

Trend Aluminium[®]

Bifold Doors

TECHNICAL DATA

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Features & Benefits

Trend® Bifold Doors

1 Energy Efficiency Options

Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 3.4 and SHGC 0.36 are available for Trend® Bifold door.

2 Acoustic options

SoundMizer® acoustic solutions in various STC ratings, are available to STC 35 for Trend® Bifold door. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems.

For information or technical details contact Trend®.

3 Door Hardware

Stainless steel hardware is provided as standard. Door hardware, hinges and drop bolts are available in three finishes, stainless steel, gold and black powder coat.

4 Safety Glazing

Toughened Safety A Grade Glass with a visual motif at the mid point to provide added safety. Laminated Glass is used in all non standard door sizes.

Double Glazing is available for energy efficiency requirements.

5 Frames

The weight of the bifold doors must be considered in the structural beam calculation of the overall structure. The bifold door and frame are not structural elements and the head of the frame should be attached to the structural beam.

Maximum Frame Height is 2700mm
Maximum Frame Width is 6062mm
Maximum Door Leaf Size is 870mm
Maximum Weight in one direction is 180kg

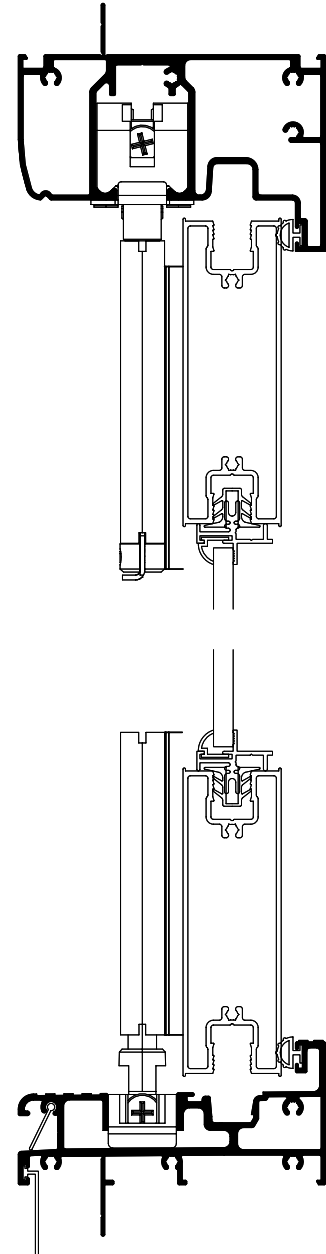
6 Protective Wrapping

Protective wrapping for delivery to site is an option for all Trend® products.

7 Options

Wide range of powdercoat finishes including Timber finishes available.

NOTE: Available open out only.
























Please note that drawings are not to scale

Trend® Bifold Doors | ABF | Mk-4 | 1 Jul 2009

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Size Range























Trend® Bifold Doors

STUD OPENING DOOR		FRAME WIDTH + 56mm				
		Frame Width	Leaf Directions	Leaf #	Door Code	
2165 STANDARD HEIGHT FRAME HEIGHT + 56mm 2700MAX. HEIGHT	 2 PANELS 1800 MAX. WIDTH	1388		2L	ABF2214/2L ABF2216/2L ABF2218/2L	
		1588		2R	ABF2214/2R ABF2216/2R ABF2218/2R	
		1788				
	 3 PANELS 2700 MAX. WIDTH	2043		3L	ABF2220/3L ABF2223/3L ABF2226/3L	
		2343		3R	ABF2220/3R ABF2223/3R ABF2226/3R	
		2046		2L 1R	ABF2220/2L1R ABF2223/2L1R ABF2226/2L1R	
				1L 2R	ABF2220/1L2R ABF2223/1L2R ABF2226/1L2R	
		 4 PANELS 3500 MAX. WIDTH	2700		3L 1R	ABF2227/3L1R ABF2231/3L1R ABF2235/3L1R
			3100		1L 3R	ABF2227/1L3R ABF2231/1L3R ABF2235/1L3R
	2696			2L 2R	ABF2227/2L2R ABF2231/2L2R ABF2235/2L2R	
		3096		4L	ABF2227/4L ABF2231/4L ABF2235/4L	
		3496		4R	ABF2227/4R AB2231/4R ABF2235/4R	
	 5 PANELS 4400 MAX. WIDTH	3350		5L	ABF2234/5L ABF2239/5L ABF2244/5L	
		3860		5R	ABF2234/5R ABF2239/5R ABF2244/5R	
		3360		4L 1R	ABF2234/4L1R ABF2239/4L1R ABF2244/4L1R	
			1L 4R	ABF2234/1L4R ABF2239/1L4R ABF2244/1L4R		
3355			3L 2R	ABF2234/3L2R ABF2239/3L2R ABF2244/3L2R		
		3855		2L 3R	ABF2234/2L3R ABF2239/2L3R ABF2244/2L3R	
		4355				

All windows and doors are designed to 700pa velocity and 150pa water rating. For higher ratings consult Trend® Windows & Doors

Size Range

Trend® Bifold Doors

STUD OPENING		DOOR		FRAME WIDTH + 56mm	Frame Width	Leaf Directions	Leaf #	Door Code				
FRAME HEIGHT + 56mm	2165 STANDARD HEIGHT	2700 MAX. HEIGHT	 6 PANELS 5300 MAX. WIDTH	 6 PANELS 5300 MAX. WIDTH	4002		6L	ABF2240/6L ABF2246/6L ABF2252/6L				
					4602		6R	ABF2240/6R ABF2246/6R ABF2252/6R				
					5202		4L 2R	ABF2240/4L2R ABF2246/4L2R ABF2252/4L2R				
							2L 4R	ABF2240/2L4R ABF2246/2L4R ABF2252/2L4R				
					2165 STANDARD HEIGHT	2700 MAX. HEIGHT	 7 PANELS 6065 MAX. WIDTH	 7 PANELS 6065 MAX. WIDTH	4008		3L 3R	ABF2240/3L3R ABF2246/3L3R ABF2252/3L3R
									4608		5L 1R	ABF2240/5L1R ABF2246/5L1R ABF2252/5L1R
									5208		1L 5R	ABF2240/1L5R ABF2246/1L5R ABF2252/1L5R
										4653		7L
									5353		7R	ABF2247/7R ABF2253/7R ABF2261/7R
	6053		7R	ABF2247/7R ABF2253/7R ABF2261/7R								
	2165 STANDARD HEIGHT	2700 MAX. HEIGHT	 7 PANELS 6065 MAX. WIDTH	 7 PANELS 6065 MAX. WIDTH					4662		5L 2R	ABF2247/5L2R ABF2254/5L2R ABF2261/5L2R
									5362		2L 5R	ABF2247/2L5R ABF2254/2L5R ABF2261/2L5R
											4L 3R	ABF2247/4L3R ABF2254/4L3R ABF2261/4L3R
					6062		3L 4R	ABF2247/3L4R ABF2254/3L4R ABF2261/3L4R				
							1L 6R	ABF2247/1L6R ABF2254/1L6R ABF2261/1L6R				
					6062		6L 1R	ABF2247/6L1R ABF2254/6L1R ABF2261/6L1R				

All windows and doors are designed to 700pa velocity and 150pa water rating. For higher ratings consult Trend® Windows & Doors

Please note that drawings are not to scale

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Ordering Details

Trend® Bifold Doors

All doors are illustrated as viewed from outside. Codes shown are for plain doors.

The first two numbers of code indicate approximate height, the last two numbers indicate approximate width.

Sash Style Options:

Standard option, eg door code ABF2214/2L

O indicates ovolo sash style, eg door code AOBF2214/2LCL

T indicates Thermashield® double glazed sash style, eg door code ATBF2214/2L

M indicates Acoustic sash style (SoundMizer®), eg door code AMBF2214/2L

Bar Options:

CL indicates Colonial Bar, eg door code ABF2214/2LCL

FED indicates Federation Bar, eg door code ABF2214/2LFED

Configuration Options:

Configuration is shown at the end of the code, eg door code ABF2220/1L2R (1Left, 2Right)

Note:

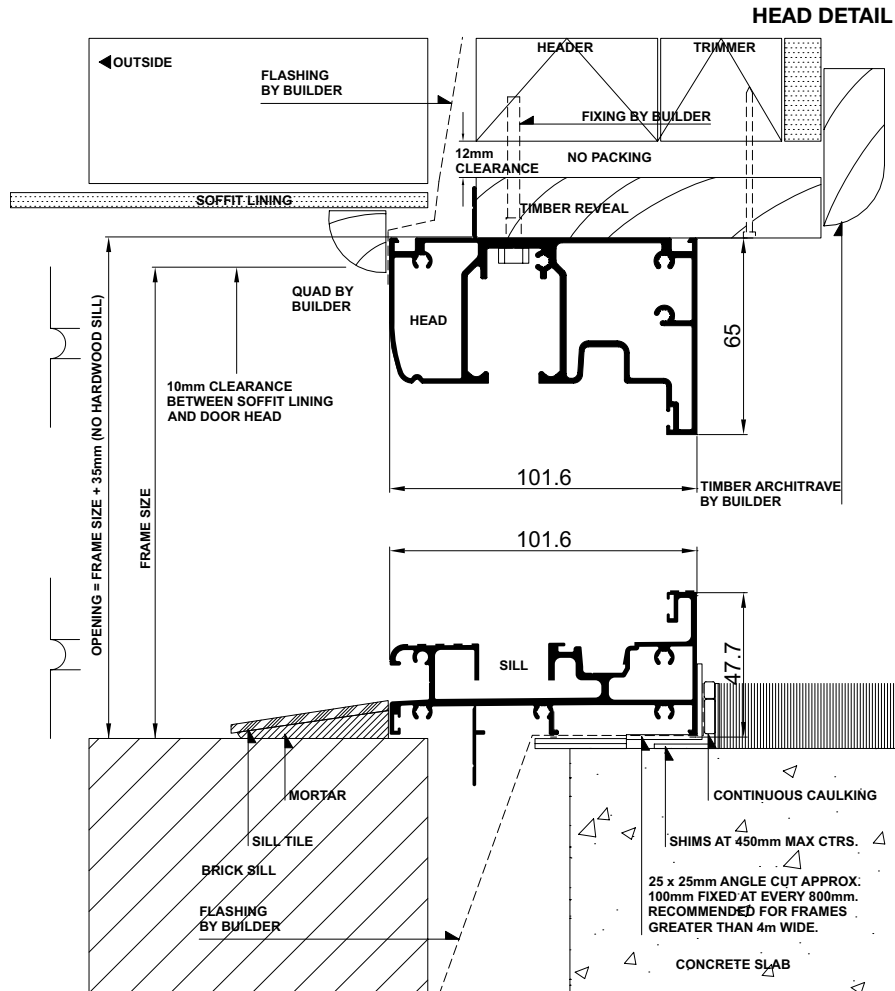
The weight of the bifold doors must be considered in the structural beam calculation of the overall structure.

The bifold door and frame are not structural elements and the head of the frame should be attached to the structural beam.

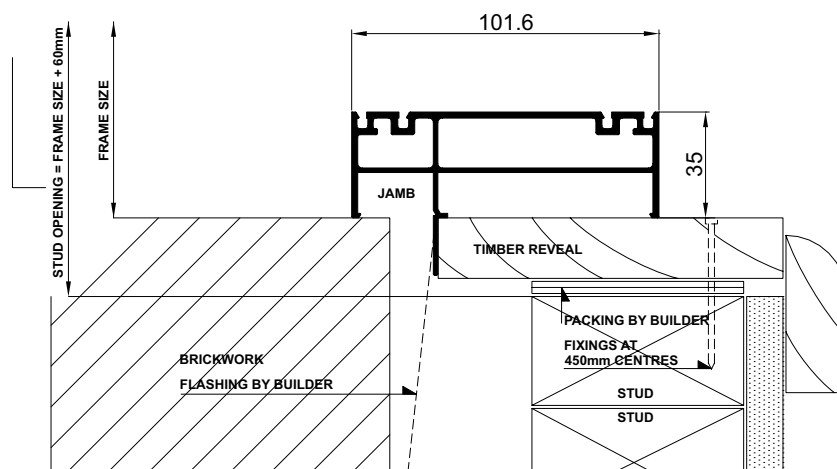
Available open out only.
 Maximum frame height 2400mm
 Maximum door leaf size 870mm
 Maximum weight in one direction 180kg
 Maximum width size is 6.065 metres
 Maximum width of 6 Panel is 5300mm
 Maximum width of 7 Panel is 6065mm

Installation

Trend® Bifold Doors | Building In Detail | **Brick Veneer - 230mm wall**



SILL DETAIL



JAMB DETAIL

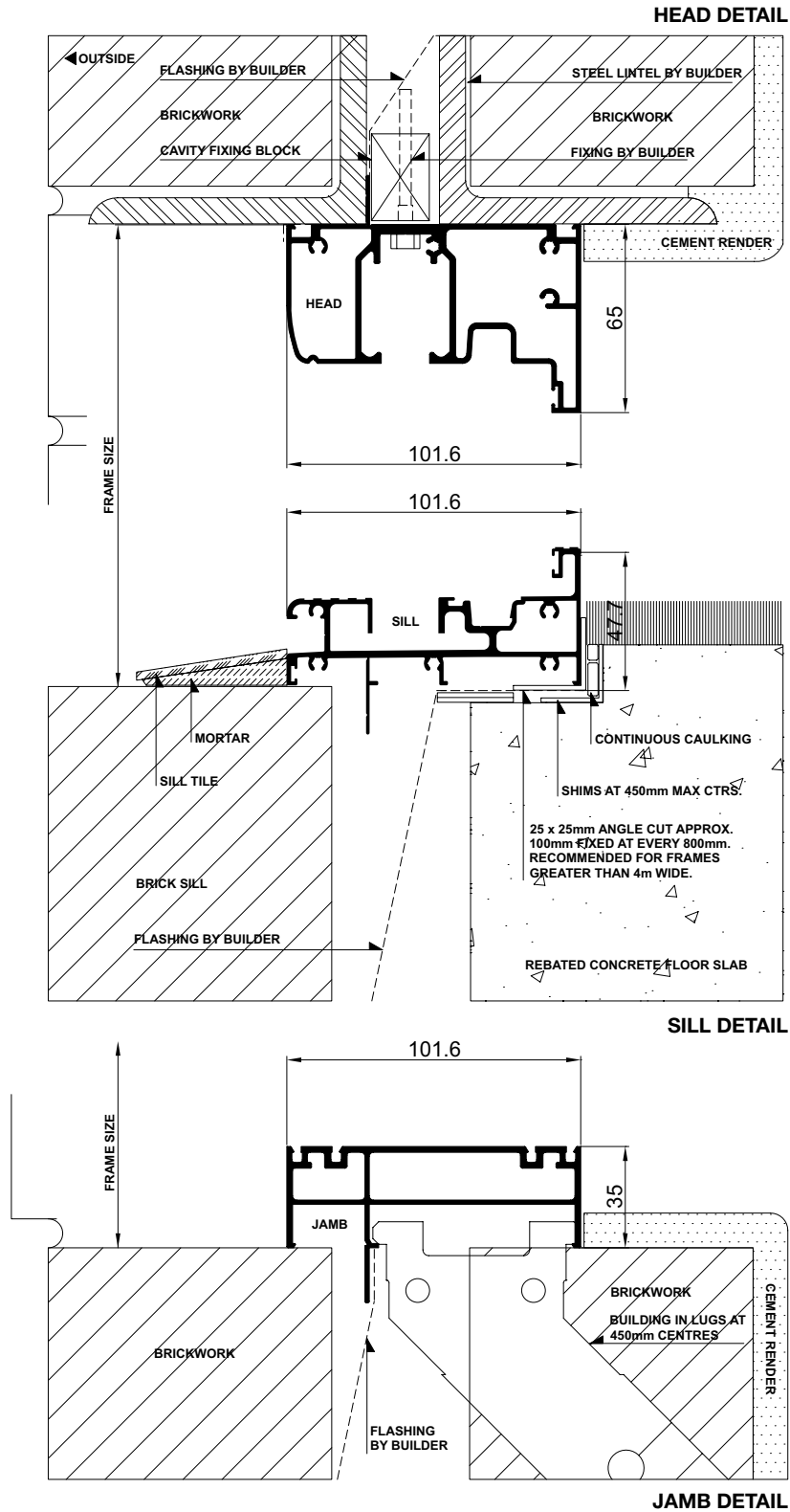
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Installation

Trend® Bifold Doors | Building In Detail | **Double Brick - 280mm wall**

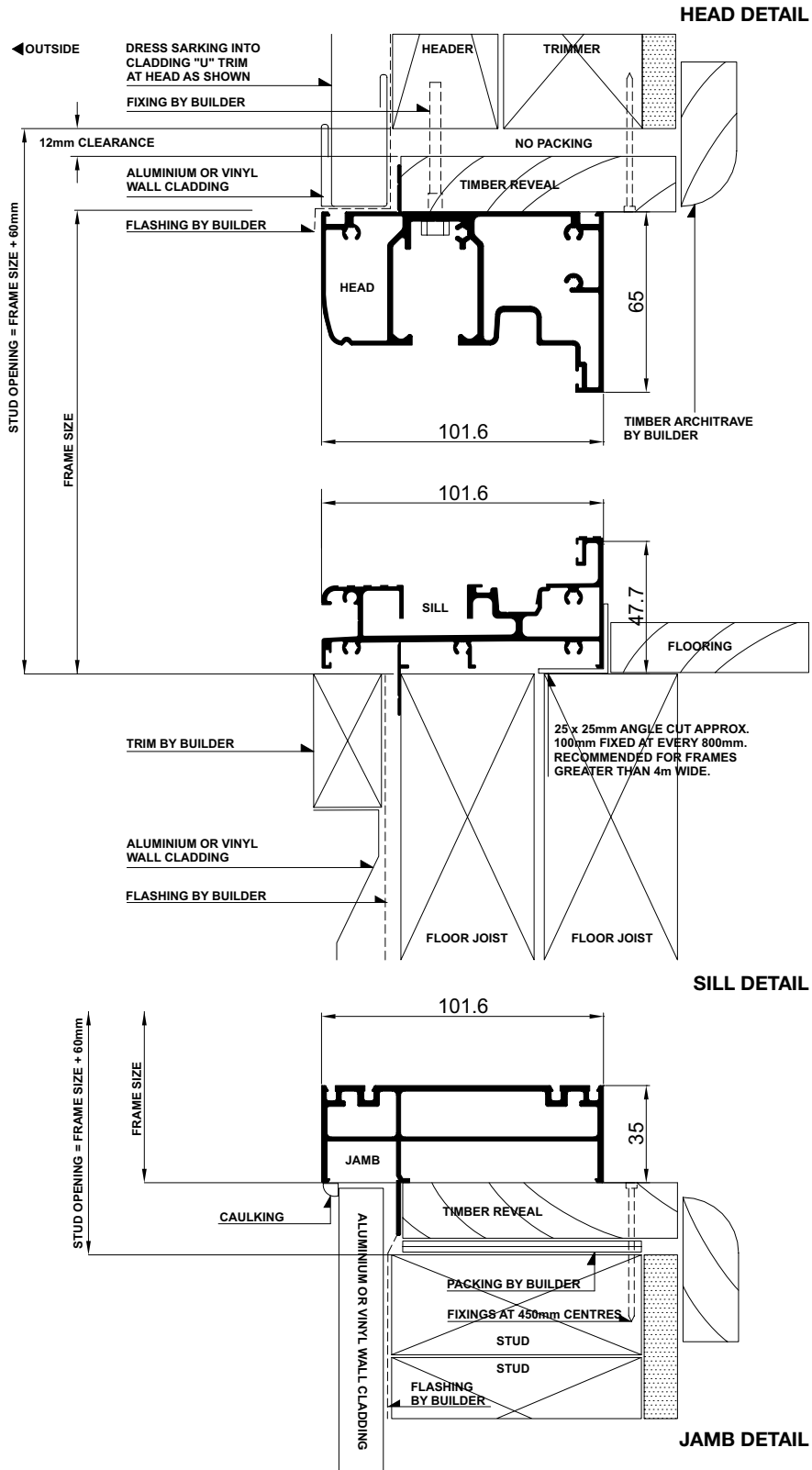


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Installation

Trend® Bifold Doors | Building In Detail | **Aluminium Cladding on Studs**



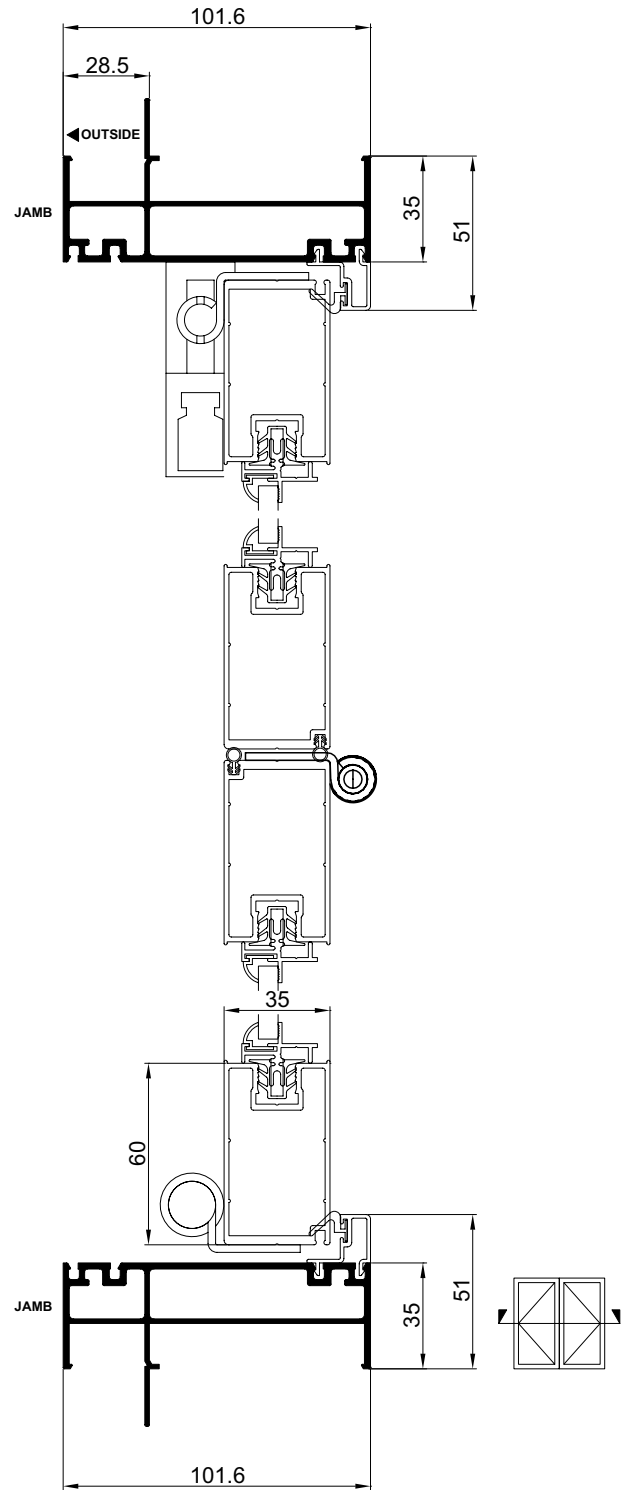
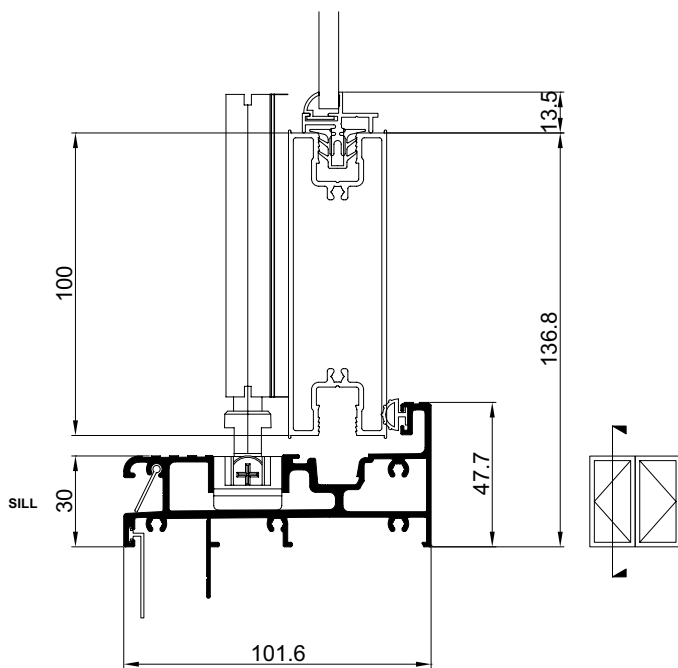
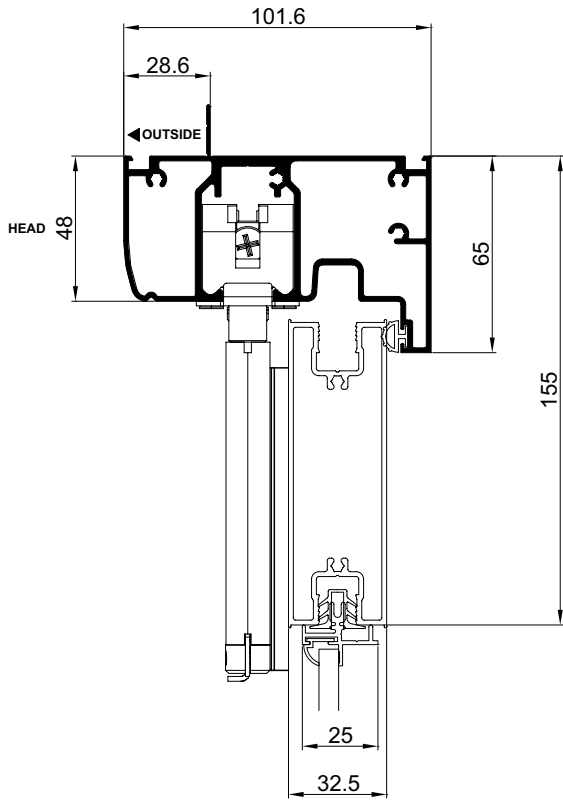
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Cross Sectional Views

Trend® Bifold Doors | **Two Lite**

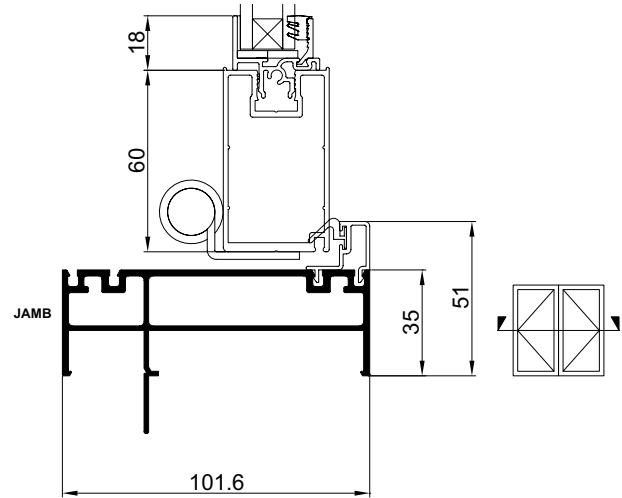
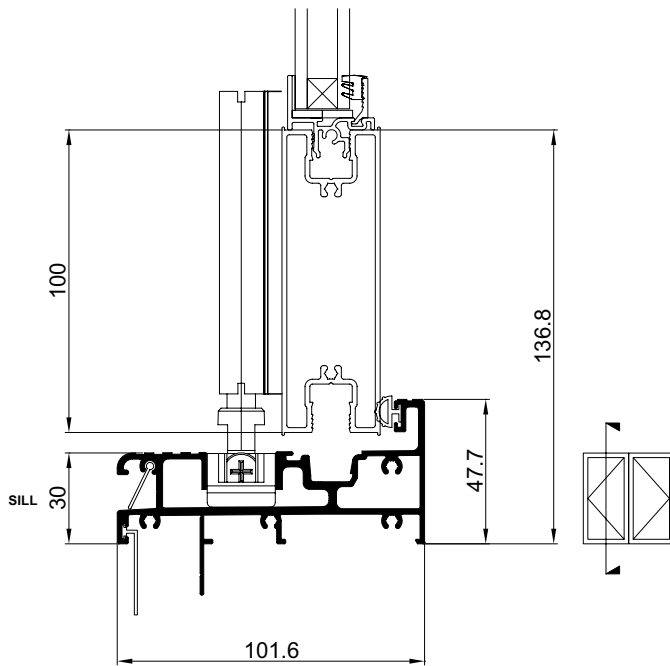
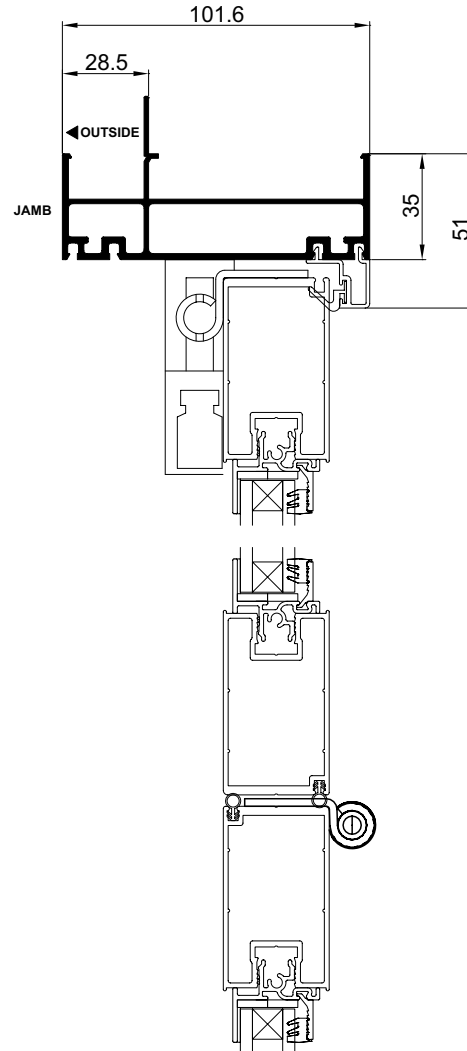
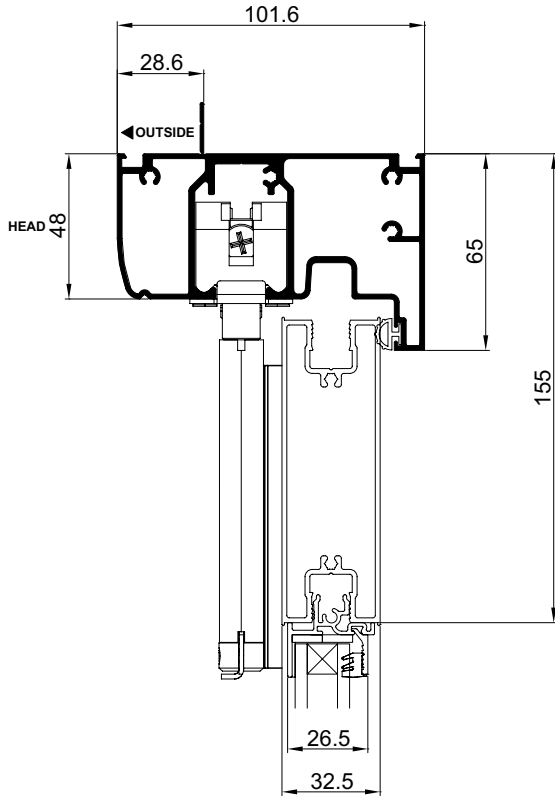


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Cross Sectional Views

Trend® Bifold Doors | **Double Glazed**

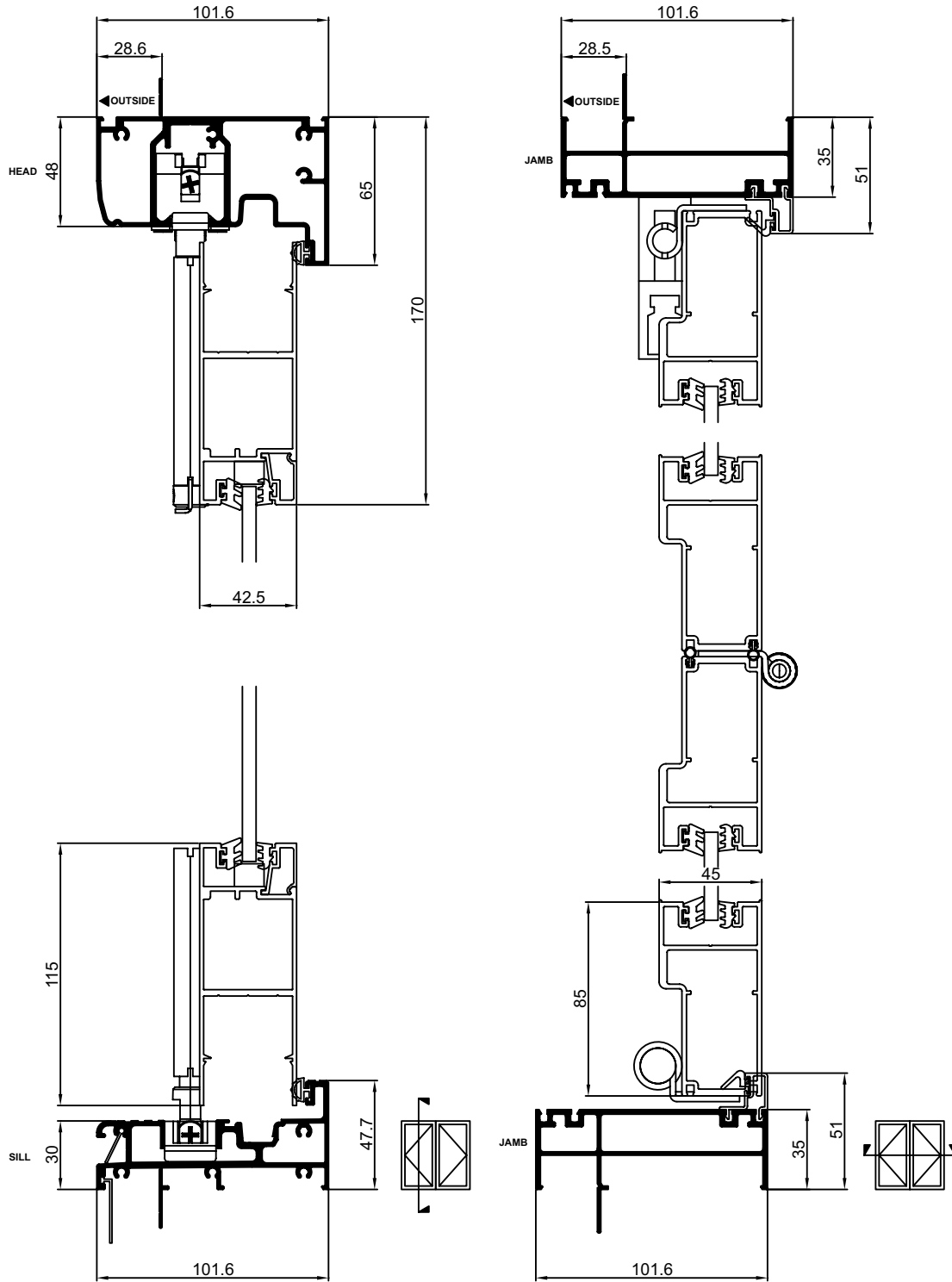


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Cross Sectional Views

Trend® Bifold Doors | **Heavy Duty**



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