SERIES
100 x 45mm
CENTRE POCKET
SINGLE GLAZED
FIXED LITE
FRAMING

		GLASS TYPES / THICKNESS																													
		6.00mm Float / Toughened	6.38mm Laminated	6.50mm Laminated (Hush)	8.00mm Float / Toughened	8.38mm laminated	10.00mm Float / Toughened	10.38mm laminated	10.50mm laminated (Hush)	12.00mm Float / Toughened	12.38mm Laminated	12.50mm Laminated (Hush)																			
	RW	29	30	33	31	31	33	33	36	34	34	37																			
	RW	29	30	33	31	31	33	33	36	34	34	37																			
	RW	29	30	33	31	31	33	33	36	34	34	37																			
	RW	29	30	33	31	31	33	33	36	34	34	37																			
	RW	29	30	33	31	31	33	33	36	34	34	37																			

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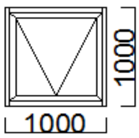
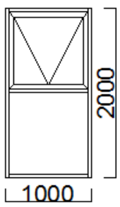
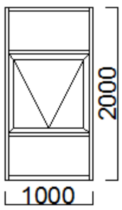
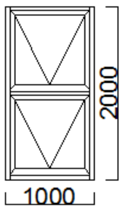
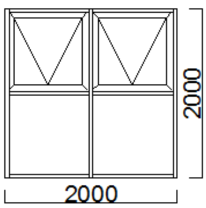
GUIDE TO ACOUSTIC VALUES

AFRC LAB
ADVANCED FENESTRATION RESEARCH AND CERTIFICATION

2002 SERIES 100 x 45mm CENTRE POCKET SINGLE GLAZED AWNING SASH

		GLASS TYPES / THICKNESS										
		6.00mm Float / Toughened	6.38mm Laminated	6.50mm Laminated (Hush)	8.00mm Float / Toughened	8.38mm laminated	10.00mm Float / Toughened	10.38mm laminated	10.50mm laminated (Hush)	12.00mm Float / Toughened	12.38mm Laminated	12.50mm Laminated (Hush)
	RW	30	31	34	32	32	34	34	37	35	35	38
	RW	30	31	34	32	32	34	34	37	35	35	38
	RW	30	31	34	32	32	34	34	37	35	35	38
	RW	29	30	33	31	31	33	33	36	34	34	37
	RW	29	30	33	31	31	33	33	36	34	34	37

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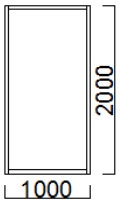
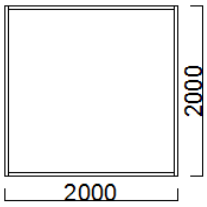
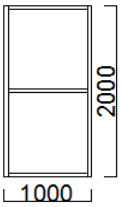
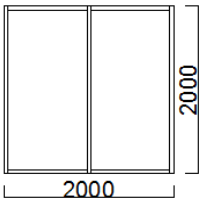
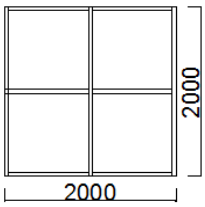
2003 SERIES
100 x 45mm
CENTRE POCKET
DOUBLE GLAZED
FIXED LITE
FRAMING

		GLASS TYPES / THICKNESS																												
		16mm DGU (4mm / 8 Air / 4mm)	18.00mm DGU (4mm / 10 Air / 4mm)	18.00mm DGU (5mm / 8 Air / 5mm)	18.38mm DGU (6.38mm / 8 Air / 4mm)	18.76mm DGU (6.38mm / 6 Air / 6.38mm)	20.00mm DGU (6mm / 8 Air / 6mm)	22.00mm DGU (6mm / 10 Air / 6mm)	22.76mm DGU (6.38mm / 10 Air / 6.38mm)	24.00mm DGU (6mm / 12 Air / 6mm)	24.76mm DGU (6.38mm / 12 Air / 6.38mm)	26mm DGU (8mm / 10 Air / 8mm)	26.76mm DGU (8.38 / 10 Air / 8.38mm)	28.00mm DGU (8mm / 12 Air / 8mm)	28.76mm DGU (8.38 / 12 Air / 8.38mm)														
	RW	29	29	31	31	32	30	31	34	32	34	33	37	33	35															
	RW	29	29	31	31	32	30	31	34	32	34	33	37	33	35															
	RW	29	29	31	31	32	30	31	34	32	34	33	37	33	35															
	RW	29	29	31	31	32	30	31	34	32	34	33	37	33	35															
	RW	29	29	31	31	32	30	31	34	32	34	33	37	33	35															

2003 SERIES

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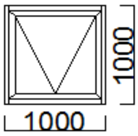
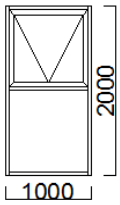
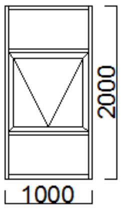
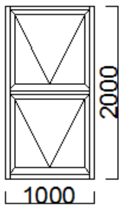
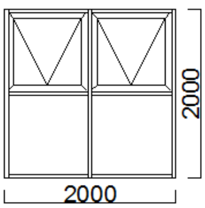
GUIDE TO ACOUSTIC VALUES

2003 SERIES 100 x 45mm CENTRE POCKET DOUBLE GLAZED AWNING SASH

GLASS TYPES / THICKNESS

		16mm DGU (4mm / 8 Air / 4mm)	18.00mm DGU (4mm / 10 Air / 4mm)	18.00mm DGU (5mm / 8 Air / 5mm)	18.38mm DGU (6.38mm / 8 Air / 4mm)	18.76mm DGU (6.38mm / 6 Air / 6.38mm)	20.00mm DGU (6mm / 8 Air / 6mm)	22.00mm DGU (6mm / 10 Air / 6mm)	22.76mm DGU (6.38mm / 10 Air / 6.38mm)	24.00mm DGU (6mm / 12 Air / 6mm)	24.76mm DGU (6.38mm / 12 Air / 6.38mm)	26mm DGU (8mm / 10 Air / 8mm)	26.76mm DGU (8.38 / 10 Air / 8.38mm)	28.00mm DGU (8mm / 12 Air / 8mm)	28.76mm DGU (8.38 / 12 Air / 8.38mm)
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34
	RW	27	27	29	29	30	28	29	32	30	32	31	35	31	33
	RW	27	27	29	29	30	28	29	32	30	32	31	35	31	33

2003 SERIES

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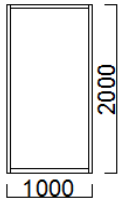
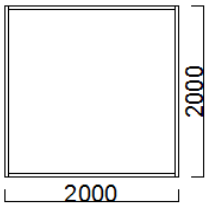
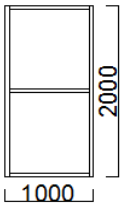
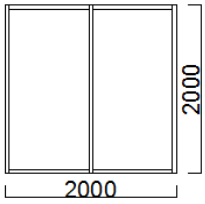
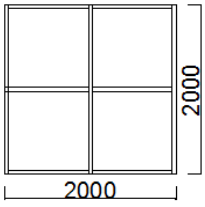
GUIDE TO ACOUSTIC VALUES

2005 SERIES
100 x 45mm
FRONT POCKET
SINGLE GLAZED
FIXED LITE
FRAMING

		GLASS TYPES / THICKNESS																												
		6.00mm Float / Toughened	6.38mm Laminated	6.50mm Laminated (Hush)	8.00mm Float / Toughened	8.38mm laminated	10.00mm Float / Toughened	10.38mm laminated	10.50mm laminated (Hush)	12.00mm Float / Toughened	12.38mm Laminated	12.50mm Laminated (Hush)																		
	RW	29	30	33	31	31	33	33	36	34	34	37																		
	RW	29	30	33	31	31	33	33	36	34	34	37																		
	RW	29	30	33	31	31	33	33	36	34	34	37																		
	RW	29	30	33	31	31	33	33	36	34	34	37																		
	RW	29	30	33	31	31	33	33	36	34	34	37																		

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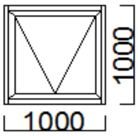
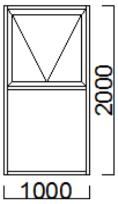
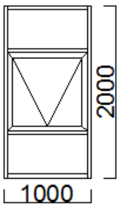
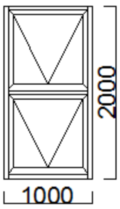
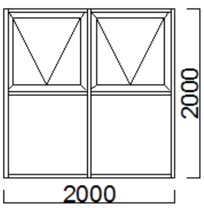
GUIDE TO ACOUSTIC VALUES

2005 SERIES 100 X 45mm FRONT POCKET SINGLE GLAZED AWNING SASH

GLASS TYPES / THICKNESS

Window		6.00mm Float / Toughened	6.38mm Laminated	6.50mm Laminated (Hush)	8.00mm Float / Toughened	8.38mm laminated	10.00mm Float / Toughened	10.38mm laminated	10.50mm laminated (Hush)	12.00mm Float / Toughened	12.38mm Laminated	12.50mm Laminated (Hush)			
	RW	30	30	32	32	33	31	32	35	33	35	34	38	34	36
	RW	30	30	32	32	33	31	32	35	33	35	34	38	34	36
	RW	30	30	32	32	33	31	32	35	33	35	34	38	34	36
	RW	29	29	31	31	32	30	31	34	32	34	33	37	33	35
	RW	29	29	31	31	32	30	31	34	32	34	33	37	33	35

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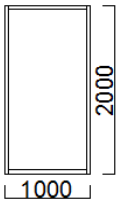
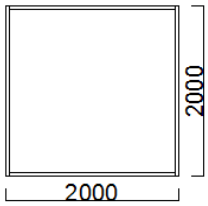
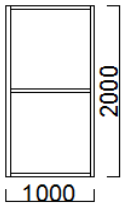
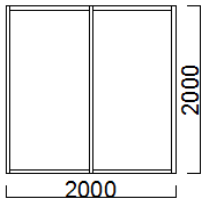
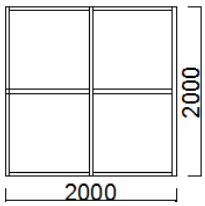
GUIDE TO ACOUSTIC VALUES

2006 SERIES 150 X 50mm FRONT POCKET SINGLE GLAZED FIXED LITE FRAMING

		GLASS TYPES / THICKNESS																													
		6.00mm Float / Toughened	6.38mm Laminated	6.50mm Laminated (Hush)	8.00mm Float / Toughened	8.38mm laminated	10.00mm Float / Toughened	10.38mm laminated	10.50mm laminated (Hush)	12.00mm Float / Toughened	12.38mm Laminated	12.50mm Laminated (Hush)																			
	RW	31	32	35	33	33	35	35	38	36	36	39																			
	RW	31	32	35	33	33	35	35	38	36	36	39																			
	RW	31	32	35	33	33	35	35	38	36	36	39																			
	RW	31	32	35	33	33	35	35	38	36	36	39																			
	RW	31	32	35	33	33	35	35	38	36	36	39																			

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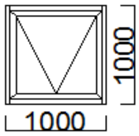
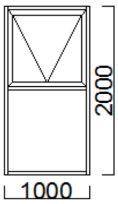
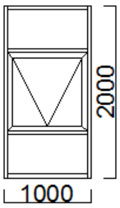
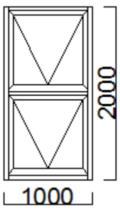
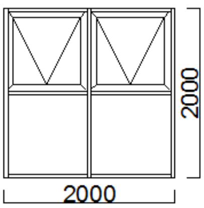
GUIDE TO ACOUSTIC VALUES

2006 SERIES 150 X 50mm FRONT POCKET SINGLE GLAZED AWNING SASH

GLASS TYPES / THICKNESS

		6.00mm Float / Toughened	6.38mm Laminated	6.50mm Laminated (Hush)	8.00mm Float / Toughened	8.38mm laminated	10.00mm Float / Toughened	10.38mm laminated	10.50mm laminated (Hush)	12.00mm Float / Toughened	12.38mm Laminated	12.50mm Laminated (Hush)			
	RW	30	30	32	32	33	31	32	35	33	35	34	38	34	36
	RW	30	30	32	32	33	31	32	35	33	35	34	38	34	36
	RW	30	30	32	32	33	31	32	35	33	35	34	38	34	36
	RW	29	29	31	31	32	30	31	34	32	34	33	37	33	35
	RW	29	29	31	31	32	30	31	34	32	34	33	37	33	35

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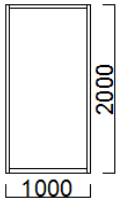
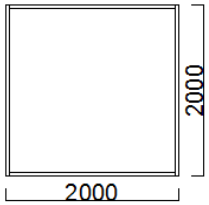
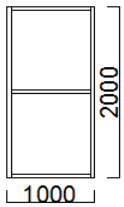
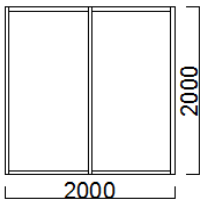
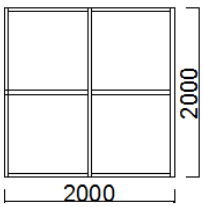
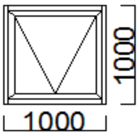
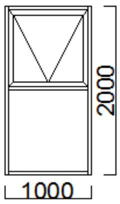
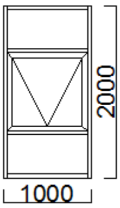
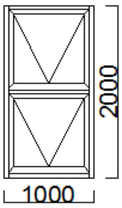
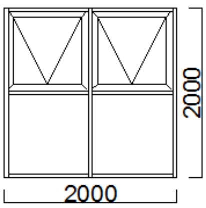
GUIDE TO ACOUSTIC VALUES

2007 SERIES
101.6 X 44.4mm
CENTRE POCKET
SINGLE GLAZED
FIXED LITE
FRAMING

		GLASS TYPES / THICKNESS																												
		6.00mm Float / Toughened	6.38mm Laminated	6.50mm Laminated (Hush)	8.00mm Float / Toughened	8.38mm laminated	10.00mm Float / Toughened	10.38mm laminated	10.50mm laminated (Hush)	12.00mm Float / Toughened	12.38mm Laminated	12.50mm Laminated (Hush)																		
	RW	29	30	33	31	31	33	33	36	34	34	37																		
	RW	29	30	33	31	31	33	33	36	34	34	37																		
	RW	29	30	33	31	31	33	33	36	34	34	37																		
	RW	29	30	33	31	31	33	33	36	34	34	37																		
	RW	29	30	33	31	31	33	33	36	34	34	37																		

GUIDE TO ACOUSTIC VALUES

2007 SERIES SINGLE GLAZED AWNING SASH		GLASS TYPES / THICKNESS																									
		6.00mm Float / Toughened	6.38mm Laminated	6.50mm Laminated (Hush)	8.00mm Float / Toughened	8.38mm laminated	10.00mm Float / Toughened	10.38mm laminated	10.50mm laminated (Hush)	12.00mm Float / Toughened	12.38mm Laminated	12.50mm Laminated (Hush)															
	RW																										
	RW																										
	RW																										
	RW																										
	RW																										

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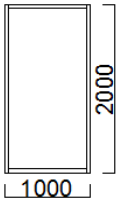
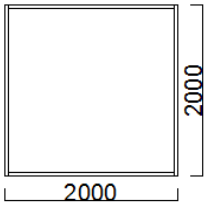
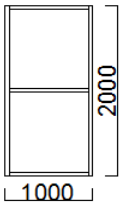
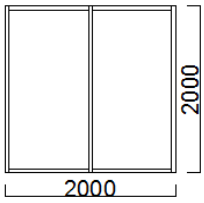
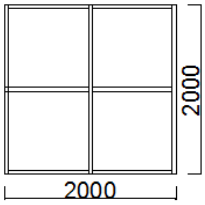
GUIDE TO ACOUSTIC VALUES

2008 SERIES 101.6 X 50mm CENTRE POCKET DOUBLE GLAZED FIXED LITE FRAMING

		GLASS TYPES / THICKNESS																											
		16mm DGU (4mm / 8 Air / 4mm)	18.00mm DGU (4mm / 10 Air / 4mm)	18.00mm DGU (5mm / 8 Air / 5mm)	18.38mm DGU (6.38mm / 8 Air / 4mm)	18.76mm DGU (6.38mm / 6 Air / 6.38mm)	20.00mm DGU (6mm / 8 Air / 6mm)	22.00mm DGU (6mm / 10 Air / 6mm)	22.76mm DGU (6.38mm / 10 Air / 6.38mm)	24.00mm DGU (6mm / 12 Air / 6mm)	24.76mm DGU (6.38mm / 12 Air / 6.38mm)	26mm DGU (8mm / 10 Air / 8mm)	26.76mm DGU (8.38 / 10 Air / 8.38mm)	28.00mm DGU (8mm / 12 Air / 8mm)	28.76mm DGU (8.38 / 12 Air / 8.38mm)													
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34														
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34														
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34														
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34														
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34														

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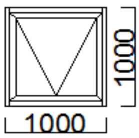
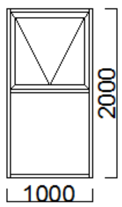
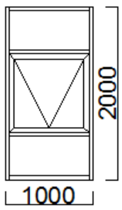
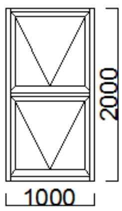
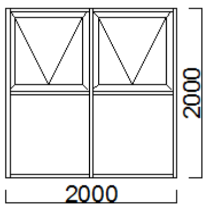
2008 SERIES 101.6 X 50mm CENTRE POCKET DOUBLE GLAZED AWNING SASH

GLASS TYPES / THICKNESS

		16mm DGU (4mm / 8 Air / 4mm)	18.00mm DGU (4mm / 10 Air / 4mm)	18.00mm DGU (5mm / 8 Air / 5mm)	18.38mm DGU (6.38mm / 8 Air / 4mm)	18.76mm DGU (6.38mm / 6 Air / 6.38mm)	20.00mm DGU (6mm / 8 Air / 6mm)	22.00mm DGU (6mm / 10 Air / 6mm)	22.76mm DGU (6.38mm / 10 Air / 6.38mm)	24.00mm DGU (6mm / 12 Air / 6mm)	24.76mm DGU (6.38mm / 12 Air / 6.38mm)	26mm DGU (8mm / 10 Air / 8mm)	26.76mm DGU (8.38 / 10 Air / 8.38mm)	28.00mm DGU (8mm / 12 Air / 8mm)	28.76mm DGU (8.38 / 12 Air / 8.38mm)
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34
	RW	28	28	30	30	31	29	30	33	31	33	32	36	32	34
	RW	27	27	29	29	30	28	29	32	30	32	31	35	31	33
	RW	27	27	29	29	30	28	29	32	30	32	31	35	31	33

NOTES: