

ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

TORRENS DOUBLE BEAD DOOR

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Issued to:

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ALSPEC contact:

Date:

Manual reference number: TORR

ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

TORRENS DOUBLE BEAD DOOR

CONTENTS

1.0 TECHNICAL MANUAL RELEASE NOTES

2.0 TECHNICAL DATA

2.1 Specification

3.0 TECHNICAL DETAILS

3.1 EXTRUSIONS

- 3.1.1 Extrusion profiles
- 3.1.2 Extrusion profiles
- 3.1.3 Extrusion profiles
- 3.1.4 Extrusion profiles
- 3.1.5 Extrusion profiles
- 3.1.6 Extrusion profiles
- 3.1.7 Extrusion profiles
- 3.1.8 Extrusion profiles
- 3.1.9 Extrusion profiles
- 3.1.10 Extrusion profiles
- 3.1.11 Extrusion profiles

3.2 HARDWARE

- 3.2.1 Glazing wedges
- 3.2.2 Glazing wedges and accessories
- 3.2.3 Accessories
- 3.2.4 Accessories
- 3.2.5 Hardware
- 3.2.6 Hardware
- 3.2.7 Hardware
- 3.2.8 Hardware

3.3 ELEVATIONS

- 3.3.1 Typical elevations
- 3.3.2 Typical elevations

3.4 GENERAL ARRANGEMENT DRAWINGS

- 3.4.1 Hinged top and bottom door rail details with midrail
- 3.4.2 Hinged jamb and meeting stile door details
- 3.4.3 Pivot top and bottom rail, and stile door details
- 3.4.4 Bottom roller sliding top and bottom door rail details
- 3.4.5 Top hung sliding top and bottom door rail details
- 3.4.6 Sliding door stile details
- 3.4.7 Alternate midrail details
- 3.4.8 Alternate midrail details
- 3.4.9 Double glazed top, bottom rail and stile door details

TORRENS

ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

TORRENS DOUBLE BEAD DOOR

CONTENTS Cont.

3.6 MANUFACTURING DRAWINGS

- 3.6.1 Frame preparation 1
- 3.6.2 Frame preparation 2
- 3.6.3 Frame preparation 3

3.7 GLAZING DETAILS

- 3.7.1 Single glazed details
- 3.7.2 Double glazed details

4.0 CARE AND MAINTENANCE

TORRENS

ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

TORRENS DOUBLE BEAD DOOR

Section 1.0

TECHNICAL MANUAL RELEASE NOTES

This page is intended to record all changes to the **TORRENS DOUBLE BEAD DOOR** technical manual pages. It is therefore critical that all changes are recorded in the below AMENDMENTS box prior to release to our customer.

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

It is important that a copy of this page be issued with the update and inserted as the first page in the customers technical manual.

DATE	AMENDMENT DESCRIPTION	REMOVE PAGE	INSERT NEW PAGE
01 / 09 / 2008	<i>Technical manual initial release</i>	~	~
01 / 02 / 2009	<i>Contents page updated</i>	~	~
01 / 02 / 2009	<i>Technical manual release notes updated</i>	1.0	1.0
01 / 02 / 2009	<i>New door stop extrusion added</i>	3.1.9	3.1.9
01 / 02 / 2009	<i>Seal selection chart updated</i>	3.1.11	3.1.11
01 / 02 / 2009	<i>Hardware sheet amended</i>	3.2.5	3.2.5
01 / 02 / 2009	<i>Hardware sheet re-numbered</i>	3.2.6	3.2.6
01 / 02 / 2009	<i>Hardware sheet amended & re-numbered</i>	3.2.7	3.2.7
01 / 02 / 2009	<i>Hardware sheet deleted</i>	3.2.8	~
01 / 02 / 2009	<i>Specification amended</i>	2.1	2.1

ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

TORRENS DOUBLE BEAD DOOR

Section 2.1

SPECIFICATION

ALUMINIUM

Aluminium frames should be manufactured using ALSPEC's Torrens 45mm Double Beaded Commercial door.

Torrens Double Beaded Commercial Door is available in single or double glazed options.

Hinged and Pivot Doors:

Maximum door panel height shall be 2700mm.

Maximum door panel width shall be 1000mm.

Sliding Doors:

Maximum door panel height shall be 2500mm.

Maximum door panel width shall be 2700mm.

Note: The above sizes are dependant on the Door Hardware specified being able to support the door panel weight.

HARDWARE

- Glazing wedges shall be ALSPEC's wedges for Torrens 45mm Double Beaded Commercial door to suit standard glazing options.
- All other hardware as per ALSPEC Technical Manual.

FINISHES

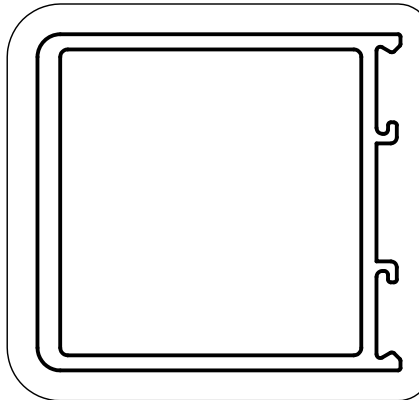
- All powder coated material shall be produced to AS3715.
- All anodizing material shall be produced to AS1231.

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

Fabricators of the Torrens 45mm Double Beaded Commercial door should seek certification by a consultant structural engineer as to the framing being acceptable for the design wind pressure and deflection characteristics required of the site.

EXTRUSION PROFILES

VISIBLE SURFACE

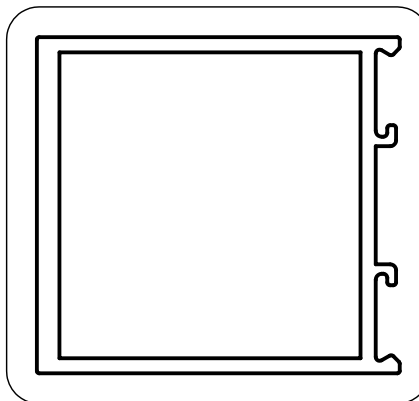


AD302
STILE

Mass. 1.083 Kg/m
Anod. Per. 203
Paint Per. 138

$I_{xx} = 113.37 \times 10^3 \text{ mm}^4$
 $I_{yy} = 131.82 \times 10^3 \text{ mm}^4$

VISIBLE SURFACE

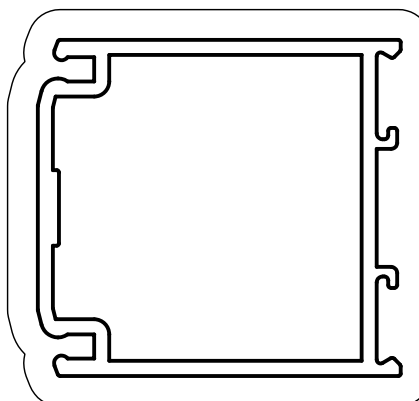


AD30
STILE

Mass. 1.07 Kg/m
Anod. Per. 205
Paint Per. 140

$I_{xx} = 114.81 \times 10^3 \text{ mm}^4$
 $I_{yy} = 133.21 \times 10^3 \text{ mm}^4$

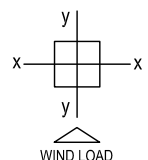
VISIBLE SURFACE



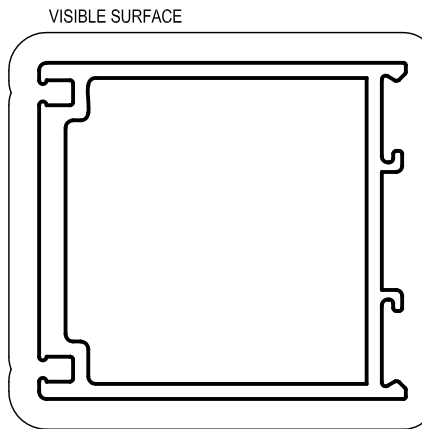
AD31
STILE

Mass. 1.04 Kg/m
Anod. Per. 224
Paint Per. 159

$I_{xx} = 113.42 \times 10^3 \text{ mm}^4$
 $I_{yy} = 121.22 \times 10^3 \text{ mm}^4$



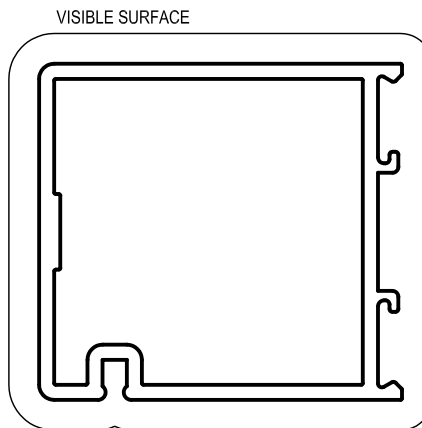
EXTRUSION PROFILES



**AD42
MULTI FOLD STILE**

Mass. 1.167 Kg/m
Anod. Per. 226
Paint Per. 167

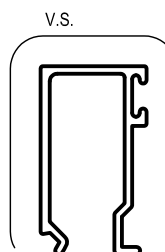
$I_{xx} = 119.37 \times 10^3 \text{ mm}^4$
 $I_{yy} = 142.22 \times 10^3 \text{ mm}^4$



**AD43
SLIDING STILE**

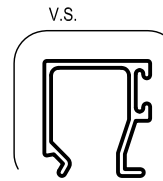
Mass. 1.054 Kg/m
Anod. Per. 215
Paint Per. 150

$I_{xx} = 113.61 \times 10^3 \text{ mm}^4$
 $I_{yy} = 122.95 \times 10^3 \text{ mm}^4$



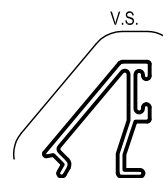
**AD37
TALL BEAD**

Mass. 0.203 Kg/m
Anod. Per. 139
Paint Per. 100



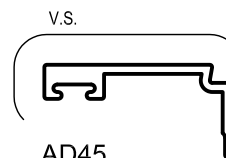
**AD34
BEAD**

Mass. 0.129 Kg/m
Anod. Per. 100
Paint Per. 100



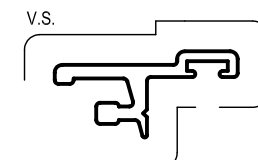
**AD46
BEVEL BEAD**

Mass. 0.116 Kg/m
Anod. Per. 100
Paint Per. 100



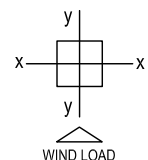
**AD45
DOUBLE GLAZED BEAD**

Mass. 0.164 Kg/m
Anod. Per. 100
Paint Per. 100

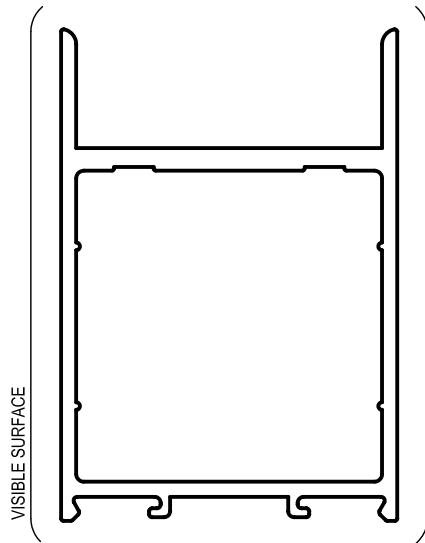


**AD29
MEETING STILE
ADAPTOR**

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



EXTRUSION PROFILES



AD32
TOP RAIL

Mass. 1.263 Kg/m
Anod. Per. 270
Paint Per. 130

$I_{xx} = 144.89 \times 10^3 \text{ mm}^4$
 $I_{yy} = 190.74 \times 10^3 \text{ mm}^4$

AD49
DEEP BOTTOM RAIL

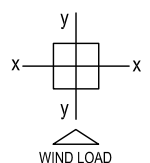
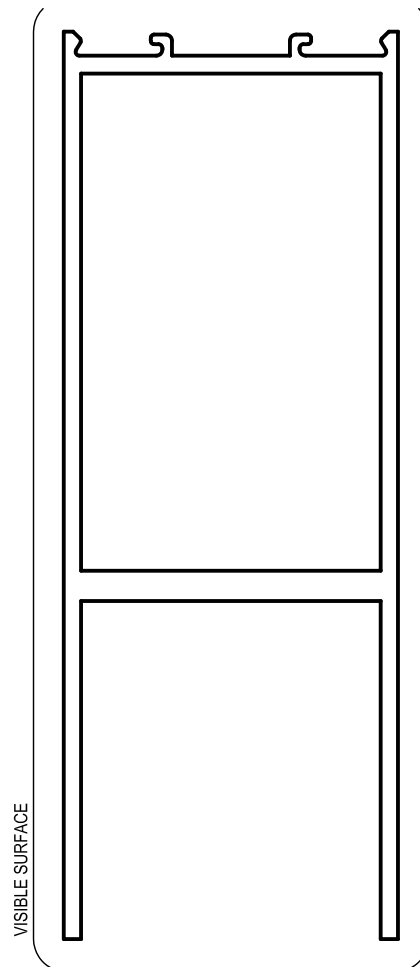
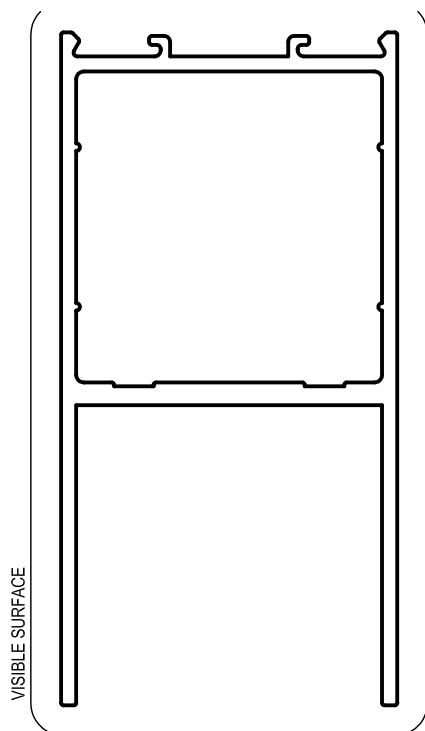
Mass. 2.216 Kg/m
Anod. Per. 439
Paint Per. 290

$I_{xx} = 274.27 \times 10^3 \text{ mm}^4$
 $I_{yy} = 988.82 \times 10^3 \text{ mm}^4$

AD33
BOTTOM RAIL

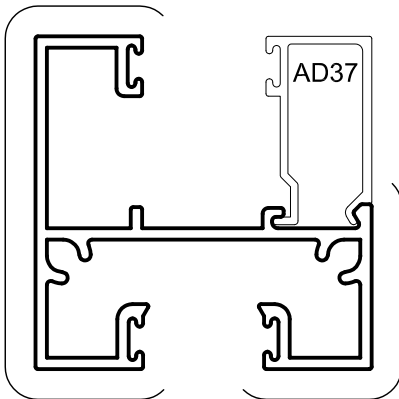
Mass. 1.526 Kg/m
Anod. Per. 367
Paint Per. 178

$I_{xx} = 188.84 \times 10^3 \text{ mm}^4$
 $I_{yy} = 367.76 \times 10^3 \text{ mm}^4$



EXTRUSION PROFILES

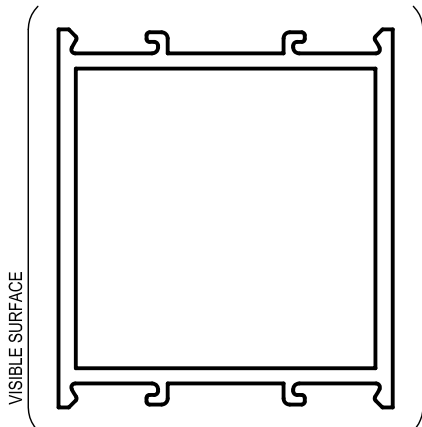
VISIBLE SURFACE



**AD36
MID RAIL**

Mass. 0.786 Kg/m
Anod. Per. 382
Paint Per. 108

$I_{xx} = 48.74 \times 10^3 \text{ mm}^4$
 $I_{yy} = 74.58 \times 10^3 \text{ mm}^4$



**AD50
MID RAIL**

Mass. 1.094 Kg/m
Anod. Per. 231
Paint Per. 100

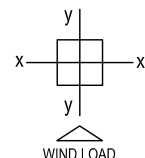
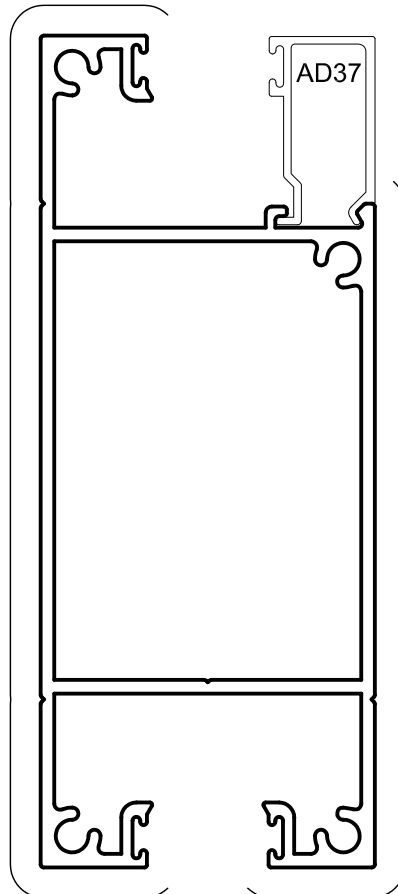
$I_{xx} = 121.40 \times 10^3 \text{ mm}^4$
 $I_{yy} = 126.15 \times 10^3 \text{ mm}^4$

**AD47
MID RAIL**

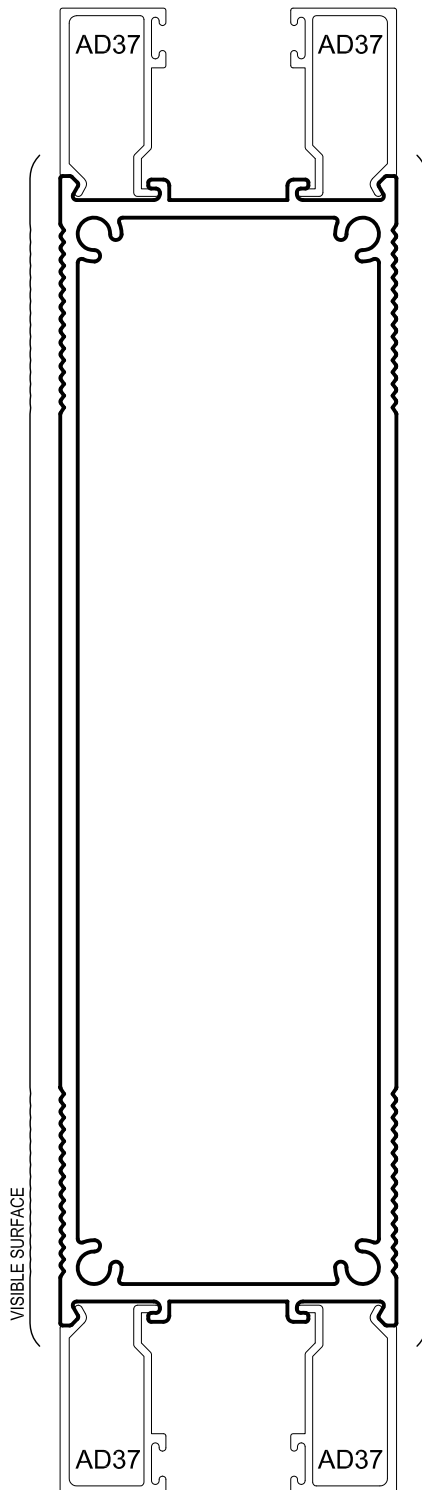
Mass. 1.816 Kg/m
Anod. Per. 526
Paint Per. 240

$I_{xx} = 213.88 \times 10^3 \text{ mm}^4$
 $I_{yy} = 845.79 \times 10^3 \text{ mm}^4$

VISIBLE SURFACE



EXTRUSION PROFILES



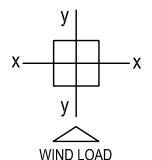
AD35
MID RAIL

Mass. 2.485 Kg/m

Anod. Per. 454

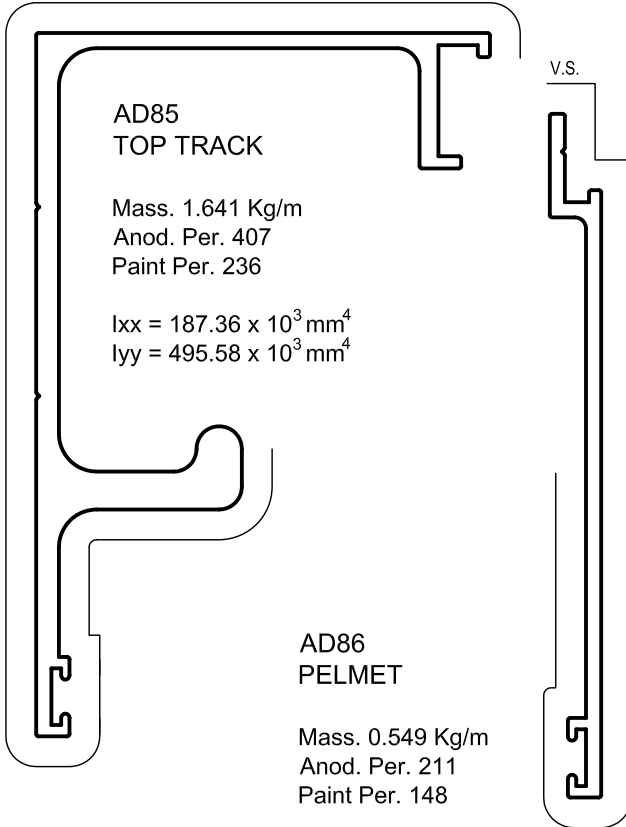
Paint Per. 306

$I_{xx} = 337.08 \times 10^3 \text{ mm}^4$
 $I_{yy} = 2506.02 \times 10^3 \text{ mm}^4$

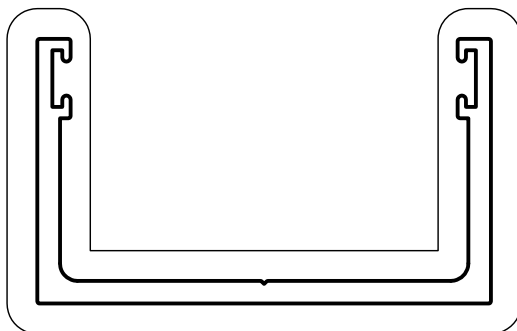
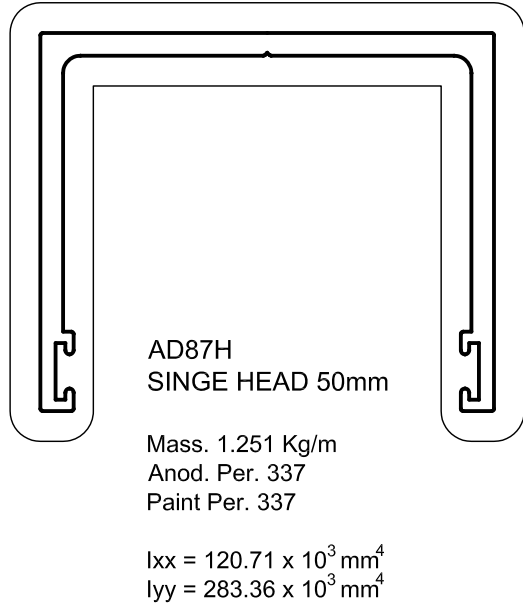


EXTRUSION PROFILES

VISIBLE SURFACE



VISIBLE SURFACE



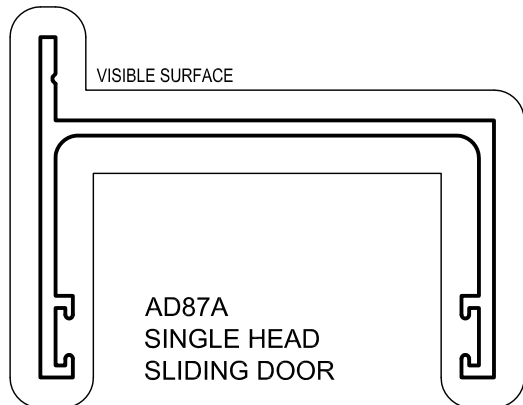
VISIBLE SURFACE

**AD87
BOTTOM GUIDE**

Mass. 1.008 Kg/m
Anod. Per. 277
Paint Per. 277

$I_{xx} = 44.98 \times 10^3 \text{ mm}^4$
 $I_{yy} = 210.19 \times 10^3 \text{ mm}^4$

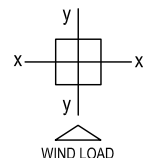
VISIBLE SURFACE



**AD87A
SINGLE HEAD
SLIDING DOOR**

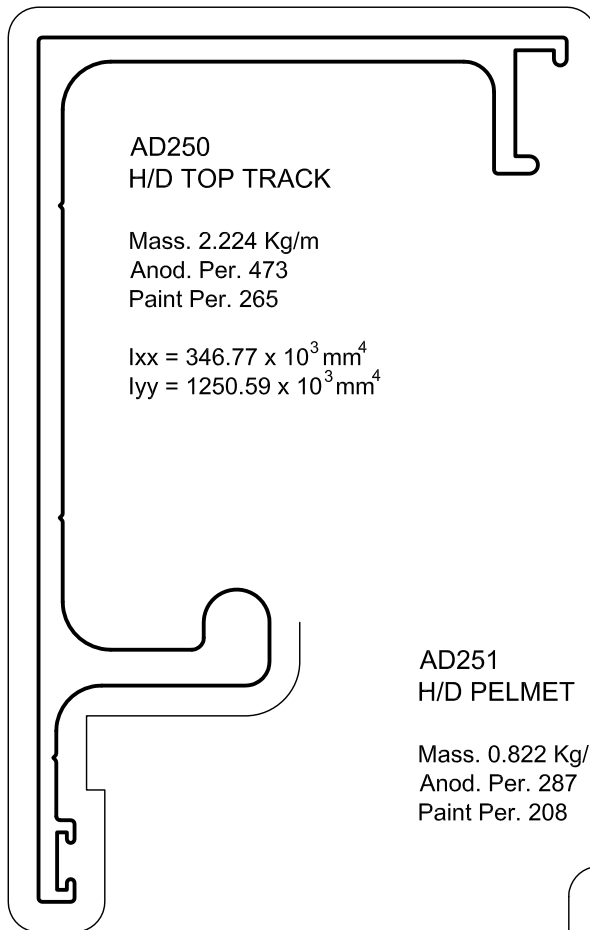
Mass. 0.792 Kg/m
Anod. Per. 300
Paint Per. 300

$I_{xx} = 41.74 \times 10^3 \text{ mm}^4$
 $I_{yy} = 177.83 \times 10^3 \text{ mm}^4$



EXTRUSION PROFILES

VISIBLE SURFACE

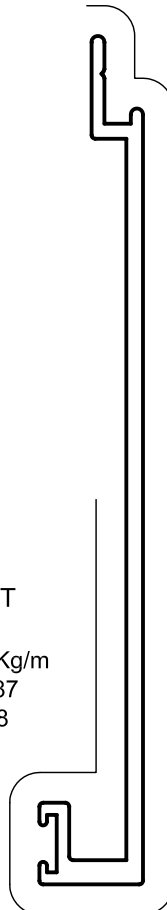


AD250
H/D TOP TRACK

Mass. 2.224 Kg/m
Anod. Per. 473
Paint Per. 265

$I_{xx} = 346.77 \times 10^3 \text{ mm}^4$
 $I_{yy} = 1250.59 \times 10^3 \text{ mm}^4$

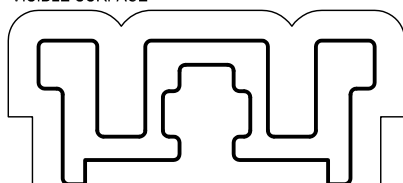
V.S.



AD251
H/D PELMET

Mass. 0.822 Kg/m
Anod. Per. 287
Paint Per. 208

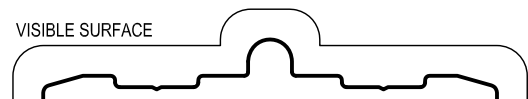
VISIBLE SURFACE



E10435
FLOOR TRACK

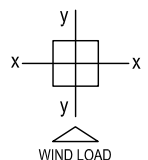
Mass. 1.047 Kg/m
Anod. Per. 208
Paint Per. 100

VISIBLE SURFACE

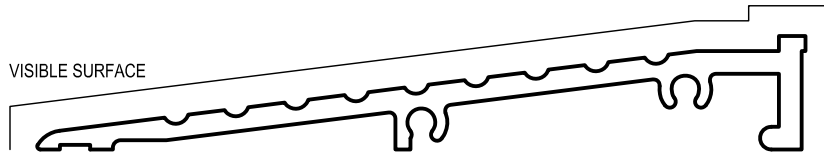


AD1022
FLOOR TRACK

Mass. 0.523 Kg/m
Anod. Per. 135
Paint Per. 100

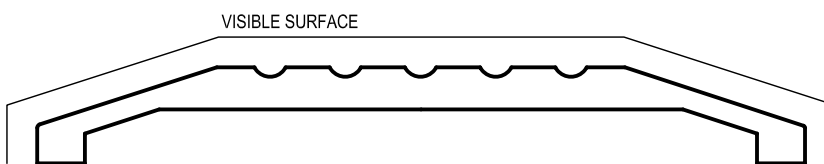


EXTRUSION PROFILES



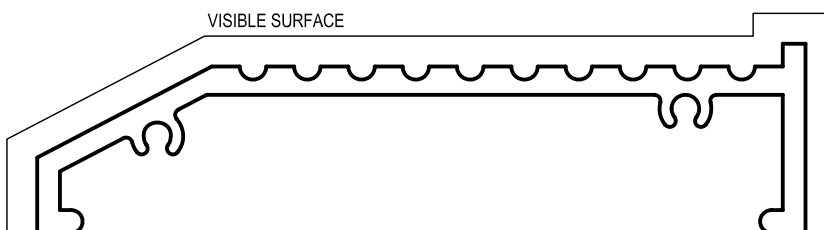
**AD008
DISABLED RAMP
THRESHOLD**

Mass. 0.953 Kg/m
Anod. Per. 276
Paint Per. 140



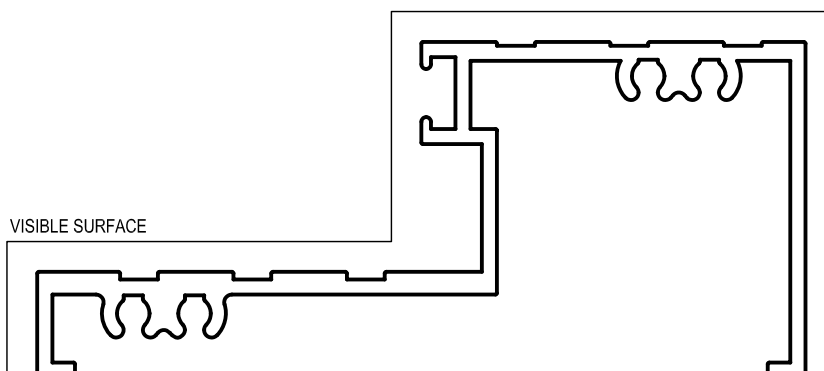
**AS1854
THRESHOLD**

Mass. 1.205 Kg/m
Anod. Per. 233
Paint Per. 127



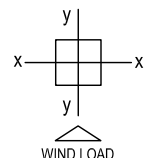
**AS1855
THRESHOLD**

Mass. 1.236 Kg/m
Anod. Per. 312
Paint Per. 165



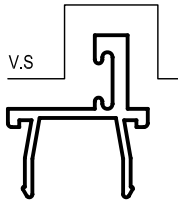
**AS2366
45mm THRESHOLD**

Mass. 1.542 Kg/m
Anod. Per. 496
Paint Per. 216



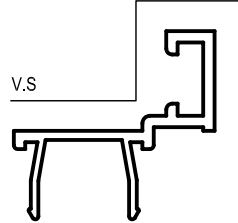
EXTRUSION PROFILES

Derwent 76mm Centre Glazed Framing



AS56
35mm DOOR STOP

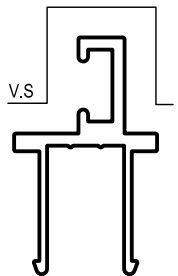
Mass. 0.205 Kg/m
Anod. Per. 113
Paint Per. 100



AS57
45mm DOOR STOP

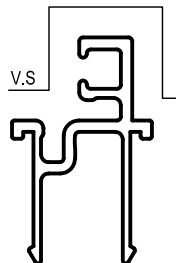
Mass. 0.250 Kg/m
Anod. Per. 143
Paint Per. 100

McArthur 101.6mm Centre Glazed Framing



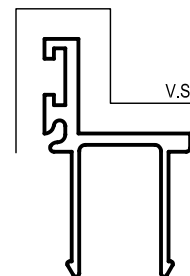
AS7
45mm DOOR
STOP

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



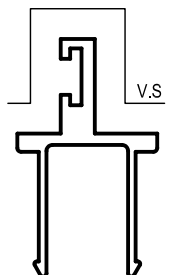
AD7
45mm ACOUSTIC
DOOR STOP

Mass. 0.294 Kg/m
Anod. Per. 166
Paint Per. 100



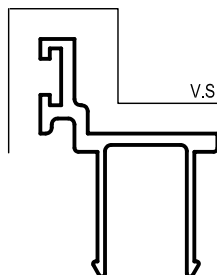
AS30
35mm DOOR STOP

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



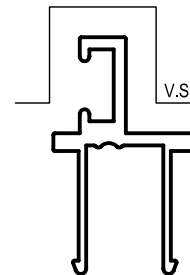
AS35
ALT. 40mm
DOOR STOP

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



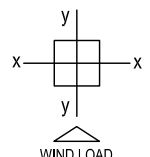
AS36
ALT. 35mm
DOOR STOP

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



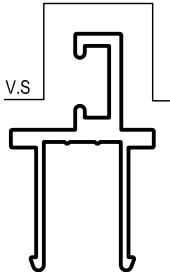
AS40
40mm
DOOR STOP

Mass. 0.294 Kg/m
Anod. Per. 149
Paint Per. 100



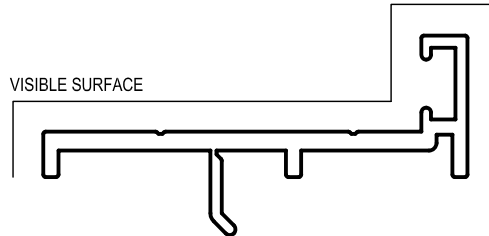
EXTRUSION PROFILES

Hunter 100mm/150mm Single & Double Flushglazed Framing



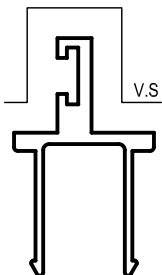
AS7
45mm DOOR STOP
FOR AS338 (100mm
Single Glaze Only)

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



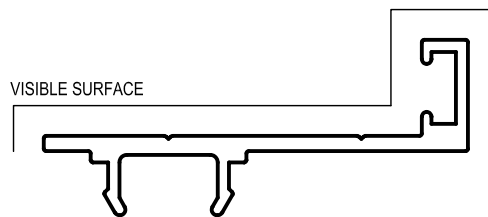
AS308
45mm DOOR ADAPTOR

Mass. 0.572 Kg/m
Anod. Per. 205
Paint Per. 100



AS35
40mm DOOR STOP
FOR AS338 (100mm
Single Glaze Only)

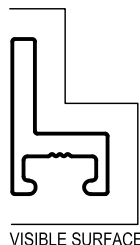
Mass. 0.292 Kg/m
Anod. Per. 145
Paint Per. 100



AS337
45mm DOOR ADAPTOR

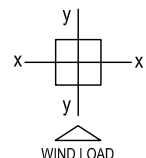
Mass. 0.518 Kg/m
Anod. Per. 188
Paint Per. 100

McArthur 150mm Centre Glazed Framing & 101.6mm / 150mm Hastings Framing



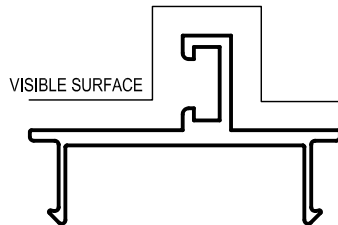
AS108
PLANT ON DOOR STOP

Mass. 0.258 Kg/m
Anod. Per. 100
Paint Per. 100



EXTRUSION PROFILES

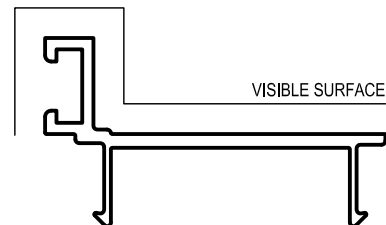
ecoFRAMEplus-400



SYN-19
DOOR STOP

Mass. 0.366 Kg/m
Anod. Per. 169
Paint Per. 100

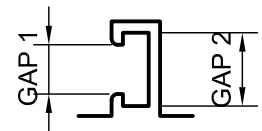
ecoFRAMEplus-600



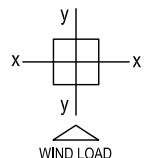
SYN-9
DOOR STOP

Mass. 0.353 Kg/m
Anod. Per. 130
Paint Per. 100

SEAL SELECTION CHART FOR DOOR STOPS



SECTION	DESCRIPTION	GAP 1	GAP 2	SCHLEGEL TO SUIT	SEAL TO SUIT
AS7	McARTHUR 101.6 / 45mm DOOR STOP	6.50	9.70	377901 (PS45)	376402 (DB1)
AD7	McARTHUR 101.6 / 45mm ACOUSTIC DR STOP	3.00	5.20	-	AQ21
AS30	McARTHUR 101.6 / 35mm DOOR STOP	4.75	7.50	377216 (PS5)	376405 (DB2)
AS35	McARTHUR 101.6 / ALT. 40mm DOOR STOP	4.75	7.50	-	376306 (F1424)
AS35	HUNTER FOR AS338 ONLY/ 40mm DOOR STOP	4.75	7.50	377216 (PS5)	376405 (DB2)
AS36	McARTHUR 101.6 / ALT. 35mm DOOR STOP	4.75	7.50	377216 (PS5)	376405 (DB2)
AS40	McARTHUR 101.6 / 40mm DOOR STOP	6.50	9.70	377901 (PS45)	376402 (DB1)
AS56	DERWENT 76mm / 35mm DOOR STOP	4.50	7.50	-	376402 (DB1)
AS57	DERWENT 76 mm / 45mm DOOR STOP	6.50	9.70	377901 (PS45)	376402 (DB1)
AS308	HUNTER 100/150 45mm DOOR ADAPTOR	6.35	9.50	-	376402 (DB1)
AS337	HUNTER 100/150 45mm DOOR ADAPTOR	6.35	9.50	-	376402 (DB1)
AS108	PLANT ON DOOR STOP	6.35	9.52	-	376402 (DB1)
SYN-19	ecoFRAMEplus-400 DOOR STOP	6.50	9.70	377901 (PS45)	376402 (DB1)
SYN-9	ecoFRAMEplus-600 DOOR STOP	6.50	9.70	377901 (PS45)	376402 (DB1)



GLAZING WEDGES

GR4 4 / 5mm Glazing Wedge



PVC	SANTOPRENE
Part # 376021	Part # 376023
Colour: Black	
Qty: 100 Metre Roll	

GR3 5 / 6 / 8mm Glazing Wedge



Part # 376015
Colour: Black
Qty: 100 Metre Roll

GR2 8 / 10mm Glazing Wedge



Part # 376012
Colour: Black
Qty: 100 Metre Roll

GR15 10mm Captive Wedge



Part # 376076
Colour: Black
Qty: 100 Metre Roll

GR16 6mm Captive Wedge



Part # 376081
Colour: Black
Qty: 100 Metre Roll

PE8566 - 6mm Santoprene Wedge



Part # 376251
Colour: Black
Qty: 100 Metre Roll

GLAZING WEDGES AND ACCESSORIES

SF1003 - 10mm Santoprene Wedge



Part # 376254
Colour: Black
Qty: 100 Metre Roll

GR2 24 / 26mm Glazing Wedge



Part # 376012
Colour: Black
Qty: 100 Metre Roll

GR3 18 / 26mm Glazing Wedge



Part # 376015
Colour: Black
Qty: 100 Metre Roll

GR26 16 / 18mm Glazing Wedge



Part # 376123
Colour: Black
Qty: 150 Metre Roll

CE17 16mm Glazing Wedge



Part # 376350
Colour: Black
Qty: 75 Metre Roll

AQ21 Kerf Aquamac Acoustic Door Seal



Part #	Colour:	Quantity:
377601	Pearl White	Metre
377602	Black	250 Metre Roll
377603	Brown	Metre
377604	Bronze	Metre
377606 (AQ21B)	Black	250 Metre Roll

ACCESSORIES

PS10 Door Weather Seal



PS5 (PS29) Door Weather Seal



Part # 37708434	Part # 37708436
Colour : Black	Colour : Grey
Qty : 100 Metre Roll	Qty : 100 Metre Roll

Part # 377216
Colour : Black
Qty : 600 Metre Roll

PS45 Pile Seal to suit AS7 & AS57



6mm Pile Seal (PB69-600-4P)



Part # 37790134	Part # 37790136
Colour : Black	Colour : Grey
Qty : 150 Metre Roll	Qty : 150 Metre Roll

Part # 377065
Colour : Black
Qty : 400 Metre Roll

ACCESSORIES

PS1 1 Door Seal Pile



PS13 Door Seal Pile



Part # 37740834
Colour : Black
Qty : 100 Metre Roll

Part # 37741434
Colour : Black
Qty : 100 Metre Roll

Part # 37740734	Part # 37740736
Colour : Black	Colour : Grey
Qty : 600 Metre Roll	Qty : 600 Metre Roll

Part # 37741034	Part # 37741036
Colour : Black	Colour : Grey
Qty : 500 Metre Roll	Qty : 500 Metre Roll

DB1 Door Stop Buffer



DB2 Door Stop Buffer

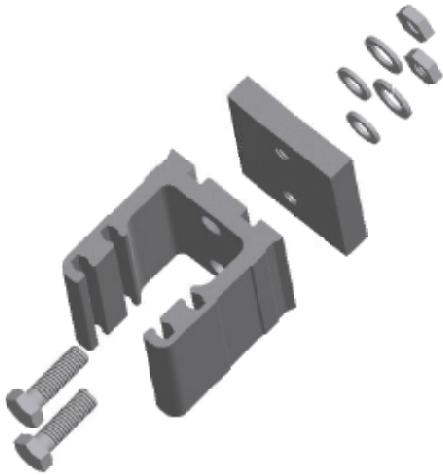


Part # 376402	Part # 376403
Colour : Black	Colour : Grey
Qty : 100 Metre Roll	Qty : 100 Metre Roll

Part # 376405
Colour : Black
Qty : 100 Metre Roll

HARDWARE

AD1032 Spigot Kit



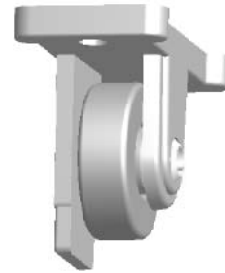
4 off Per Spigot Kit

Part # 378105

Finish: Mill

Qty: Set

AD1058 Bottom Roller



Part # 378013

Finish: Aluminium Carriage

Qty: Each

AD1066 Top Roller

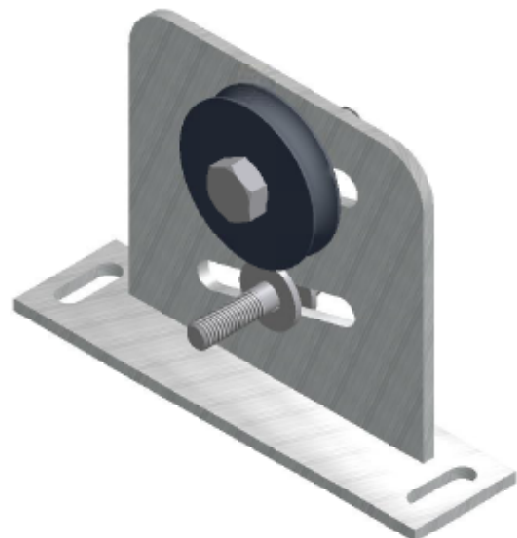


Part # 378014

Finish: Aluminium Angle with Stainless Steel Roller

Qty: Each

TT225 Heavy Duty Roller



Part # 311800

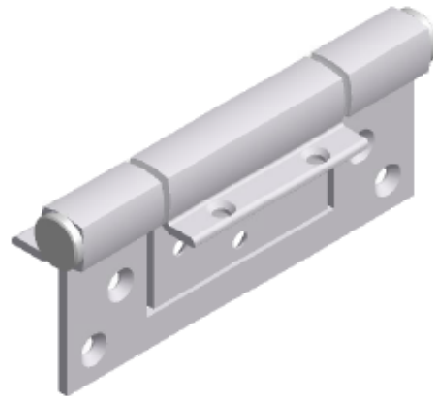
Finish: Aluminium Bracket with Nylon Wheel

Qty: Each

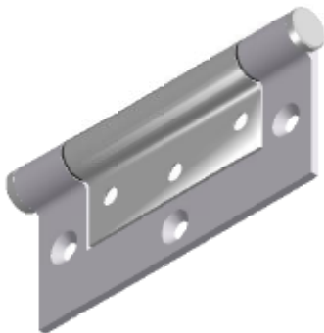
HARDWARE

Heavy Duty Quick Fix Hinge

Part #	Finish
37401101	Mill
37401102	10um Clear Anodised
37401103	10um Bronze Anodised
37401105	Bright Gold
37401110	White
37401111	Brown
37401112	Primrose
37401113	Doeskin
37401115	Stone Beige
37401134	Black
37401137	Stromboli
37401151	Anotec Dark Grey
37401182	Magnolia
37401196	Charcoal Metallic
37401199	Stainless Steel
Qty: Box (6 per Box)	



Stainless Steel Quick Fix Hinge (Aluminium)



Stainless Steel Quick Fix Hinge (Timber)



Part # 364001

Finish: Stainless Steel

Qty: Each

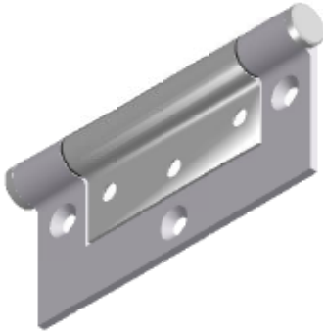
Part # 364002

Finish: Stainless Steel

Qty: Each

HARDWARE

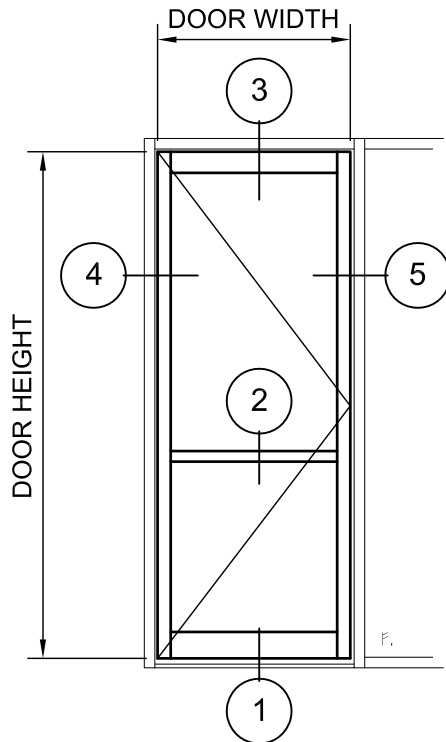
Aluminium Quick Fix Hinge



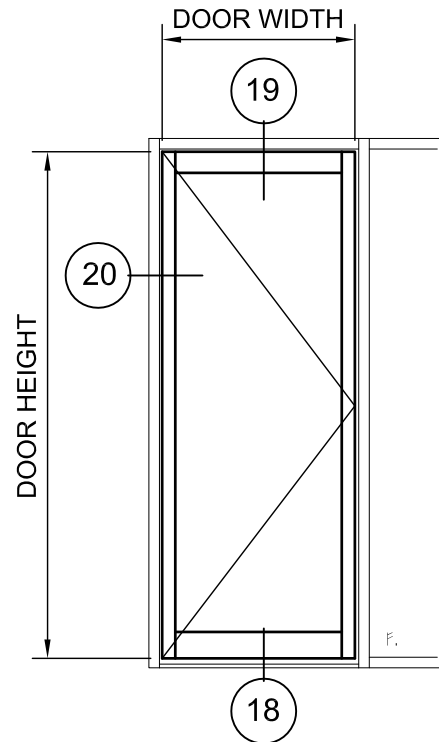
Part # 364063
Finish: 10um Clear Anodised
Qty: Each

TYPICAL ELEVATIONS

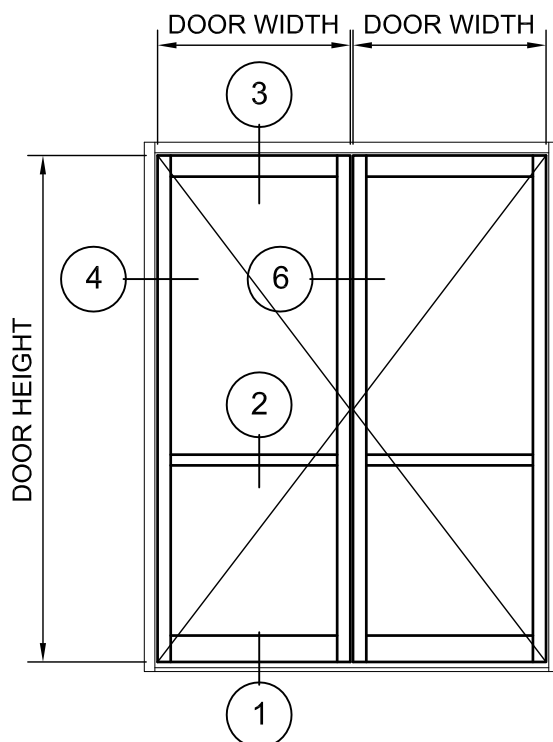
Single Hinged Door
Single Glazed



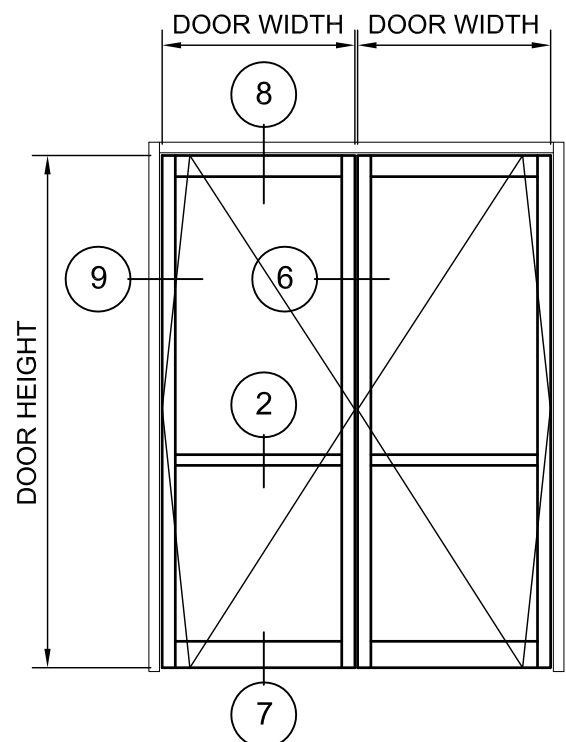
Single Hinged Door
Double Glazed



Double Hinged Door
Single Glazed

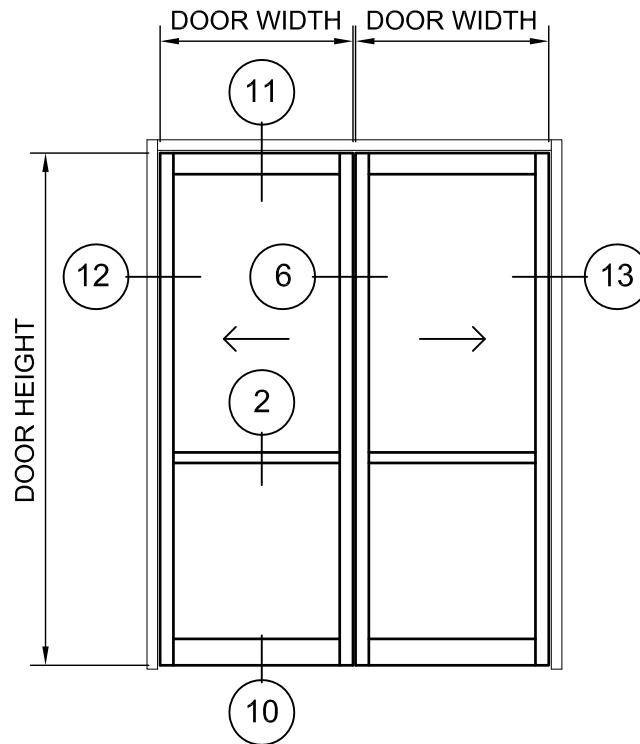


Pivot Door
Single Glazed

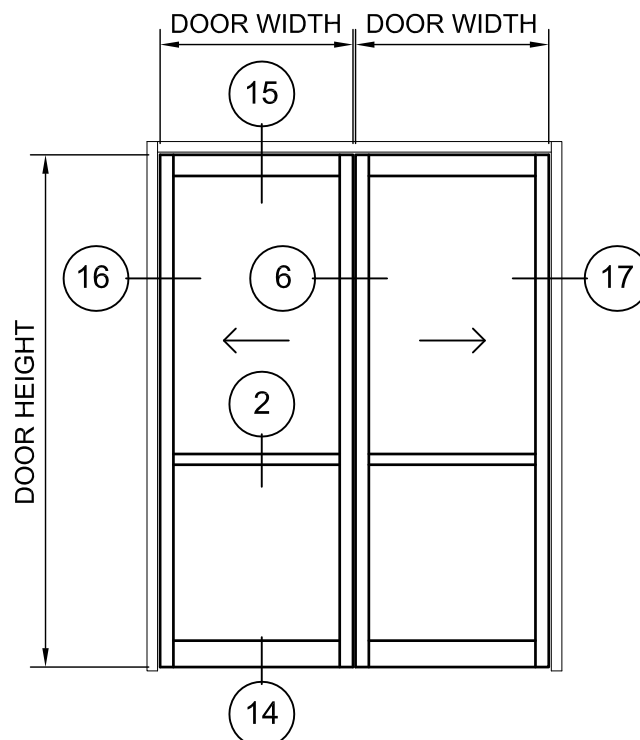


TYPICAL ELEVATIONS

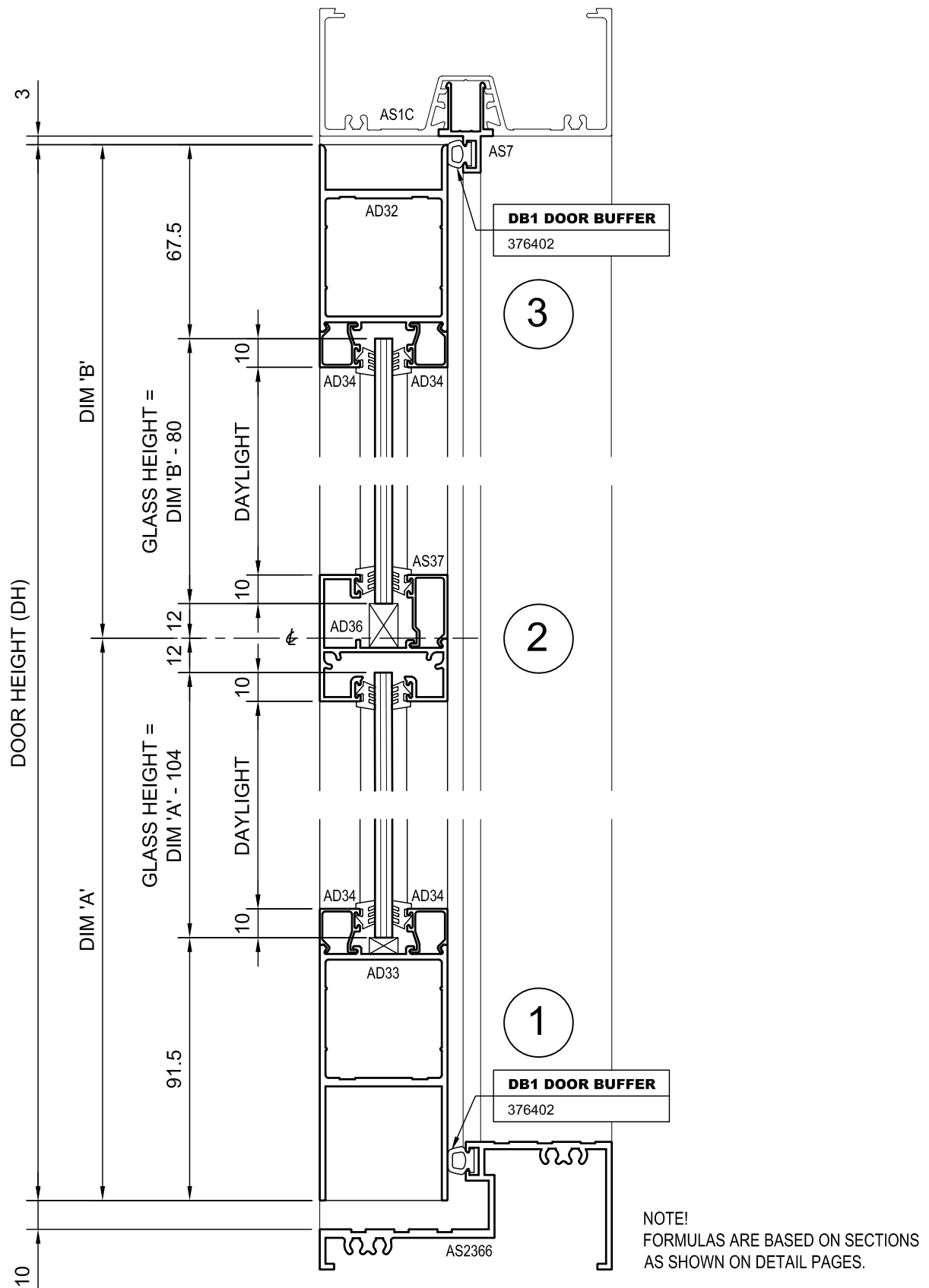
Bottom Track Sliding Door
Single Glazed



Top Track Sliding Door
Single Glazed

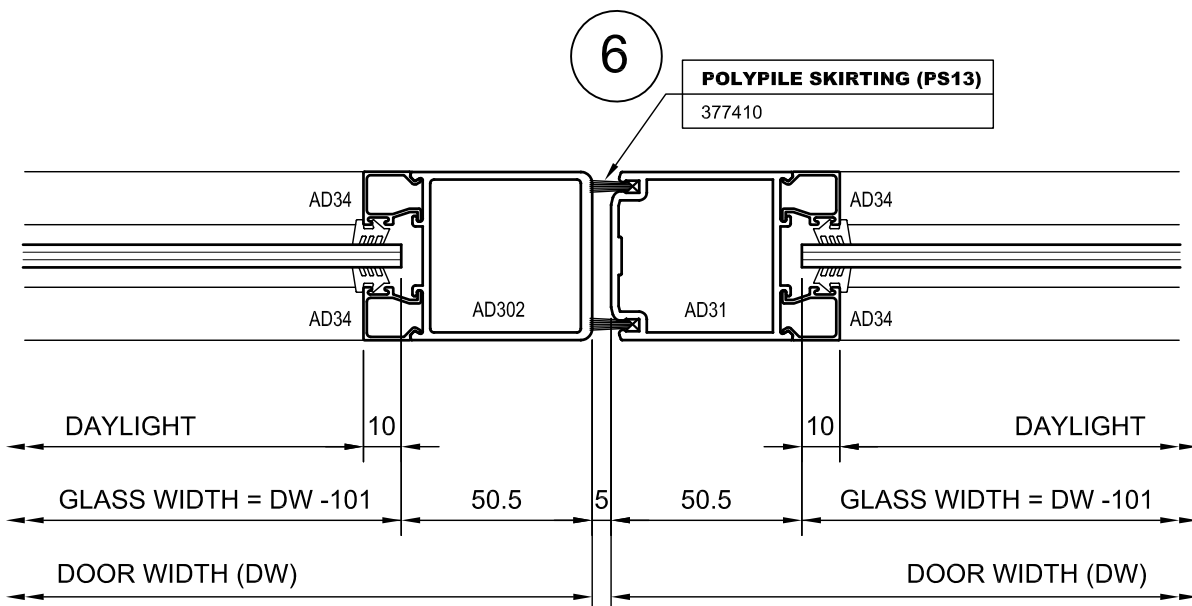
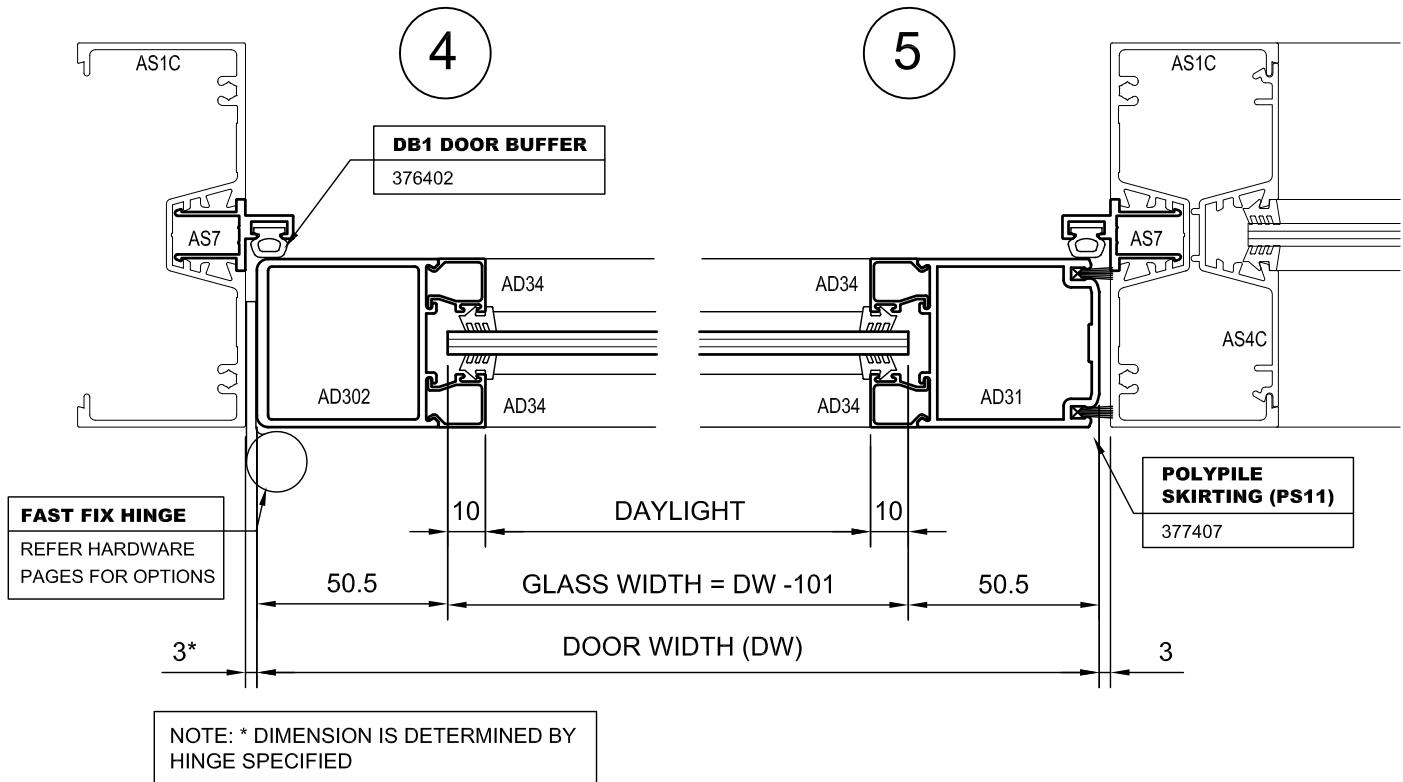


HINGED TOP AND BOTTOM DOOR RAIL DETAILS WITH MIDRAIL



HALF SCALE

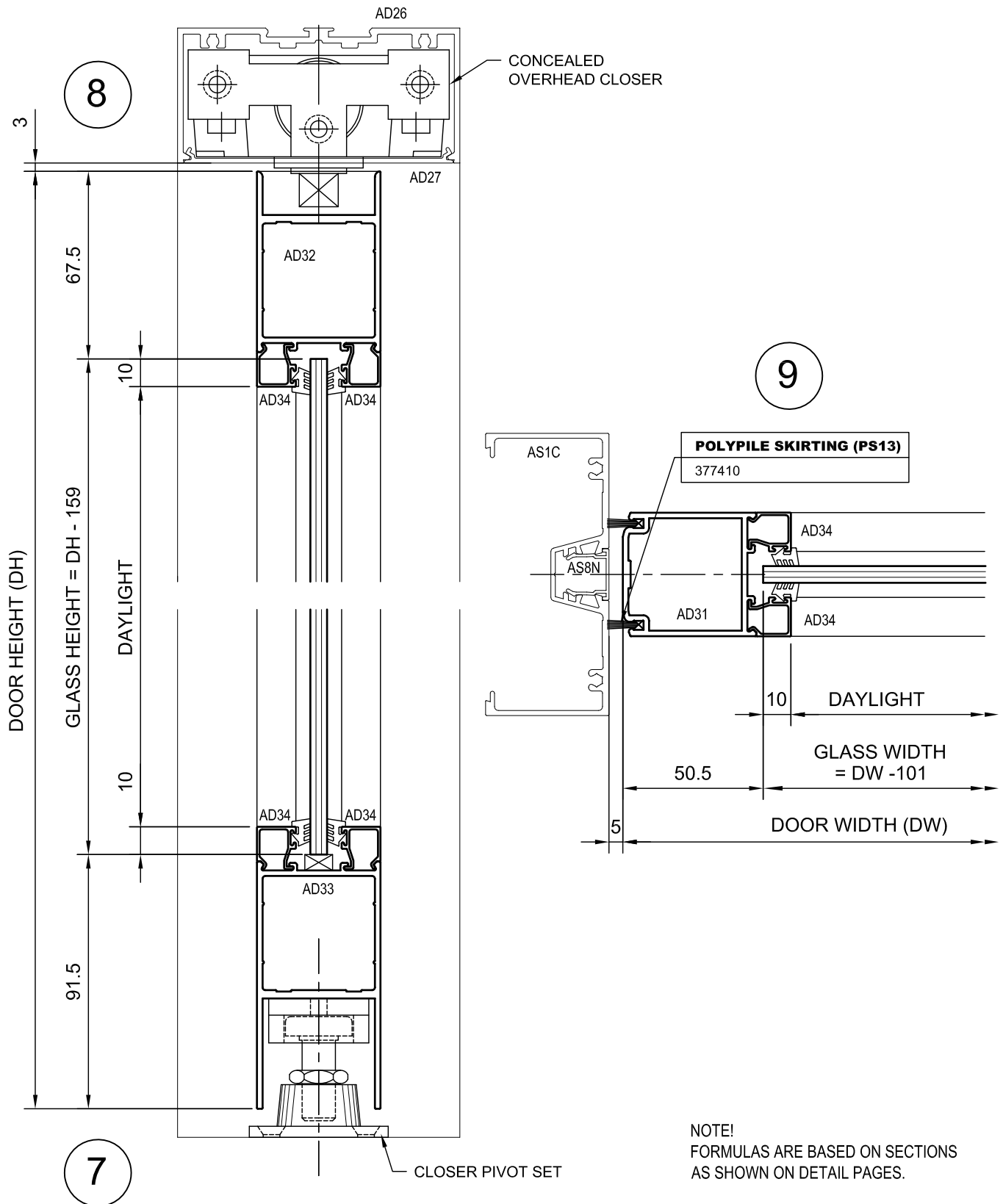
HINGED JAMB AND MEETING STILE DOOR DETAILS



NOTE!
FORMULAS ARE BASED ON SECTIONS
AS SHOWN ON DETAIL PAGES.

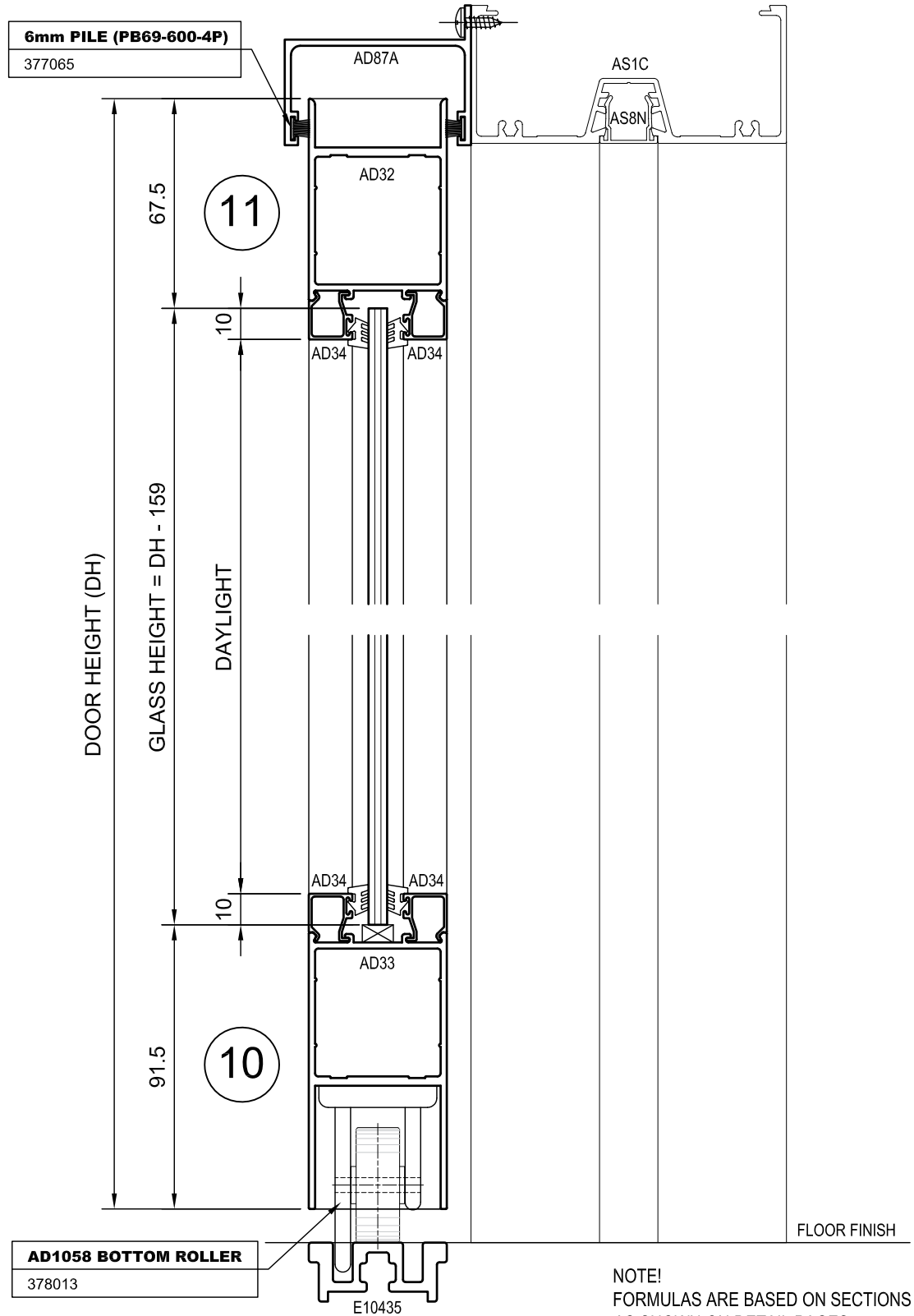
HALF SCALE

PIVOT TOP AND BOTTOM RAIL, AND STILE DOOR DETAILS



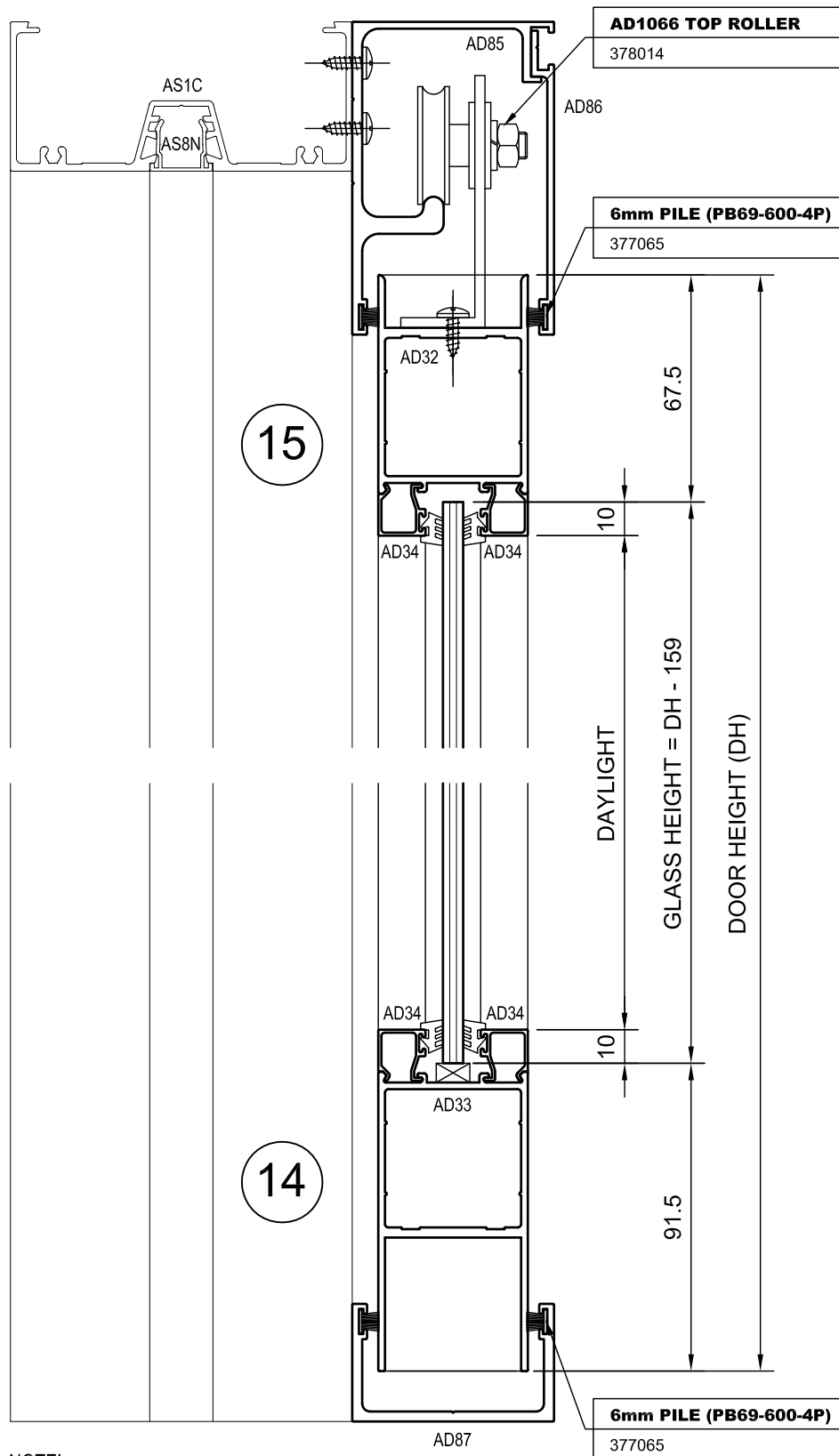
HALF SCALE

BOTTOM ROLLER SLIDING TOP AND BOTTOM DOOR RAIL DETAILS



HALF SCALE

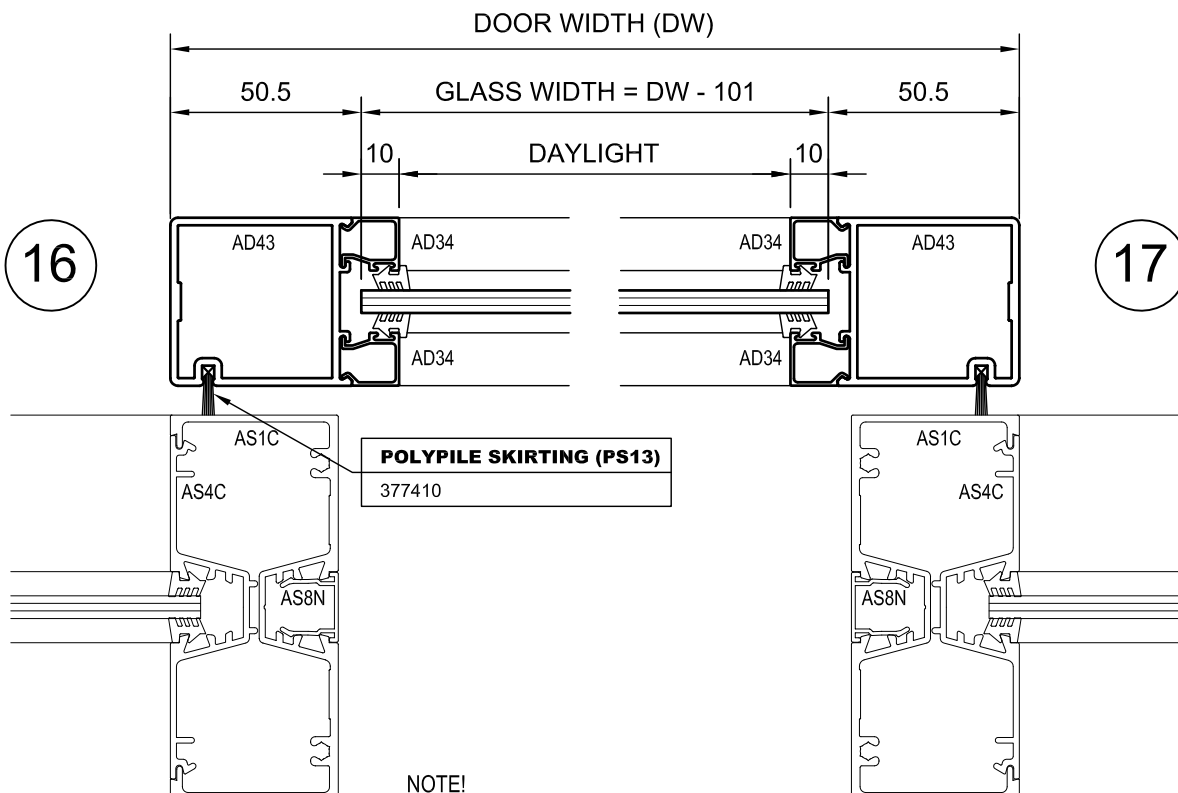
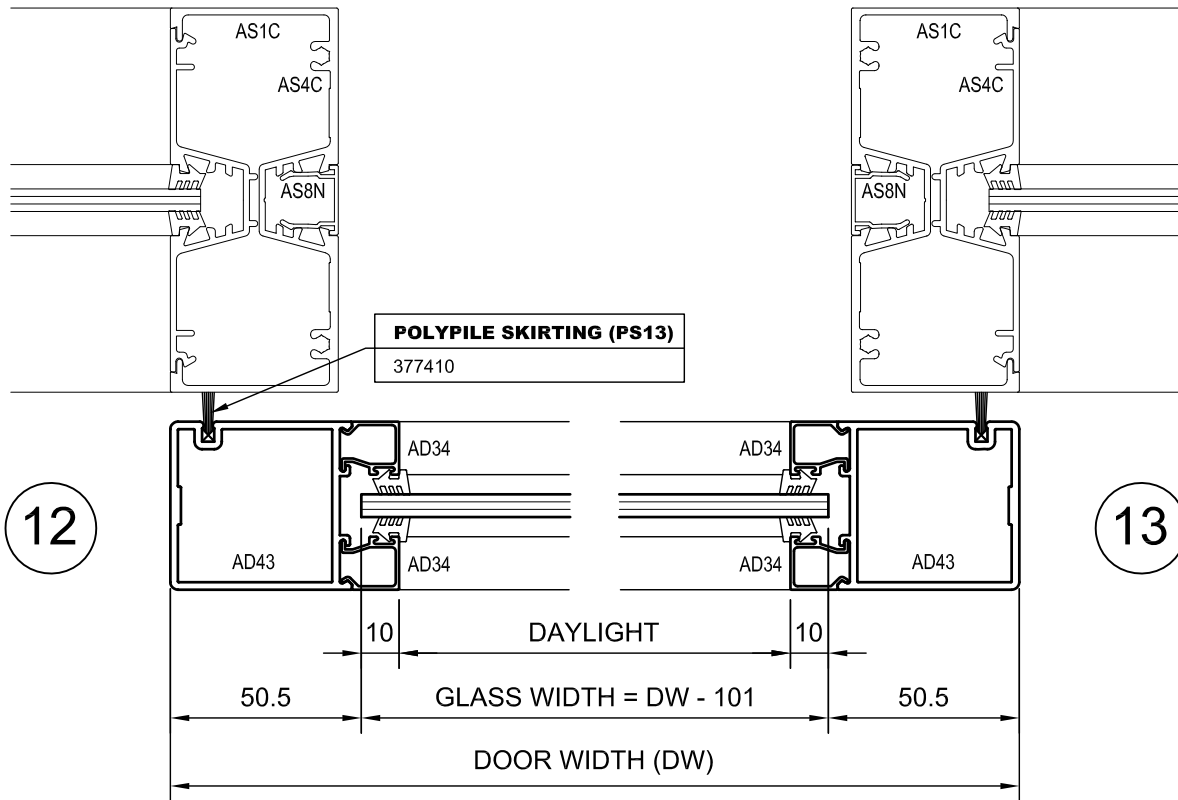
TOP HUNG SLIDING TOP AND BOTTOM DOOR RAIL DETAILS



NOTE!
FORMULAS ARE BASED ON SECTIONS
AS SHOWN ON DETAIL PAGES.

HALF SCALE

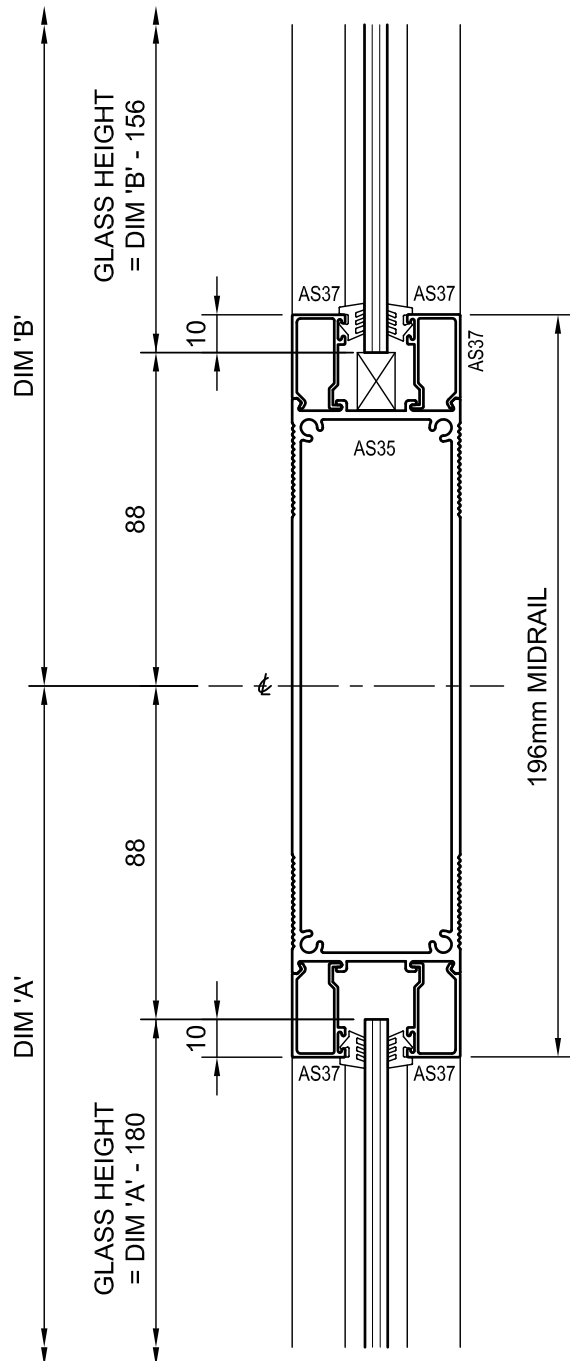
SLIDING DOOR STILE DETAILS



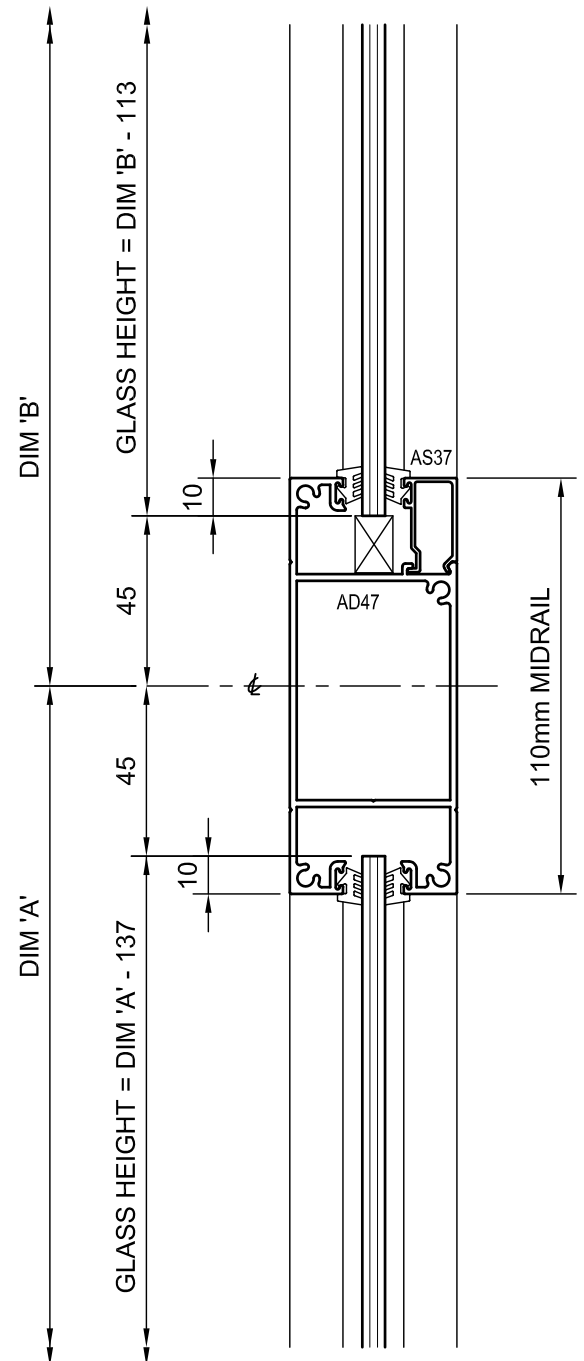
NOTE!
FORMULAS ARE BASED ON SECTIONS
AS SHOWN ON DETAIL PAGES.

HALF SCALE

ALTERNATE MIDRAIL DETAILS



2alt



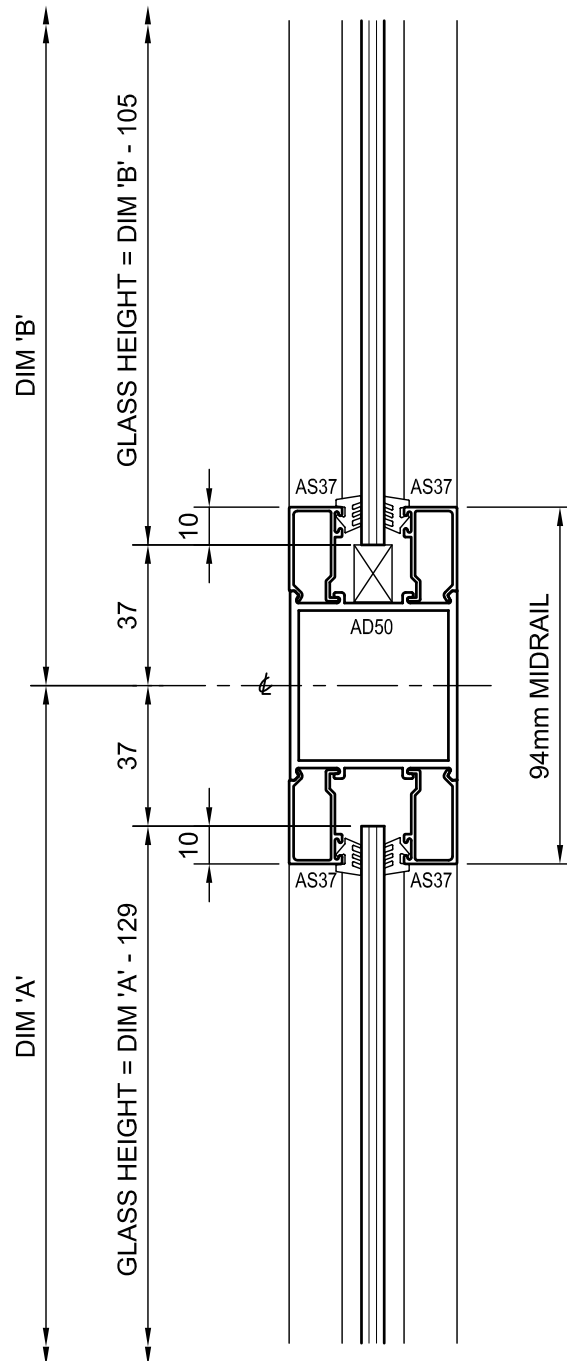
2alt

NOTE!

FORMULAS ARE BASED ON TOP RAIL AD32 AND BOTTOM RAIL AD33 COMBINED WITH MIDRAIL SECTIONS AND AD37 BEAD AS SHOWN ON DETAILS ABOVE. AS34 MAY BE USED AS AN ALTERNATE BEAD HOWEVER FORMULAS WILL NEED TO BE AMENDED TO SUIT.

HALF SCALE

ALTERNATE MIDRAIL DETAILS



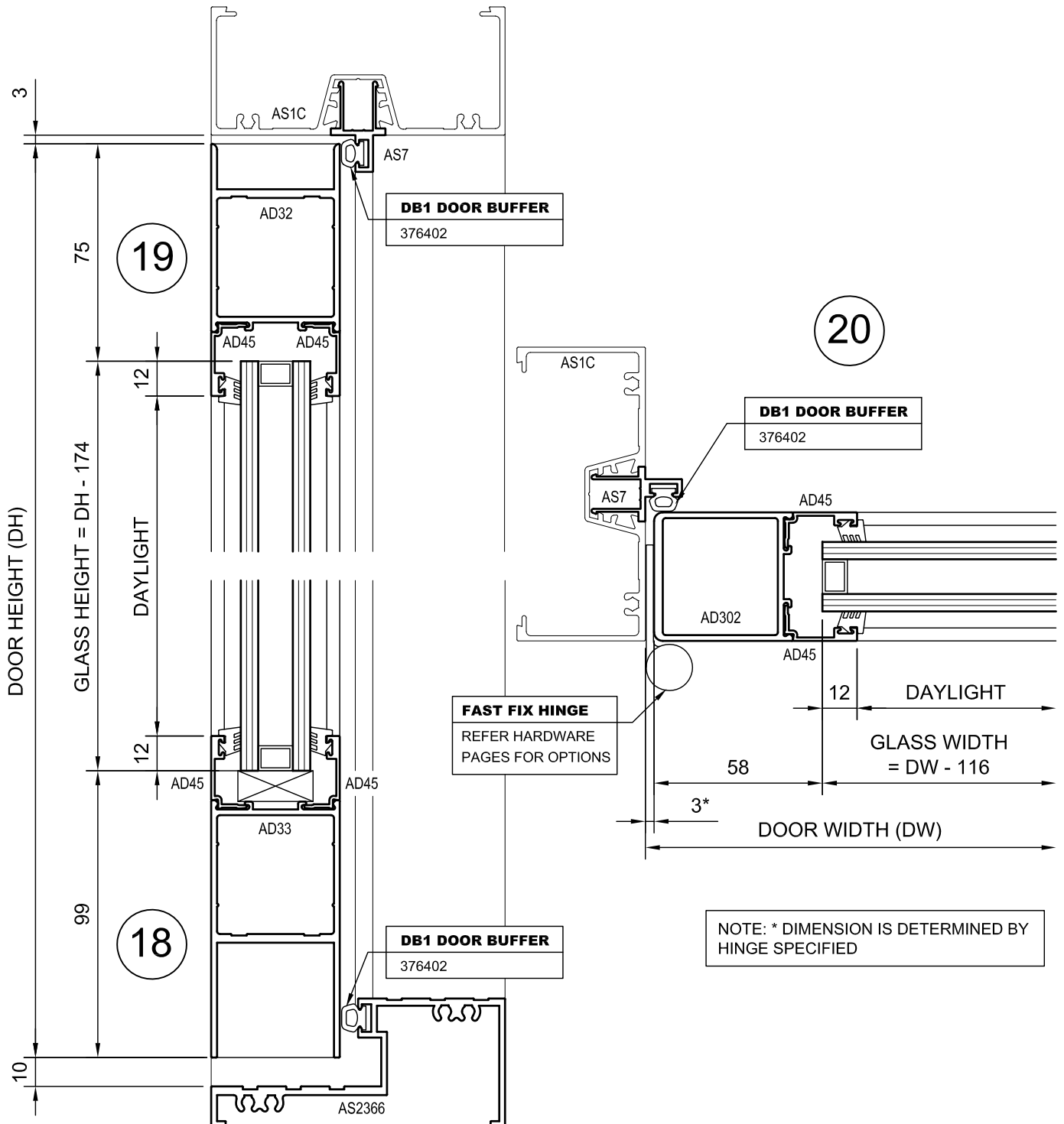
2alt

NOTE!

FORMULAS ARE BASED ON TOP RAIL AD32 AND BOTTOM RAIL AD33 COMBINED WITH MIDRAIL SECTIONS AND AD37 BEAD AS SHOWN ON DETAILS ABOVE. AS34 MAY BE USED AS AN ALTERNATE BEAD HOWEVER FORMULAS WILL NEED TO BE AMENDED TO SUIT.

HALF SCALE

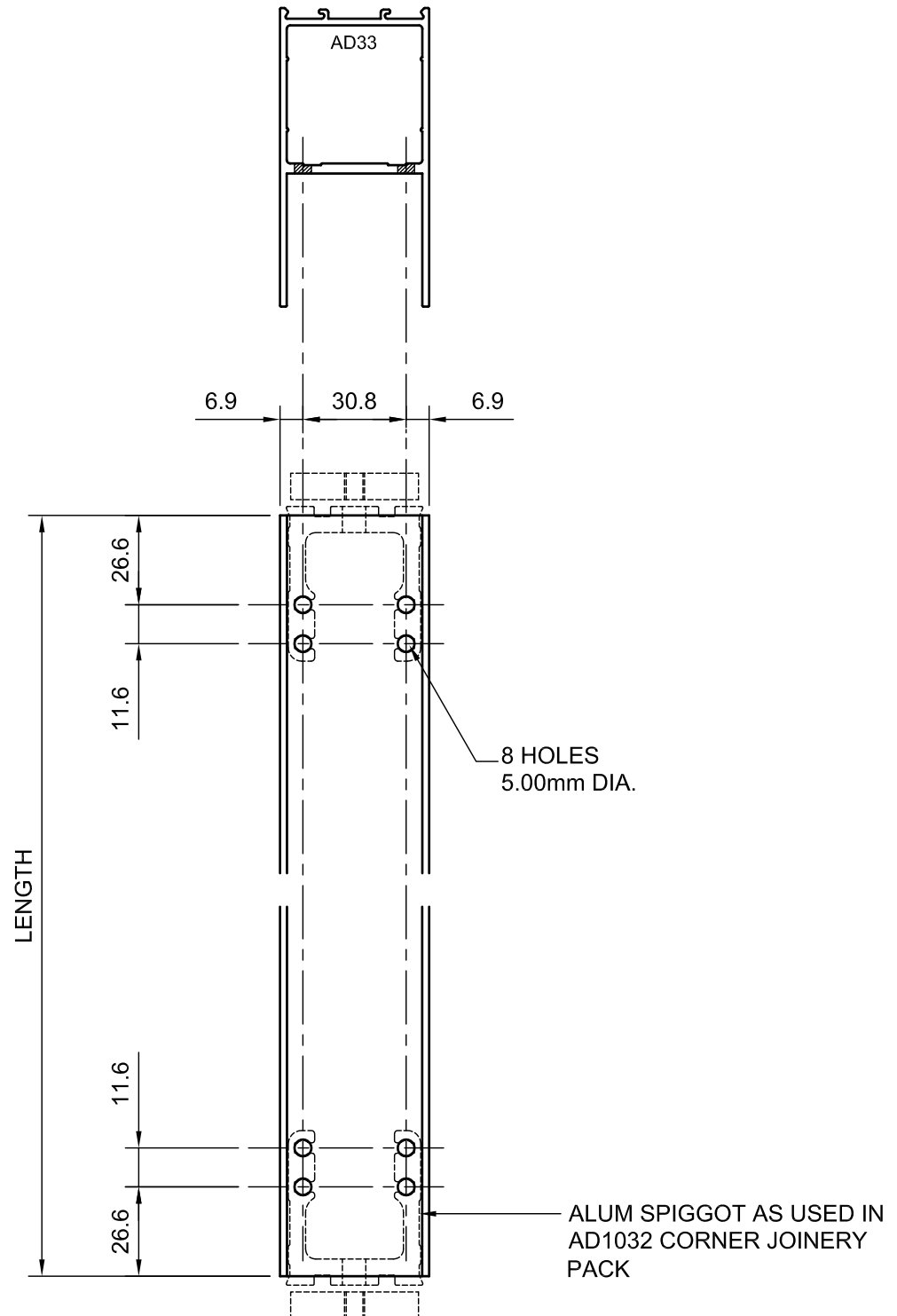
DOUBLE GLAZED TOP, BOTTOM RAIL AND STILE DOOR DETAILS



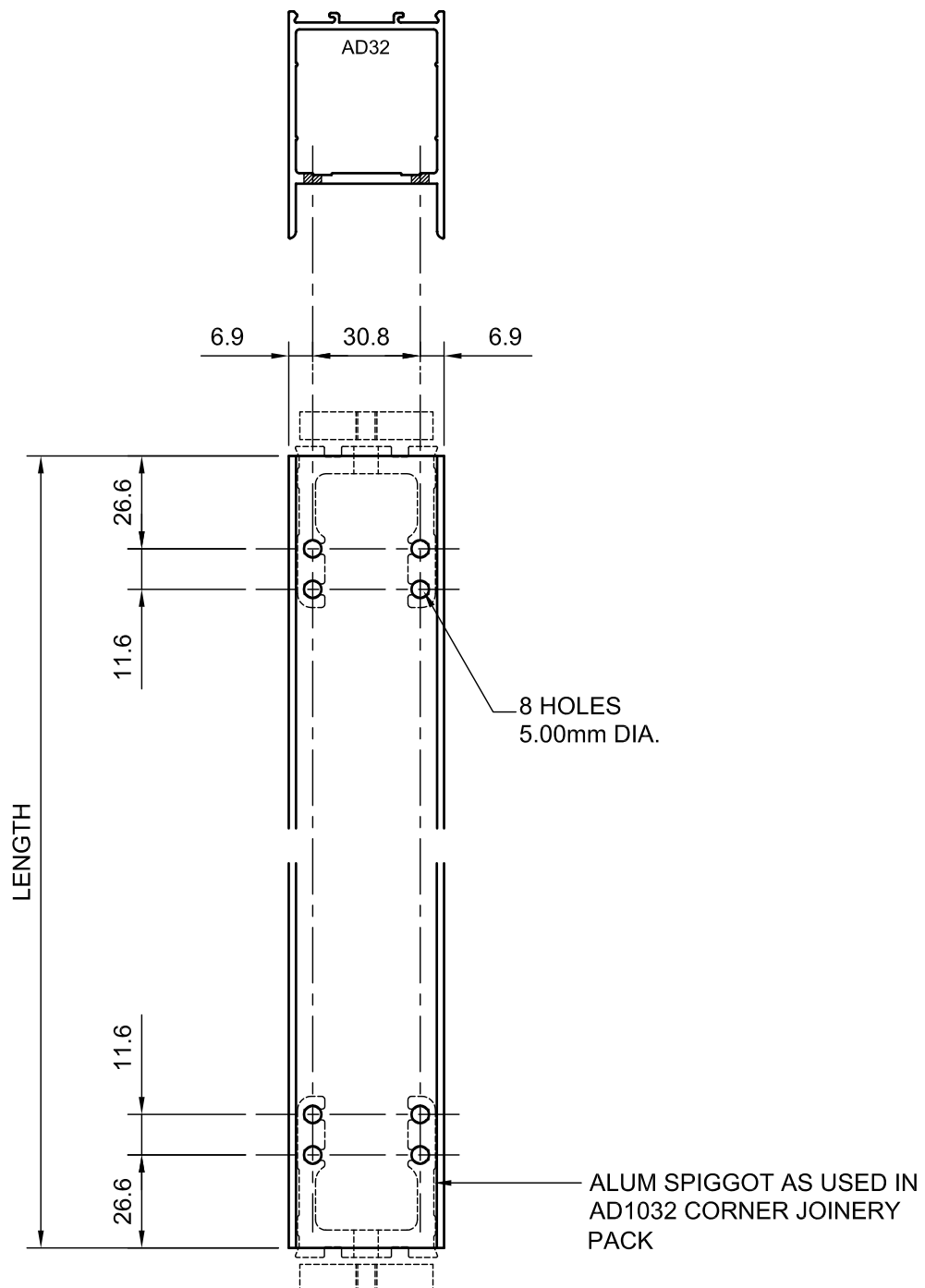
NOTE!
FORMULAS ARE BASED ON SECTIONS
AS SHOWN ON DETAIL PAGES.

HALF SCALE

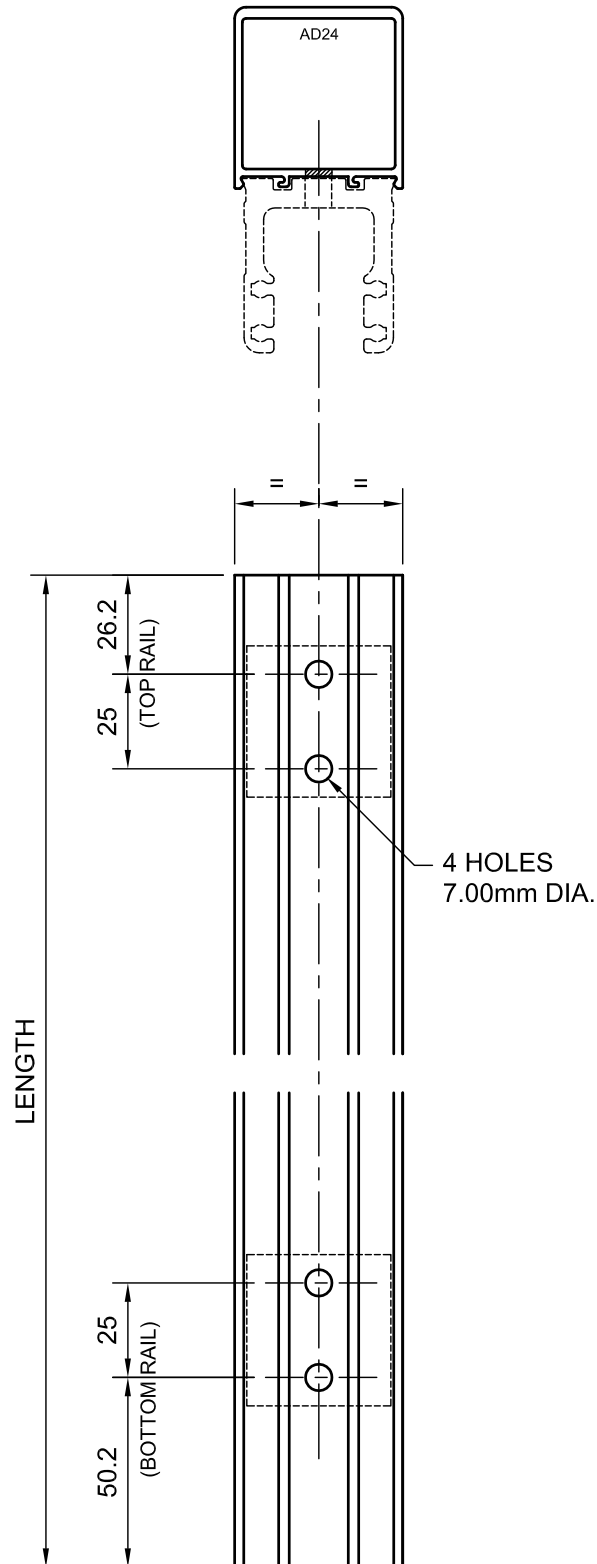
FRAME PREPARATION 1



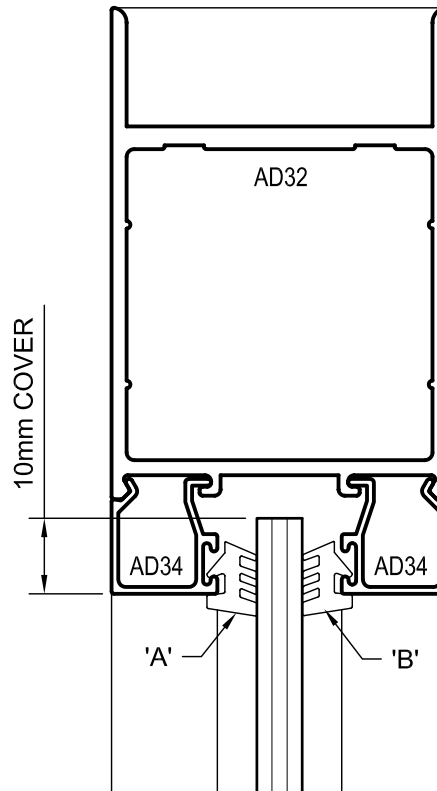
FRAME PREPARATION 2



FRAME PREPARATION 3

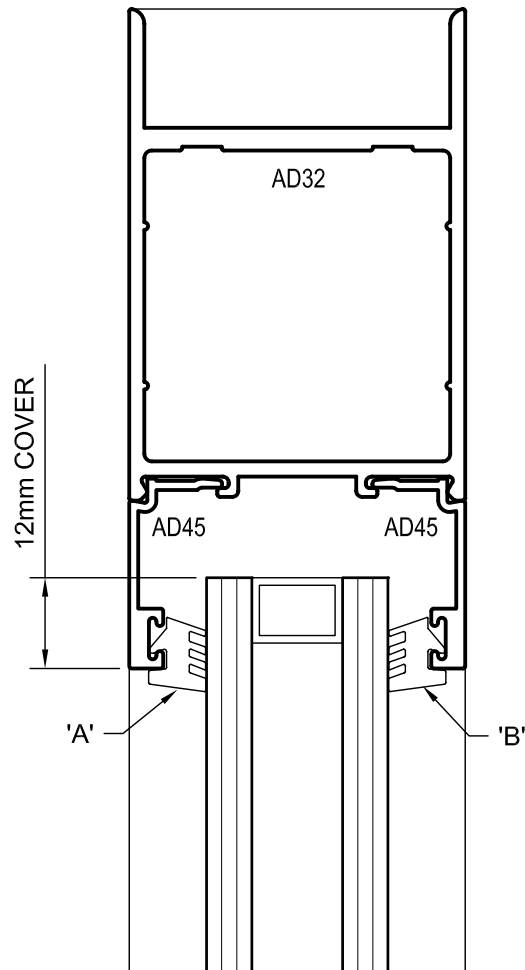


SINGLE GLAZED DETAILS



	'A' OUTER WEDGE		'B' INNER WEDGE	
GLASS THICKNESS	REF.	CODE	REF.	CODE
4mm THICK	GR4	376021	GR4	376021
5mm THICK	GR3	376015	GR4	376021
6mm THICK	GR3	376015	GR3	376015
6.38mm THICK	GR3	376015	GR3	376015
6/6.38mm CAPT.	GR16	376081	GR3	376015
8mm THICK	GR2	376012	GR3	376015
8.38mm THICK	GR2	376012	GR3	376015
10mm THICK	GR2	376012	GR2	376012
10.38mm THICK	GR2	376012	GR2	376012
10/10.38mm CAPT.	GR15	376076	GR2	376012

DOUBLE GLAZED DETAILS



GLASS THICKNESS	'A' OUTER WEDGE		'B' INNER WEDGE	
	REF.	CODE	REF.	CODE
16mm THICK	CE17	376350	GR26	376119
18mm THICK	GR3	376015	GR26	376119
24mm THICK	GR2	376012	GR2	376012
26mm THICK	GR3	376015	GR2	376012

ALSPEC ALUMINIUM SYSTEMS

TECHNICAL MANUAL

TORRENS DOUBLE BEAD DOOR

Section 4.0

CARE AND MAINTENANCE

PERIMETER FRAMING

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

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

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

SUGGESTED MAINTENANCE PERIOD TABLE

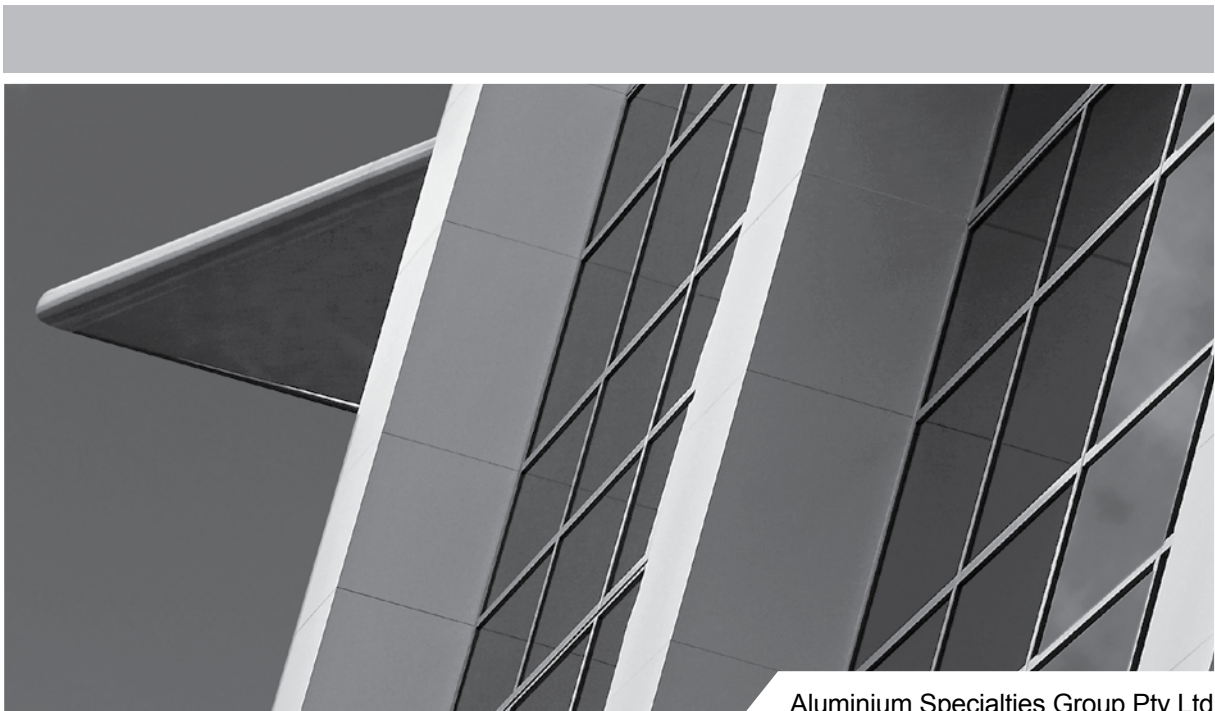
ENVIRONMENT	RECOMMENDED MAXIMUM MAINTENANCE INTERVAL
<i>Mild</i>	<i>Six Months</i>
<i>Moderate</i>	<i>Three Months</i>
<i>Tropical/Severe</i>	<i>One Month</i>

Environmental Definitions:

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

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

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



Aluminium Specialties Group Pty Ltd

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