

## CUSTOMER TECHNICAL MEMO # 84

**Subject:** Versastyle Wardrobe Door Technical Manual Amendments

**Date:** 4/12/09

**From:** Product Development

Due to the large number of suppliers of vinyl backed mirror in the Australian market, it has become obvious that the quality of bond between the mirror and the vinyl backing varies considerably and this has an impact on semi frameless applications.

We have revised our Versastyle Wardrobe Door Technical Manual advising fabricators to confirm tape and silicone compatibility with their vinyl backed mirror suppliers.

We have reduced the mirror sizes to allow for a secondary silicone heal bead all round to assist in bonding the mirror to our semi frameless sash.

Please note we decided to revise the entire manual to be updated with the current ALSPEC logo and Tech Manual format. Please refer below for a list of important changes.

### Versastyle Wardrobe Door

- Page 1.0 – Technical Manual Release Notes updated
- Pages 3.4.2, 3.4.3 & 3.4.4 – Semi frameless details amended, detail page numbers amended
- Page 3.5.4, 3.5.5, 3.5.6, 3.5.9 & 3.5.10 – Semi frameless formula pages amended
- Page 3.7.2 – Glazing details amended

We have attached a copy of the revised Versastyle Technical Manual for your convenience. The Versastyle Technical Manual and detail drawings have also been updated on our ALSPEC website.

If you have any questions please do not hesitate your local ALSPEC Area Manager or Sales Office.



# ALSPEC ALUMINIUM SYSTEMS

## TECHNICAL MANUAL

# VERSASTYLE™

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**Issued to:** .....

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**ALSPEC contact:** .....

**Date:** .....

**Manual reference number: AS-VERSASTYLE** .....



# ALSPEC ALUMINIUM SYSTEMS

## TECHNICAL MANUAL

# VERSASTYLE™

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VERSASTYLE









# ALSPEC ALUMINIUM SYSTEMS

## TECHNICAL MANUAL

# VERSASTYLE™

### Section 2.1

### **SPECIFICATION**

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#### **ALUMINIUM**

Aluminium frames should be manufactured using ALSPEC's Versastyle Wardrobe Door system.

Maximum Sliding Panel Height .....	2.4m
Maximum Sliding Door Width .....	1.2m
Maximum Sliding Door Weight .....	50kgs

#### **HARDWARE**

- Glazing channels shall be ALSPEC's glazing channels to suit standard glazing options.
- Glazing tapes and silicone combinations shall be as recommended on our glazing page 3.7.2 for semi-frameless glazing. Please refer Important Note on this page.
- All other hardware as per ALSPEC Technical Manual.

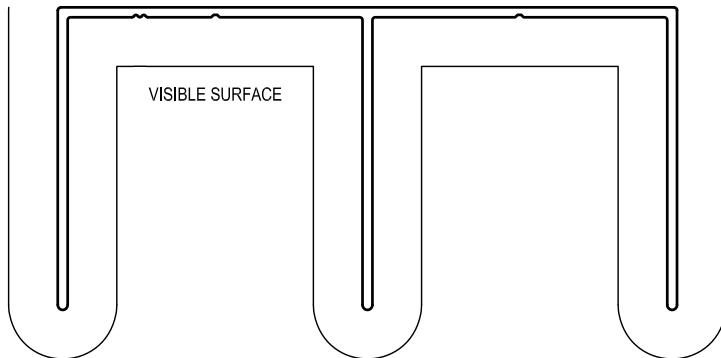
#### **FINISHES**

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

***All products are available from ALSPEC (A.B.N. 63 001 252 259) as detailed in the "ALSPEC" Catalogue or on the Internet at [www.alspec.com.au](http://www.alspec.com.au) . All glass and glazing shall be applied in accordance with the requirements of AS1288 (under section 5 "Criteria for Human Impact Safety").***

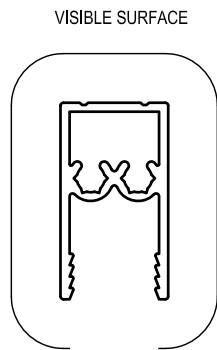


**EXTRUSIONS**



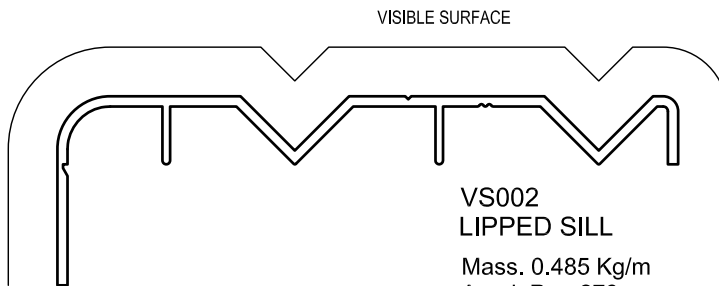
**VS001  
HEAD**

Mass. 0.692 Kg/m  
Anod. Per. 396  
Paint Per. 314



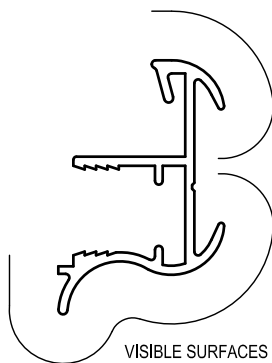
**VS021  
SASH RAIL**

Mass. 0.288 Kg/m  
Anod. Per. 114  
Paint Per. 100



**VS002  
LIPPED SILL**

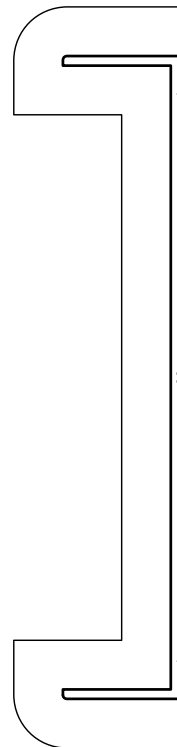
Mass. 0.485 Kg/m  
Anod. Per. 278  
Paint Per. 135



**VS020  
STILE**

Mass. 0.312 Kg/m  
Anod. Per. 183  
Paint Per. 100

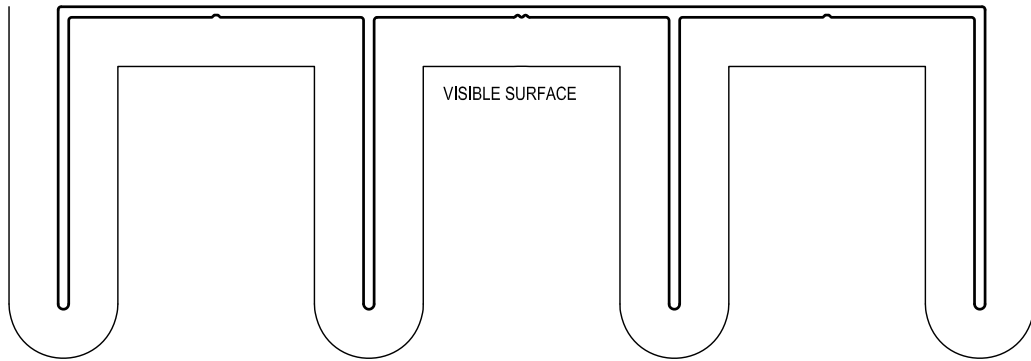
VISIBLE SURFACE



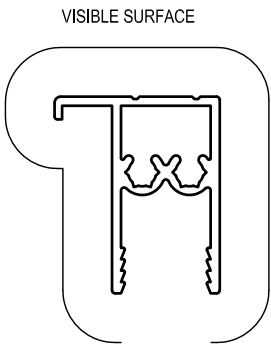
**VS003  
JAMB**

Mass. 0.384 Kg/m  
Anod. Per. 231  
Paint Per. 145

**EXTRUSIONS**

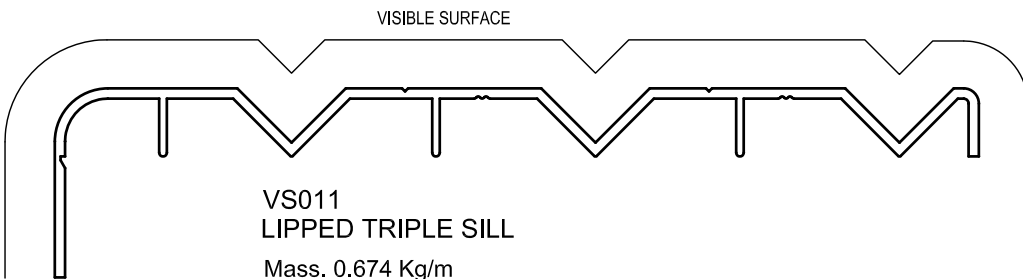
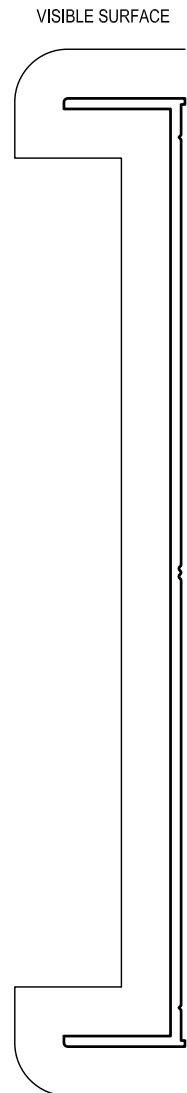


**VS010  
TRIPLE HEAD**  
Mass. 1.043 Kg/m  
Anod. Per. 553  
Paint Per. 430

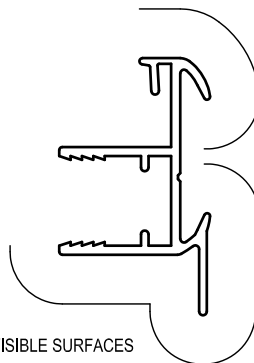


**VS024  
LIPPED RAIL**  
Mass. 0.318 Kg/m  
Anod. Per. 132  
Paint Per. 100

**VS012  
TRIPLE JAMB**  
Mass. 0.581 Kg/m  
Anod. Per. 312  
Paint Per. 185



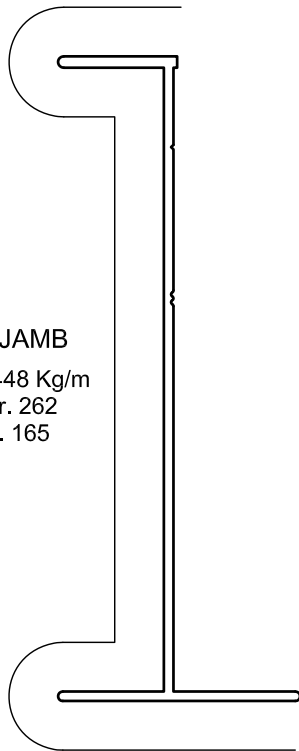
**VS011  
LIPPED TRIPLE SILL**  
Mass. 0.674 Kg/m  
Anod. Per. 386  
Paint Per. 202



**VS023  
LIPPED STILE**  
Mass. 0.283 Kg/m  
Anod. Per. 183  
Paint Per. 100

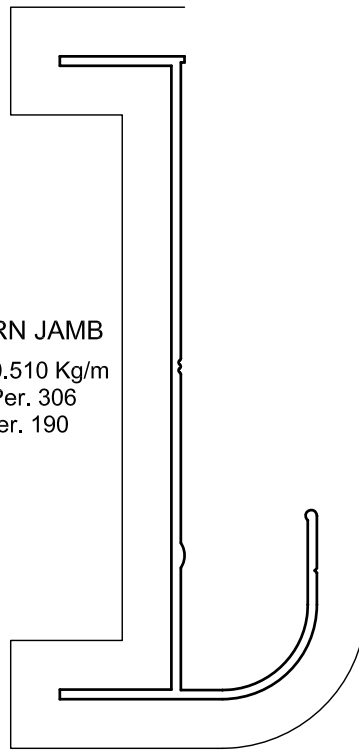
**EXTRUSIONS**

VISIBLE SURFACE



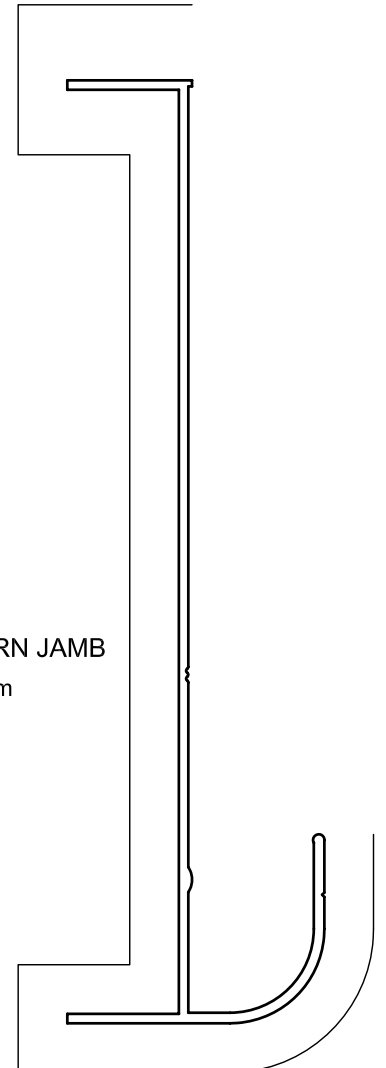
**VS005  
COVER JAMB**  
Mass. 0.448 Kg/m  
Anod. Per. 262  
Paint Per. 165

VISIBLE SURFACE



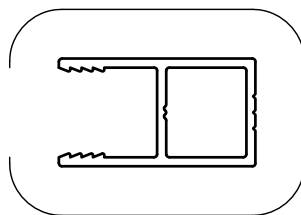
**VS004  
RETURN JAMB**  
Mass. 0.510 Kg/m  
Anod. Per. 306  
Paint Per. 190

VISIBLE SURFACE



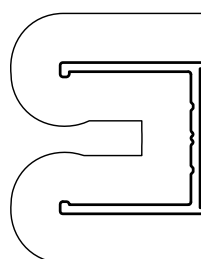
**VS013  
TRIPLE RETURN JAMB**  
Mass. 0.663 Kg/m  
Anod. Per. 385  
Paint Per. 234

VISIBLE SURFACE



**VS022  
ALTERNATE STILE**  
Mass. 0.254 Kg/m  
Anod. Per. 110  
Paint Per. 100

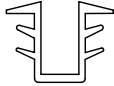
VISIBLE SURFACE



**VS006  
WALL CHANNEL**  
Mass. 0.181 Kg/m  
Anod. Per. 114  
Paint Per. 100

**ACCESSORIES AND HARDWARE**

**4mm Glazing Channel**



Part # 335105 - White

Part # 335106 - Almond Ivory

Part # 335107 - Clear

Part # 335108 - Grey

Part # 335109 - Black

Qty : Metre

**Stile Buffer**



Part # 335100 - White

Part # 335101 - Almond Ivory

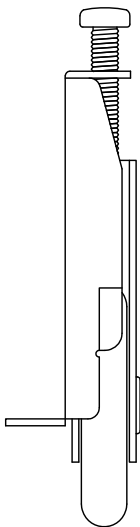
Part # 335102 - Clear

Part # 335103 - Grey

Part # 335104 - Black

Qty : Metre

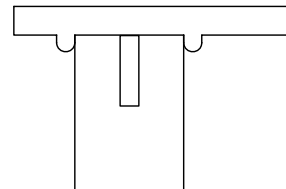
**Wardrobe Door Roller**



Part # 396025

Qty: Each

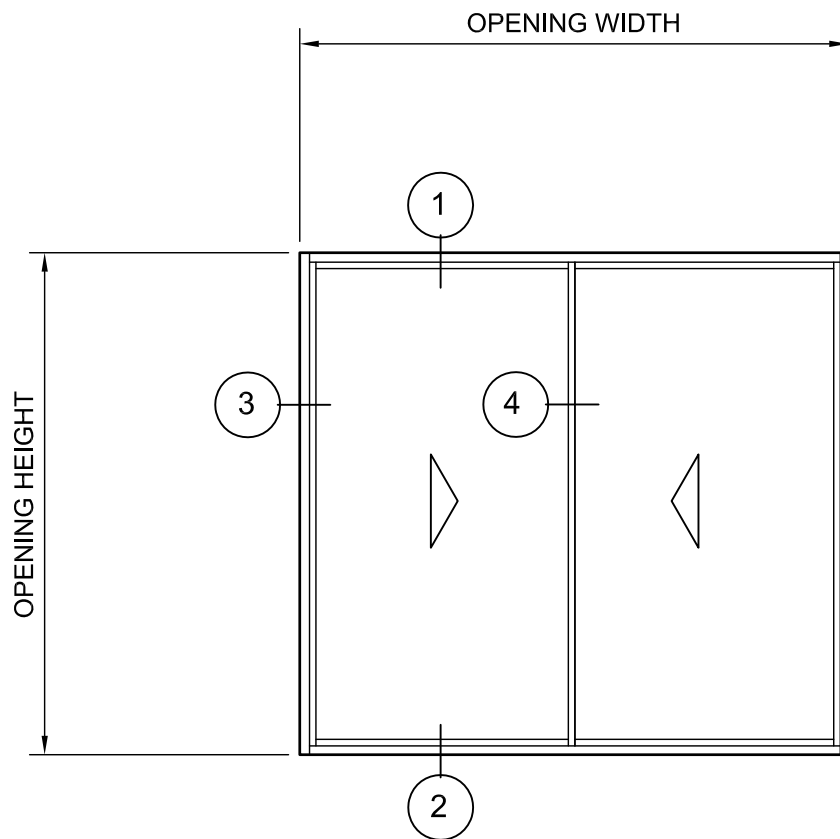
**Head Guide L.H. & R.H.**



Part # 335001

Qty : Pair

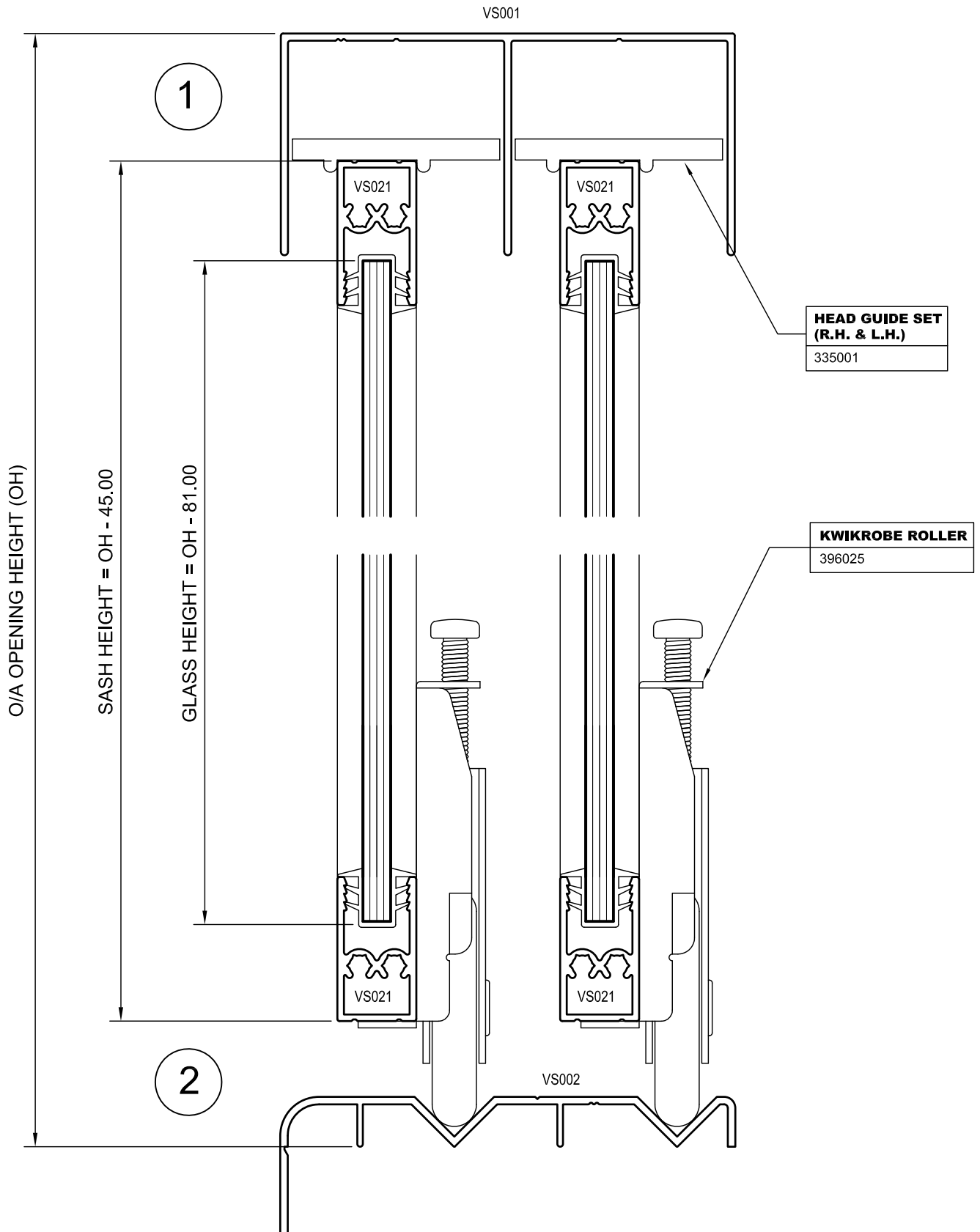
**TYPICAL ELEVATION**





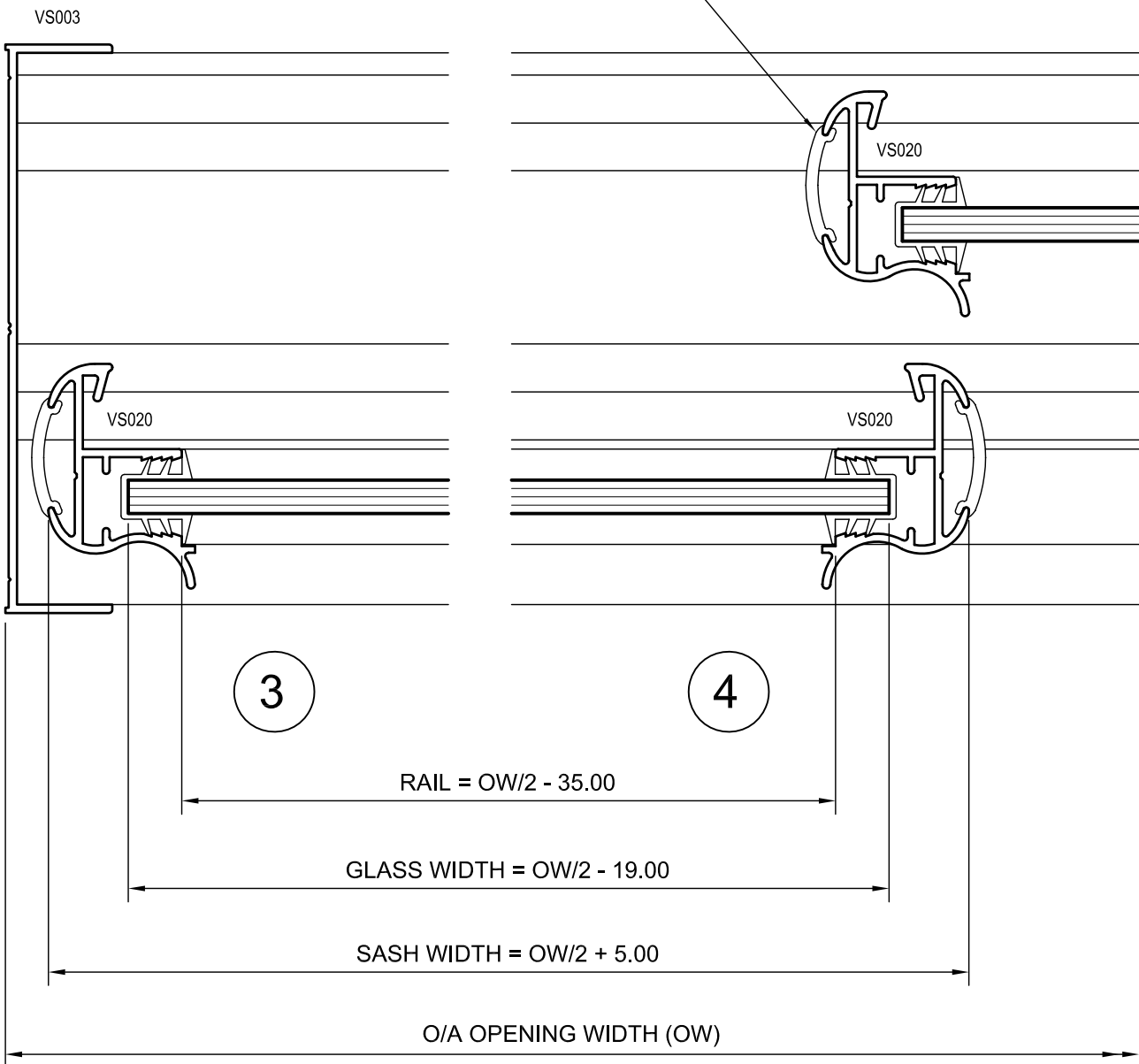


**TYPICAL HEAD AND SILL DETAILS**

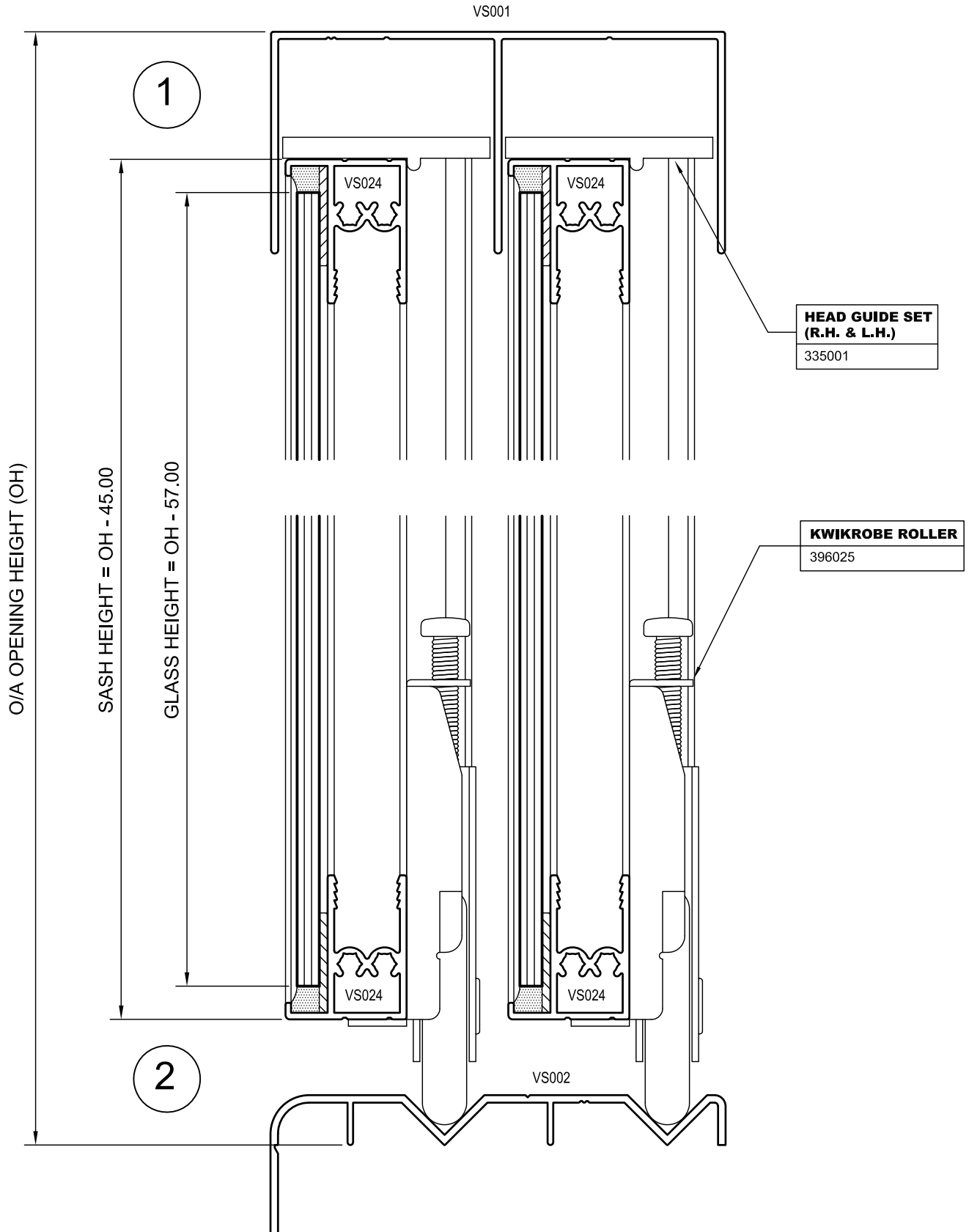


**TYPICAL L.H. JAMB DETAIL**

STYLE BUFFER
335100 WHITE
335101 ALMOND IVORY
335102 CLEAR
335103 GREY
335104 BLACK

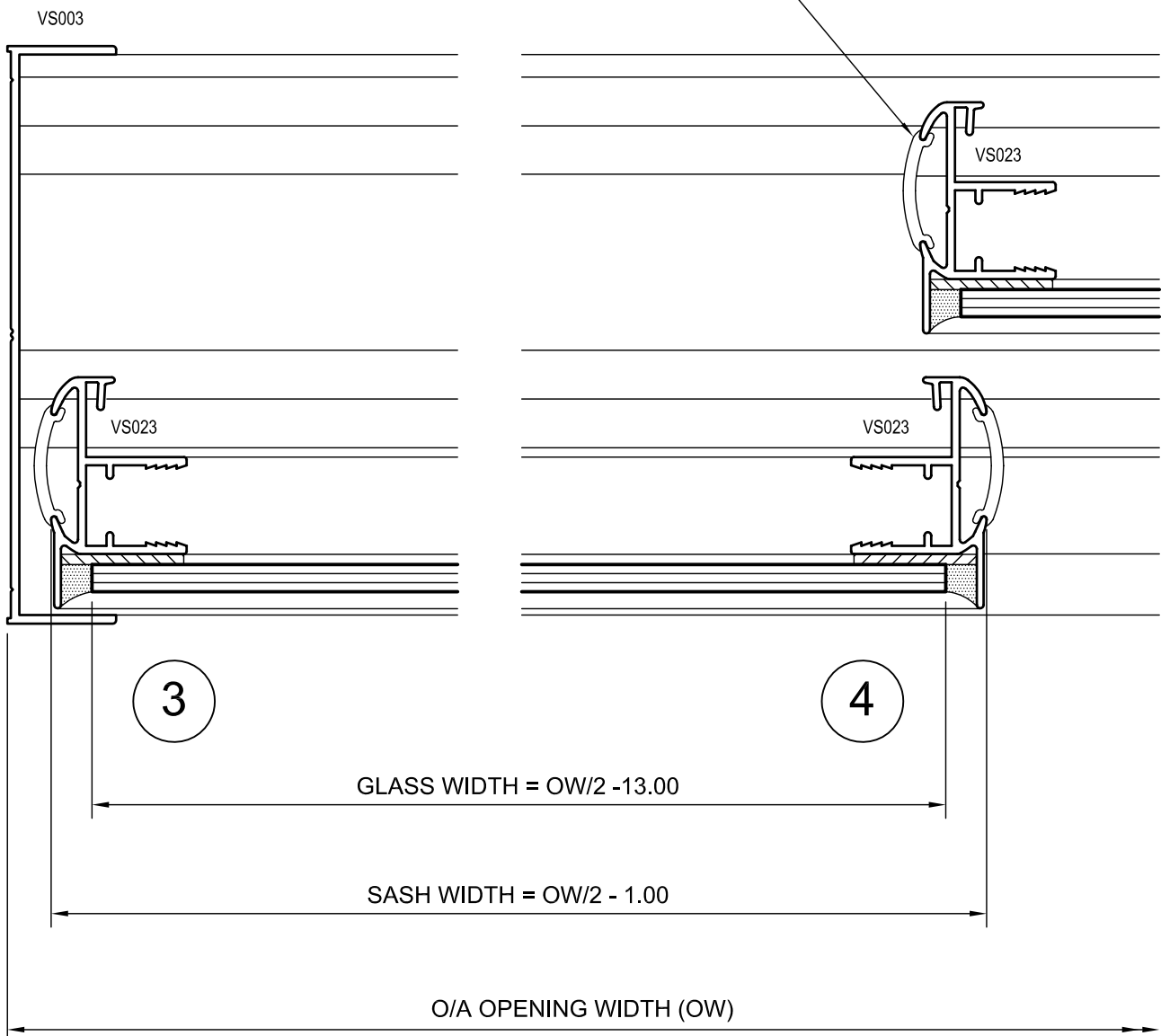


**TYPICAL HEAD AND SILL DETAILS - SEMI FRAMELESS**

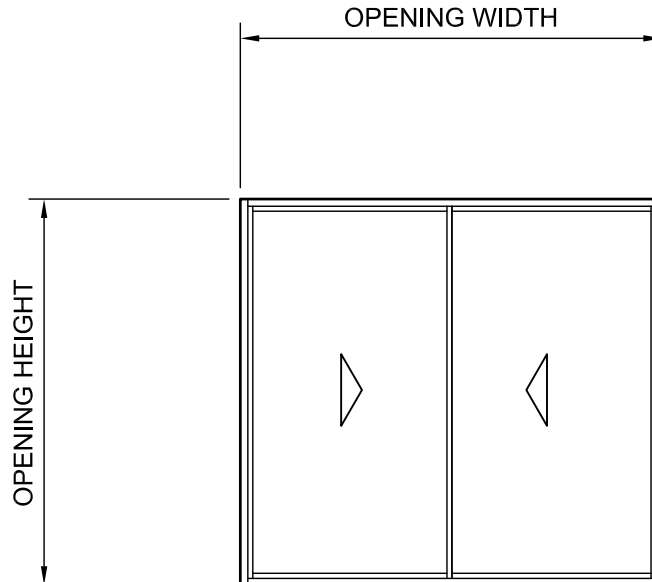


**TYPICAL L.H. JAMB DETAIL - SEMI FRAMELESS**






STYLE BUFFER
335100 WHITE
335101 ALMOND IVORY
335102 CLEAR
335103 GREY
335104 BLACK



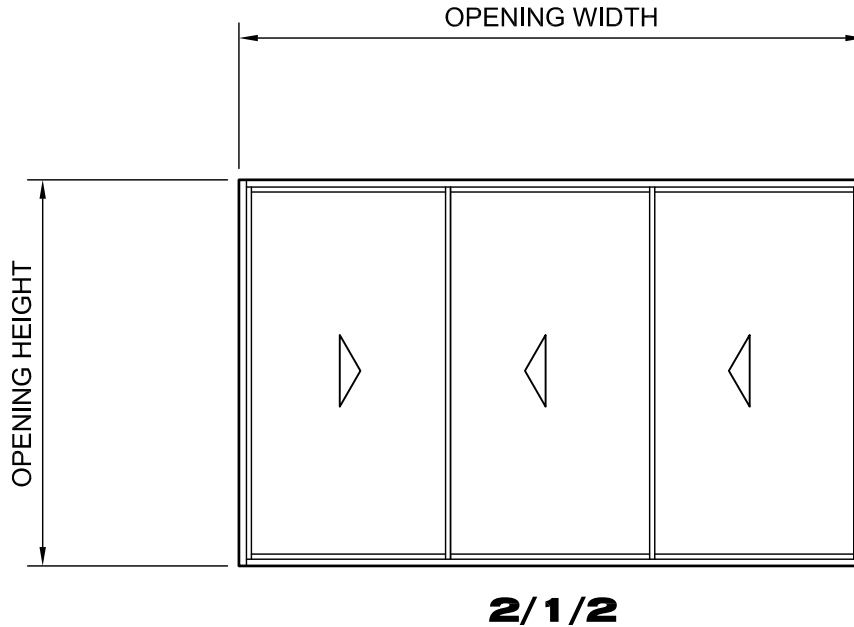
**CUTTING FORMULA - DOUBLE SLIDE**








**2/1/1**

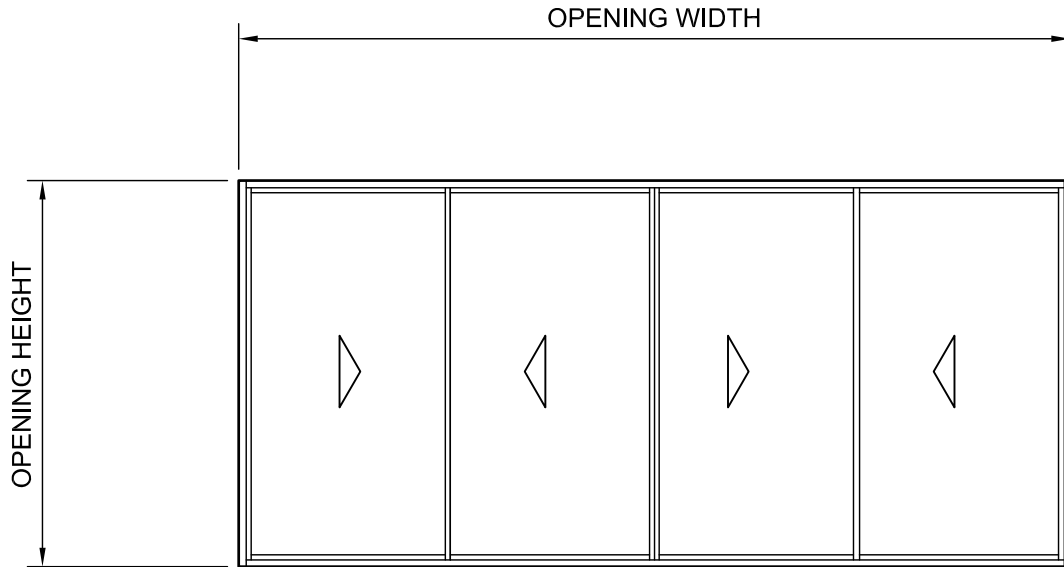
<b>CUTTING FORMULA</b>				
<b>PROFILE</b>	<b>SECTION No.</b>	<b>DESCRIPTION</b>	<b>CUTTING FORMULA</b>	<b>QTY</b>
	VS001	HEAD	OPENING WIDTH - 5mm	1
	VS021	TOP & BOTTOM RAIL	OPENING WIDTH / 2 - 35mm	4
	VS002	LIPPED SILL	OPENING WIDTH - 5mm	1
	VS020	STILE	OPENING HEIGHT - 45mm	4
	VS003	JAMB	OPENING HEIGHT	2
GLASS SIZES 2 OFF FRAME HEIGHT - 81mm FRAME WIDTH / 2 - 19mm				

**CUTTING FORMULA - THREE PANEL**








<b>CUTTING FORMULA</b>				
<b>PROFILE</b>	<b>SECTION No.</b>	<b>DESCRIPTION</b>	<b>CUTTING FORMULA</b>	<b>QTY</b>
	VS001	HEAD	OPENING WIDTH - 5mm	1
	VS021	TOP & BOTTOM RAIL	OPENING WIDTH / 3 - 31mm	6
	VS002	LIPPED SILL	OPENING WIDTH - 5mm	1
	VS020	STILE	OPENING HEIGHT - 45mm	6
	VS003	JAMB	OPENING HEIGHT	2
GLASS SIZES 3 OFF FRAME HEIGHT - 81mm FRAME WIDTH / 3 - 15mm				

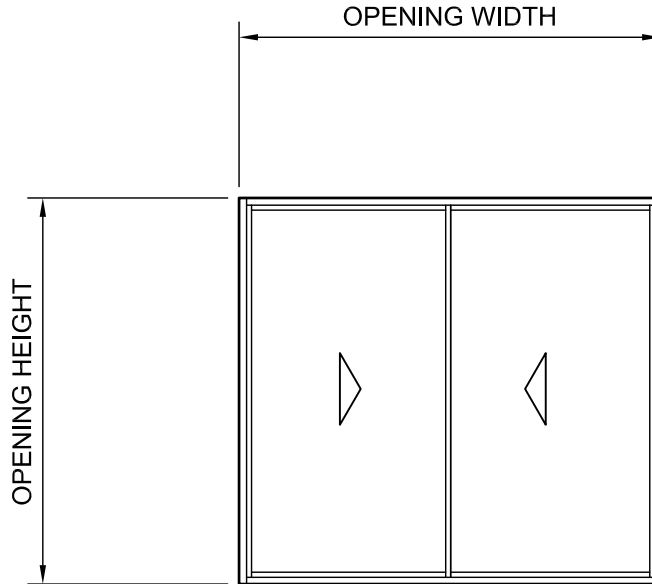
**CUTTING FORMULA - FOUR PANEL**



**2/2/2**

<b>CUTTING FORMULA</b>				
<b>PROFILE</b>	<b>SECTION No.</b>	<b>DESCRIPTION</b>	<b>CUTTING FORMULA</b>	<b>QTY</b>
	VS001	HEAD	OPENING WIDTH - 5mm	1
	VS021	TOP & BOTTOM RAIL	OPENING WIDTH / 4 - 34mm	8
	VS002	LIPPED SILL	OPENING WIDTH - 5mm	1
	VS020	STILE	OPENING HEIGHT - 45mm	8
	VS003	JAMB	OPENING HEIGHT	2
GLASS SIZES 4 OFF FRAME HEIGHT - 81mm FRAME WIDTH / 4 - 18mm				

**CUTTING FORMULA - SEMI FRAMELESS DOUBLE SLIDE**

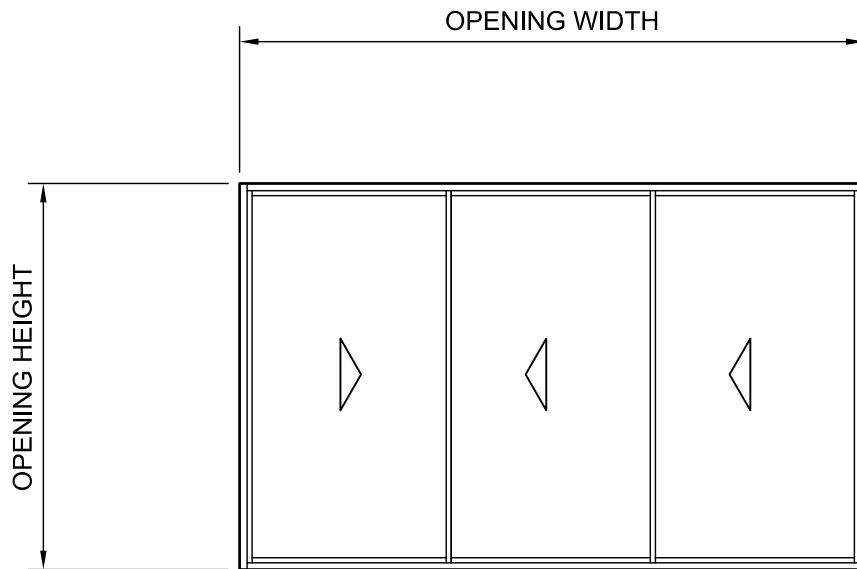


**2SF/1/1**

<b>CUTTING FORMULA</b>				
<b>PROFILE</b>	<b>SECTION No.</b>	<b>DESCRIPTION</b>	<b>CUTTING FORMULA</b>	<b>QTY</b>
	VS001	HEAD	OPENING WIDTH - 5mm	1
	VS024	TOP & BOTTOM RAIL	OPENING WIDTH / 2 - 41mm	4
	VS002	LIPPED SILL	OPENING WIDTH - 5mm	1
	VS023	STILE	OPENING HEIGHT - 45mm	4
	VS003	JAMB	OPENING HEIGHT	2
GLASS SIZES 2 OFF FRAME HEIGHT - 57mm FRAME WIDTH / 2 - 13mm				



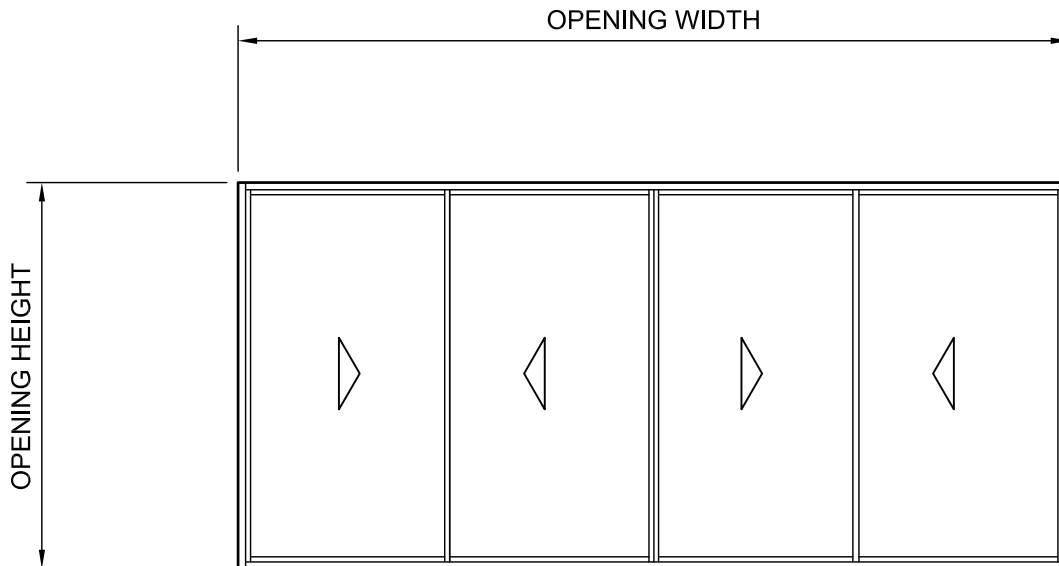
**CUTTING FORMULA - SEMI FRAMELESS THREE PANEL**



**2SF/1/2**

<b>CUTTING FORMULA</b>				
<b>PROFILE</b>	<b>SECTION No.</b>	<b>DESCRIPTION</b>	<b>CUTTING FORMULA</b>	<b>QTY</b>
	VS001	HEAD	OPENING WIDTH - 5mm	1
	VS024	TOP & BOTTOM RAIL	OPENING WIDTH / 3 - 37mm	6
	VS002	LIPPED SILL	OPENING WIDTH - 5mm	1
	VS023	STILE	OPENING HEIGHT - 45mm	6
	VS003	JAMB	OPENING HEIGHT	2
GLASS SIZES 3 OFF FRAME HEIGHT - 57mm FRAME WIDTH / 3 - 9mm				

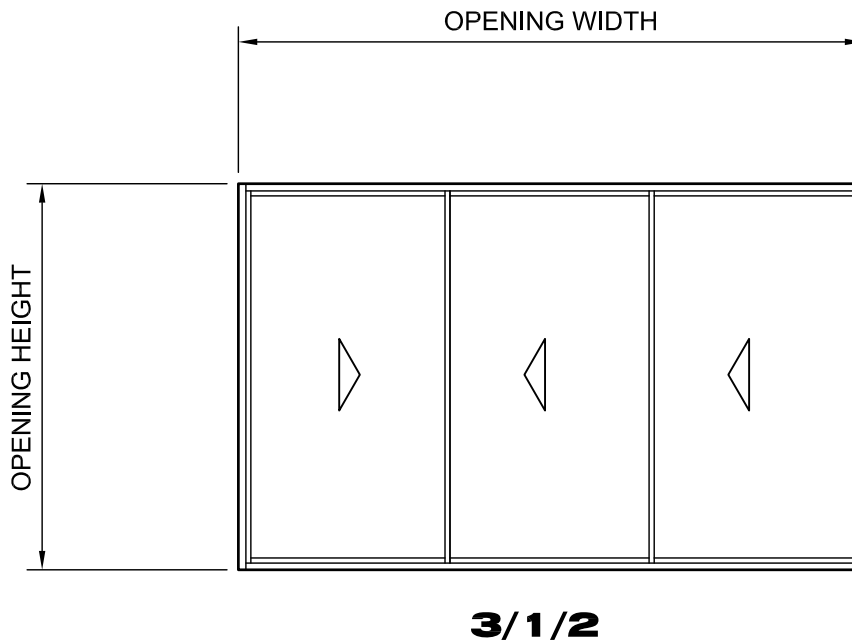
**CUTTING FORMULA - SEMI FRAMELESS FOUR PANEL**








**2SF/2/2**

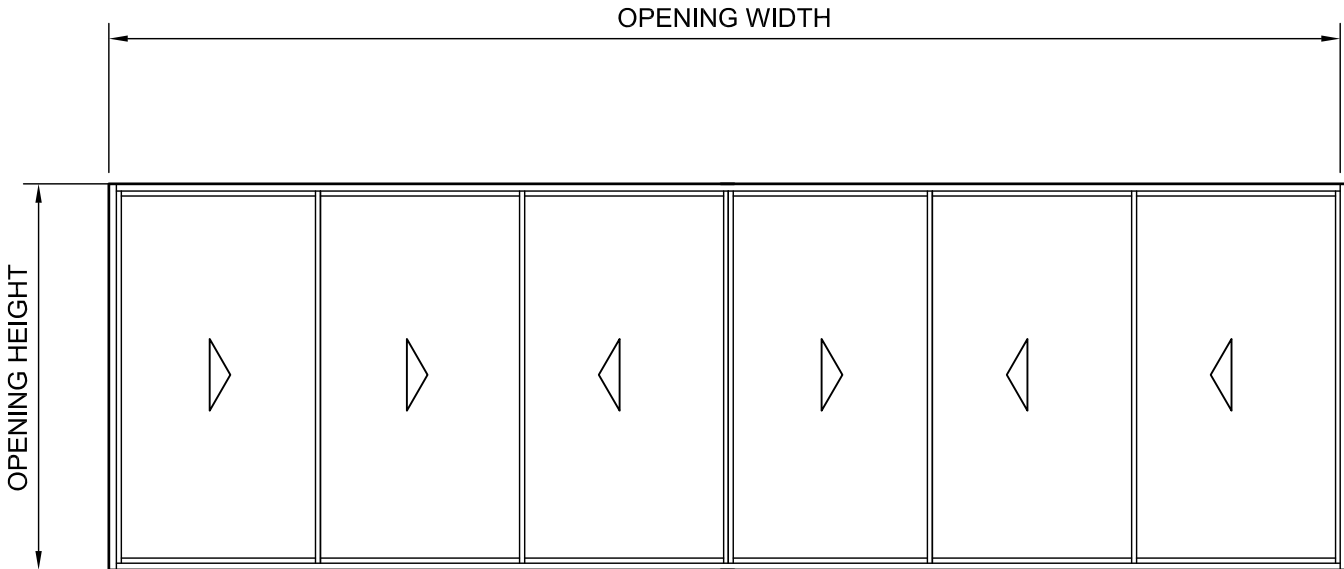
<b>CUTTING FORMULA</b>				
<b>PROFILE</b>	<b>SECTION No.</b>	<b>DESCRIPTION</b>	<b>CUTTING FORMULA</b>	<b>QTY</b>
	VS001	HEAD	OPENING WIDTH - 5mm	1
	VS024	TOP & BOTTOM RAIL	OPENING WIDTH / 4 - 35mm	8
	VS002	LIPPED SILL	OPENING WIDTH - 5mm	1
	VS023	STILE	OPENING HEIGHT - 45mm	8
	VS003	JAMB	OPENING HEIGHT	2
GLASS SIZES 4 OFF FRAME HEIGHT - 57mm FRAME WIDTH / 4 - 7mm				

**CUTTING FORMULA - TRIPLE TRACK**

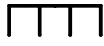






<b>CUTTING FORMULA</b>				
<b>PROFILE</b>	<b>SECTION No.</b>	<b>DESCRIPTION</b>	<b>CUTTING FORMULA</b>	<b>QTY</b>
	VS010	TRIPLE HEAD	OPENING WIDTH - 5mm	1
	VS021	TOP & BOTTOM RAIL	OPENING WIDTH / 3 - 31mm	6
	VS011	LIPPED TRIPLE SILL	OPENING WIDTH - 5mm	1
	VS020	STILE	OPENING HEIGHT - 45mm	6
	VS012	TRIPLE JAMB	OPENING HEIGHT	2
GLASS SIZES 3 OFF FRAME HEIGHT - 81mm FRAME WIDTH / 3 - 15mm				

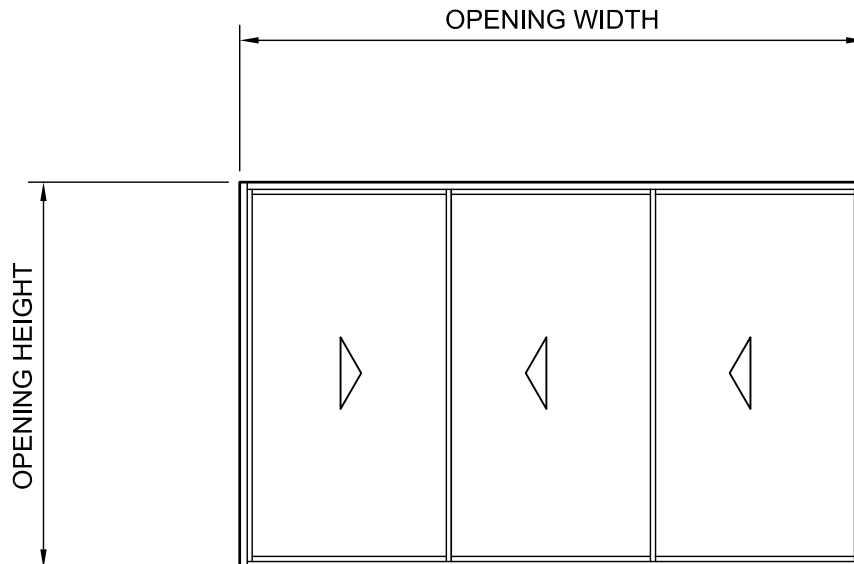
**CUTTING FORMULA - TRIPLE TRACK BI-PART**



**3/3/3**

<b>CUTTING FORMULA</b>				
<b>PROFILE</b>	<b>SECTION No.</b>	<b>DESCRIPTION</b>	<b>CUTTING FORMULA</b>	<b>QTY</b>
	VS010	TRIPLE HEAD	OPENING WIDTH - 5mm	1
	VS021	TOP & BOTTOM RAIL	OPENING WIDTH / 6 - 30mm	12
	VS011	LIPPED TRIPLE SILL	OPENING WIDTH - 5mm	1
	VS020	STILE	OPENING HEIGHT - 45mm	12
	VS012	TRIPLE JAMB	OPENING HEIGHT	2
GLASS SIZES 6 OFF FRAME HEIGHT - 81mm FRAME WIDTH / 6 - 14mm				

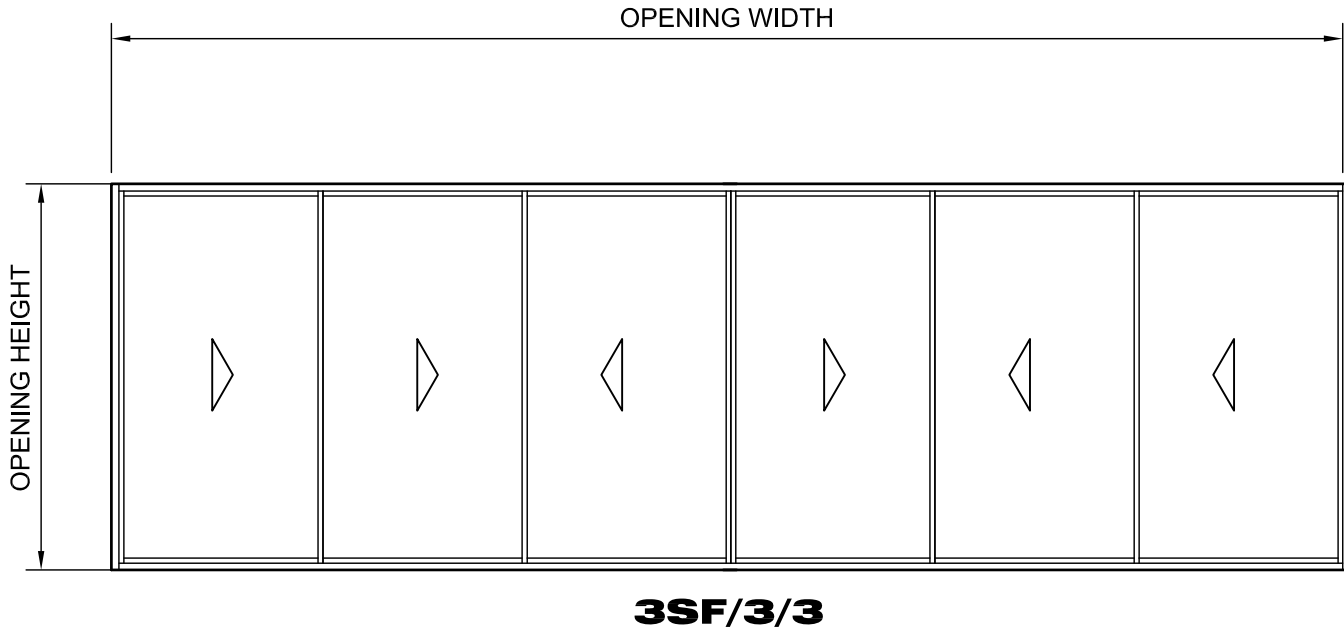
**CUTTING FORMULA - SEMI FRAMELESS TRIPLE TRACK**



**3SF/1/2**

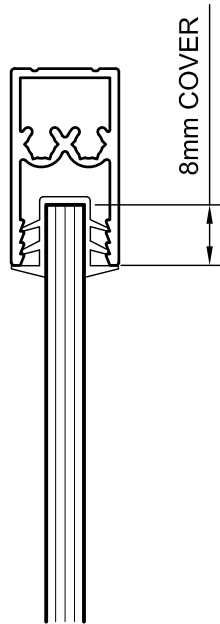
<b>CUTTING FORMULA</b>				
<b>PROFILE</b>	<b>SECTION No.</b>	<b>DESCRIPTION</b>	<b>CUTTING FORMULA</b>	<b>QTY</b>
	VS010	TRIPLE HEAD	OPENING WIDTH - 5mm	1
	VS024	TOP & BOTTOM RAIL	OPENING WIDTH / 3 - 37mm	6
	VS011	LIPPED TRIPLE SILL	OPENING WIDTH - 5mm	1
	VS023	STILE	OPENING HEIGHT - 45mm	6
	VS012	TRIPLE JAMB	OPENING HEIGHT	2
GLASS SIZES 3 OFF FRAME HEIGHT - 57mm FRAME WIDTH / 3 - 9mm				

**CUTTING FORMULA - SEMI FRAMELESS TRIPLE TRACK BI-PART**



<b>CUTTING FORMULA</b>				
<b>PROFILE</b>	<b>SECTION No.</b>	<b>DESCRIPTION</b>	<b>CUTTING FORMULA</b>	<b>QTY</b>
	VS010	TRIPLE HEAD	OPENING WIDTH - 5mm	1
	VS024	TOP & BOTTOM RAIL	OPENING WIDTH / 6 - 36mm	12
	VS011	LIPPED TRIPLE SILL	OPENING WIDTH - 5mm	1
	VS023	STILE	OPENING HEIGHT - 45mm	12
	VS012	TRIPLE JAMB	OPENING HEIGHT	2
GLASS SIZES 6 OFF FRAME HEIGHT - 57mm FRAME WIDTH / 8				

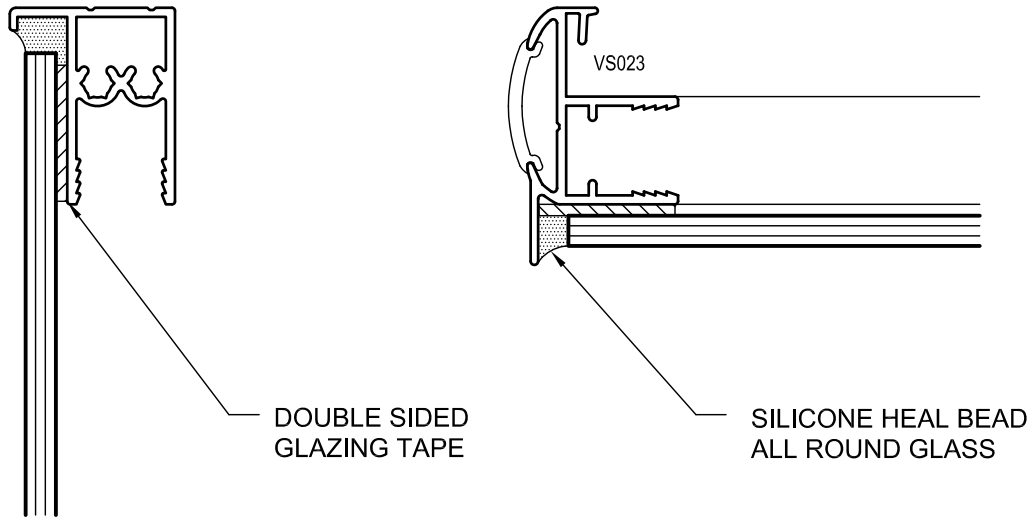
**STANDARD GLAZING DETAILS - STANDARD**



4mm MIRROR	
GLAZING CHANNEL	ALSPEC CODE
WHITE	335105
ALMOND IVORY	335106
CLEAR	335107
GREY	335108
BLACK	335109

9mm BOARD	
GLAZING CHANNEL	ALSPEC CODE
WHITE	335110
ALMOND IVORY	335111
CLEAR	335112
GREY	335113
BLACK	335114

**STANDARD GLAZING DETAILS - SEMI FRAMELESS**



GLASS THICKNESS	DOUBLE SIDED TAPE	ALSPEC CODE
4mm	18 x 0.8 x 66m	335061
4mm	18 x 0.8 x 25m	335067

**IMPORTANT NOTE !**

THE GLAZING TAPE AND SILICONE COMBINATION ABOVE IS RECOMMENDED BY OUR TAPE SUPPLIER FOR GENERAL APPLICATIONS FOR VINYL BACKED WARDROBE DOORS.

THERE ARE A NUMBER OF SUPPLIERS OF VINYL BACKED MIRROR ON THE MARKET AND SOME OF THESE HAVE A WEAK BOND BETWEEN THE MIRROR AND THE VINYL. THEREFORE IT IS THE FABRICATORS RESPONSIBILITY TO VERIFY TAPE AND SILICONE COMPATIBILITY WITH THEIR INDIVIDUAL SUPPLIER OF VINYL BACKED MIRROR



# ALSPEC ALUMINIUM SYSTEMS

## TECHNICAL MANUAL

# VERSASTYLE™

### Section 4.0

## CARE AND MAINTENANCE

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### PERIMETER FRAMING

Your new **VERSASTYLE WARDROBE DOORS** have been manufactured using the highest quality materials available to the home improvement industry. The frame being constructed from Architectural Grade Aluminium is highly corrosion resistant and exceptionally strong. With a moderate amount of maintenance, the **VERSASTYLE WARDROBE DOOR** will retain it's good looks for years to come.

**VERSASTYLE WARDROBE DOOR** systems are the product of extended development and designed to resist corrosion and tarnishing, but with all fixtures in your home they require some maintenance to keep them looking good and performing well.

Your **VERSASTYLE WARDROBE DOOR** system should only ever need to be washed down with a soft cloth using warm water and a mild detergent. Rinse well with fresh warm water and dry. Strong detergents and abrasive cleaners should never be used to clean your **VERSASTYLE WARDROBE DOOR** as these may scratch or damage the surface.

Your new **VERSASTYLE WARDROBE DOOR** system uses the Alspec Wardrobe Door rollers which do not require any form of lubrication of the bearing or the track surface as it will impede the product's function.

When installing your new **VERASTYLE WARDROBE DOOR** panels, ensure that the door is gradually lowered onto the track rather than dropped.

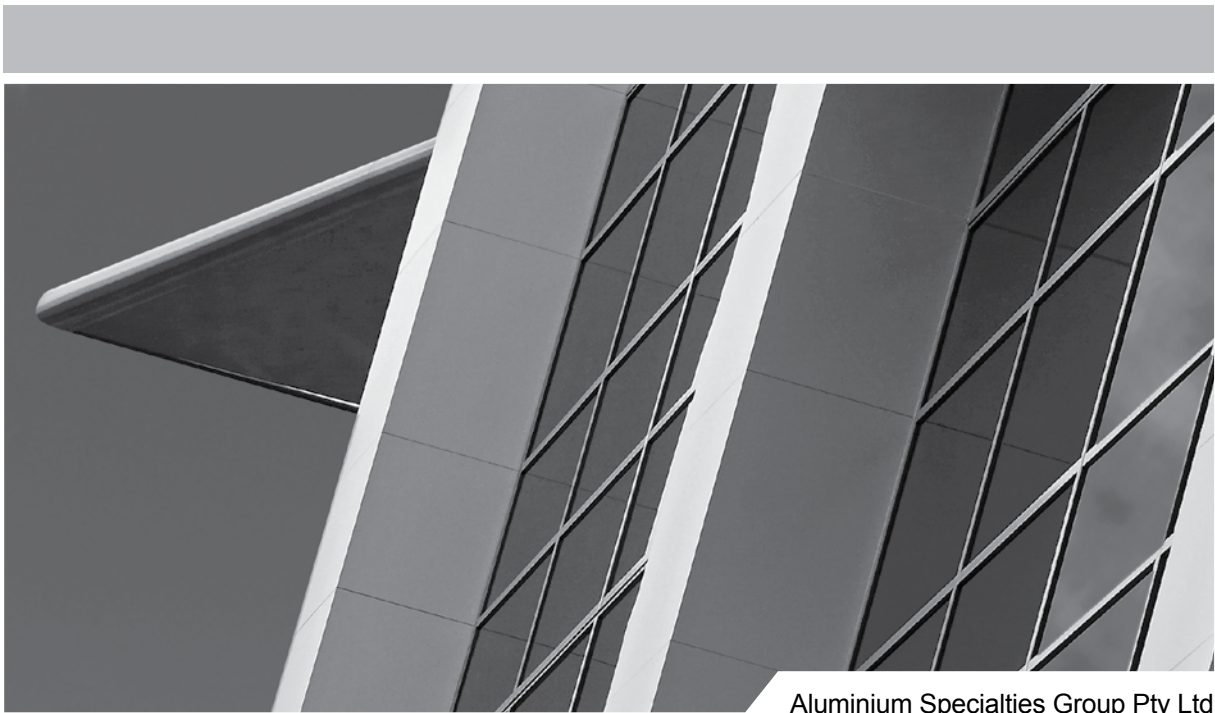
This product is not suitable for transporting the door across any surface, other than the specified aluminium track.

Your Alspec Wardrobe Door rollers feature adjustment under load. A positive clockwise turn will adjust the height of the roller. Please note a No. 2 Phillips head screwdriver is recommended for adjustment. Proper adjustment will minimize damage from slamming and ensure the door is properly guided.

Ensure the weight of the door does not exceed 50kg.

During storage, your Alspec Wardrobe Door rollers should be kept clean and in sealed containers.





Aluminium Specialties Group Pty Ltd

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VERSASTYLE

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SPECIALISTS

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