

Xtreme<sup>®</sup> Aluminium

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# Bifold Doors

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Please note that drawings are not to scale

**Xtreme<sup>®</sup> Bifold Doors | ABF-E | Mk 6 | 26 Oct 2009**

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# Features & Benefits

## Xtreme® Bifold Doors

**\*Xtreme® Windows & Doors have been tested to AS1530.8.1 (2007), and comply to Section 8 Construction Service Bushfire Attack Level 40 (BAL-40), Radiant Heat Level 40kW/m<sup>2</sup>, AS3959 (2009). For full details of Standards requirements for individual products please refer to Trend Windows & Doors Technical Department.**

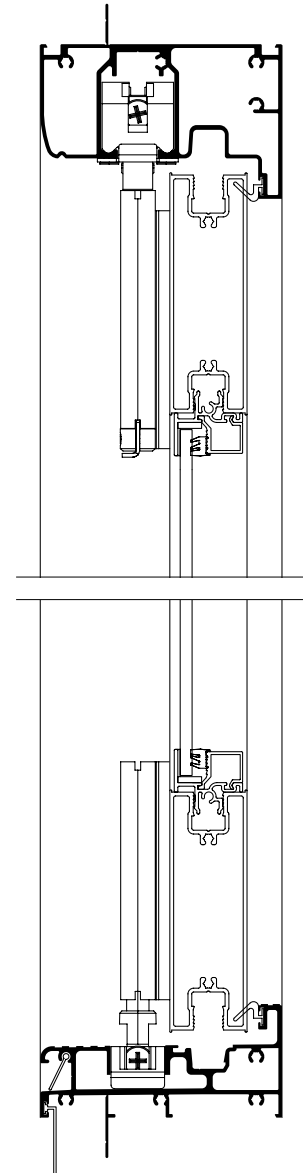
- 1 **Bushfire Features**  
Xtreme® Bushfire Windows & Doors have been tested to withstand temperatures up to 40kW/m<sup>2</sup> without failure from either the glazing or from the window system itself, to help prevent internal ignition of houses and loss of precious possessions.
- 2 **Xtreme® Bushfire Windows & Doors System**  
Features include Pyro-Protect™ Sealing Systems acting to protect the home against wind, water, noise dust and bushfire penetration. Trend® has developed the technologically advanced system with Pyro-Protect™ glazing seal system with 6mm standard toughened glass to produce Xtreme® Bifold Doors.
- 3 **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 4.0 and SHGC 0.52 are available for Trend® Xtreme® Bifold Door.
- 4 **Acoustic options**  
SoundMizer® acoustic solutions in various STC ratings, are available to STC 26 for Trend® Xtreme® Bifold Door. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 5 **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.
- 6 **Safety Glazing**  
Toughened 6mm Safety A Grade Glass with a visual motif at the mid point to provide added safety. Double Glazing is available for energy efficiency requirements.

- 7 **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 2400mm  
Maximum Frame Width is 6065mm  
Maximum Door Leaf Size is 870mm  
Maximum Weight in one direction is 180kg**

- 8 **Protective Wrapping**  
Protective wrapping for delivery to site is standard for all Xtreme® products.
- 9 **Options**  
Wide range of powdercoat finishes including Timber finishes available.

**NOTE: Available open out only.**























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# Size Range

Xtreme® Bifold Doors

STUD OPENING DOOR		FRAME WIDTH + 56mm					
FRAME HEIGHT + 56mm				Frame Width	Leaf Directions	Leaf #	Door Code
				2165 STANDARD HEIGHT 2400 MAX. HEIGHT		2 PANELS 1800 MAX. WIDTH	
1588		2R	ABF2214/2R E ABF2216/2R E ABF2218/2R E				
2165 STANDARD HEIGHT 2400 MAX. HEIGHT		3 PANELS 2700 MAX. WIDTH		2043		3L	ABF2220/3L E ABF2223/3L E ABF2226/3L E
				2343		3R	ABF2220/3R E ABF2223/3R E ABF2226/3R E
2165 STANDARD HEIGHT 2400 MAX. HEIGHT		3 PANELS 2700 MAX. WIDTH		2046		2L 1R	ABF2220/2L 1R E ABF2223/2L 1R E ABF2226/2L 1R E
				2346		1L 2R	ABF2220/1L 2R E ABF2223/1L 2R E ABF2226/1L 2R E
2165 STANDARD HEIGHT 2400 MAX. HEIGHT		4 PANELS 3500 MAX. WIDTH		2700		3L 1R	ABF2227/3L 1R E ABF2231/3L 1R E ABF2235/3L 1R E
				3100		1L 3R	ABF2227/1L 3R E ABF2231/1L 3R E ABF2235/1L 3R E
2165 STANDARD HEIGHT 2400 MAX. HEIGHT		4 PANELS 3500 MAX. WIDTH		3500		2L 2R	ABF2227/2L 2R E ABF2231/2L 2R E ABF2235/2L 2R E
				2696		4L	ABF2227/4L E ABF2231/4L E ABF2235/4L E
2165 STANDARD HEIGHT 2400 MAX. HEIGHT		4 PANELS 3500 MAX. WIDTH		3096		4R	ABF2227/4R E ABF2231/4R E ABF2235/4R E
				3496			
2165 STANDARD HEIGHT 2400 MAX. HEIGHT		5 PANELS 4400 MAX. WIDTH		3350		5L	ABF2234/5L E ABF2239/5L E ABF2244/5L E
				3860		5R	ABF2234/5R E ABF2239/5R E ABF2244/5R E
2165 STANDARD HEIGHT 2400 MAX. HEIGHT		5 PANELS 4400 MAX. WIDTH		4360		4L 1R	ABF2234/4L 1R E ABF2239/4L 1R E ABF2244/4L 1R E
				3360		1L 4R	ABF2234/1L 4R E ABF2239/1L 4R E ABF2244/1L 4R E
2165 STANDARD HEIGHT 2400 MAX. HEIGHT		5 PANELS 4400 MAX. WIDTH		3860			
				4360			
2165 STANDARD HEIGHT 2400 MAX. HEIGHT		5 PANELS 4400 MAX. WIDTH		3355		3L 2R	ABF2234/3L 2R E ABF2239/3L 2R E ABF2244/3L 2R E
				3855		2L 3R	ABF2234/2L 3R E ABF2239/2L 3R E ABF2244/2L 3R E
2165 STANDARD HEIGHT 2400 MAX. HEIGHT		5 PANELS 4400 MAX. WIDTH		4355			

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
























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# Size Range

Xtreme® Bifold Doors

STUD OPENING DOOR		FRAME WIDTH + 56mm			
		Frame Width	Leaf Directions	Leaf #	Door Code
2165 STANDARD HEIGHT 2400 MAX. HEIGHT FRAME HEIGHT + 56mm	 6 PANELS 5300 MAX. WIDTH	4002		6L	ABF2240/6L E ABF2246/6L E ABF2252/6L E
				6R	ABF2240/6R E ABF2246/6R E ABF2252/6R E
				4L 2R	ABF2240/4L2R E ABF2246/4L2R E ABF2252/4L2R E
		4602		2L 4R	ABF2240/2L4R E ABF2246/2L4R E ABF2252/2L4R E
				3L 3R	ABF2240/3L3R E ABF2246/3L3R E ABF2252/3L3R E
				5L 1R	ABF2240/5L1R E ABF2246/5L1R E ABF2252/5L1R E
	4608	4608		1L 5R	ABF2240/1L5R E ABF2246/1L5R E ABF2252/1L5R E
				7L	ABF2247/7L E ABF2253/7L E ABF2261/7L E
				7R	ABF2247/7R E ABF2253/7R E ABF2261/7R E
		5202		5L 2R	ABF2247/5L2R E ABF2254/5L2R E ABF2261/5L2R E
				2L 5R	ABF2247/2L5R E ABF2254/2L5R E ABF2261/2L5R E
				4L 3R	ABF2247/4L3R E ABF2254/4L3R E ABF2261/4L3R E
 7 PANELS 6065 MAX. WIDTH	4662		3L 4R	ABF2247/3L4R E ABF2254/3L4R E ABF2261/3L4R E	
			1L 6R	ABF2247/1L6R E ABF2254/1L6R E ABF2261/1L6R E	
			6L 1R	ABF2247/6L1R E ABF2254/6L1R E ABF2261/6L1R E	
	5362		4L 3R	ABF2247/4L3R E ABF2254/4L3R E ABF2261/4L3R E	
			3L 4R	ABF2247/3L4R E ABF2254/3L4R E ABF2261/3L4R E	
			1L 6R	ABF2247/1L6R E ABF2254/1L6R E ABF2261/1L6R E	
6062		6L 1R	ABF2247/6L1R E ABF2254/6L1R E ABF2261/6L1R E		
		3L 4R	ABF2247/3L4R E ABF2254/3L4R E ABF2261/3L4R E		
		1L 6R	ABF2247/1L6R E ABF2254/1L6R E ABF2261/1L6R E		

All windows and doors are designed to 700pa velocity and 150pa water rating.  
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# Ordering Details

## Xtreme<sup>®</sup> Bifold Doors

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

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

### *Sash Style Options:*

E indicates Xtreme sash style, eg door code ABF2214/2LE

### *Configuration Options:*

Configuration is shown at the end of the code, eg door code ABF2220/1L2RE (1Left, 2Right) Xtreme

## Notes

**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.**

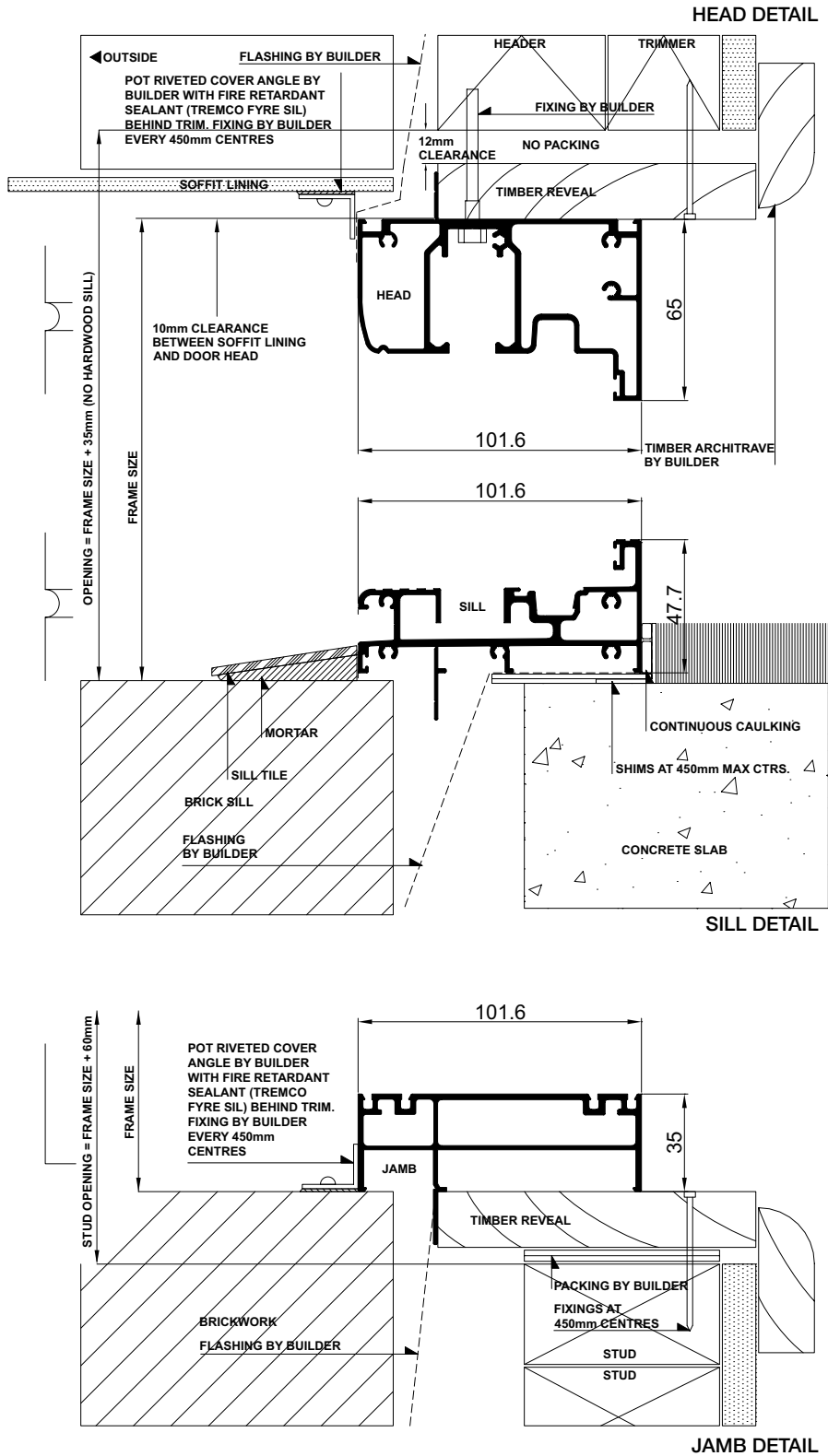
**Max door leaf size 870mm.**

**Max frame width is 6062mm.**

**Max weight in one direction 180kg.**

# Installation

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



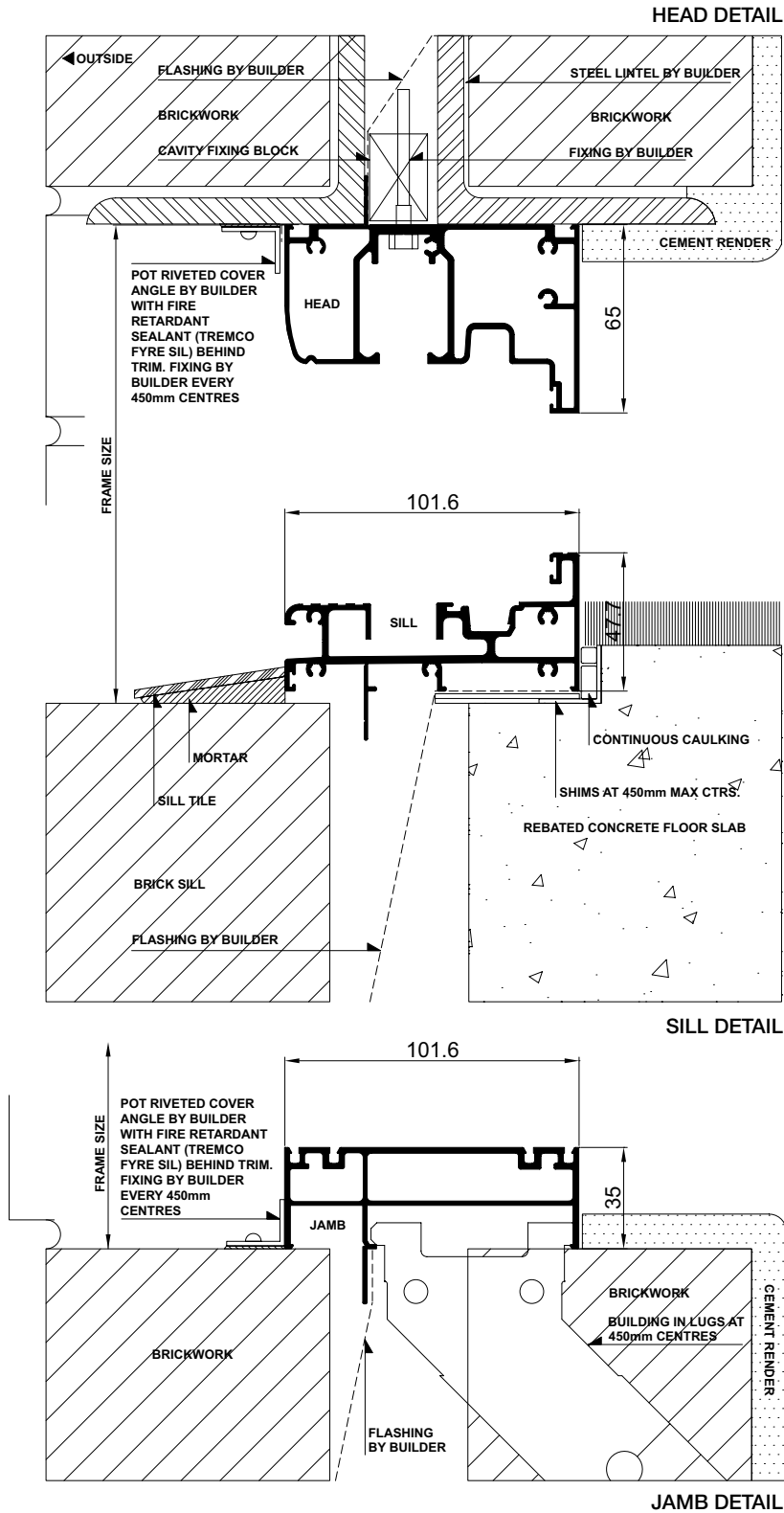
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# Installation

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



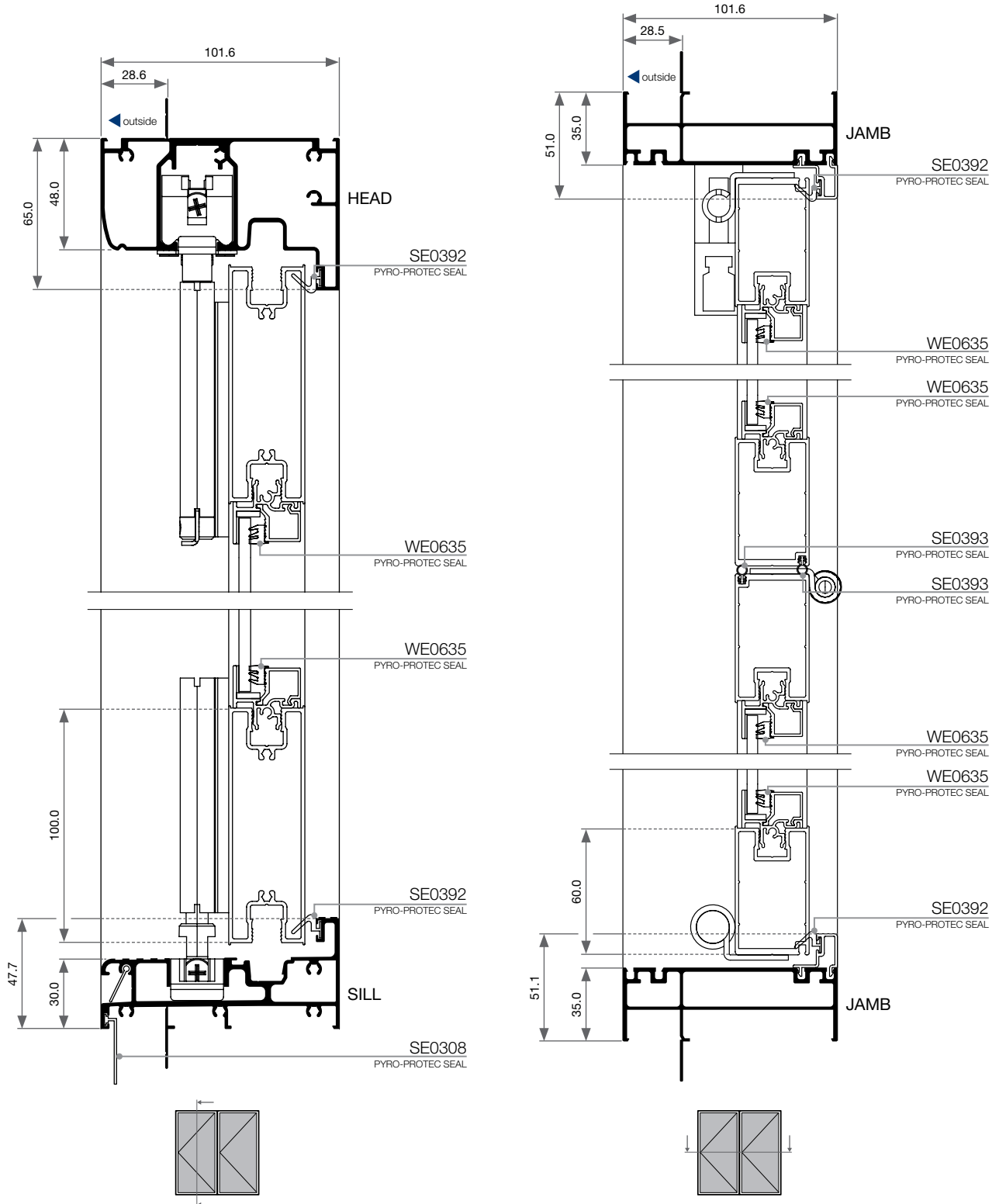
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# Cross Sectional Views

Xtreme® Bifold Doors | **Standard**



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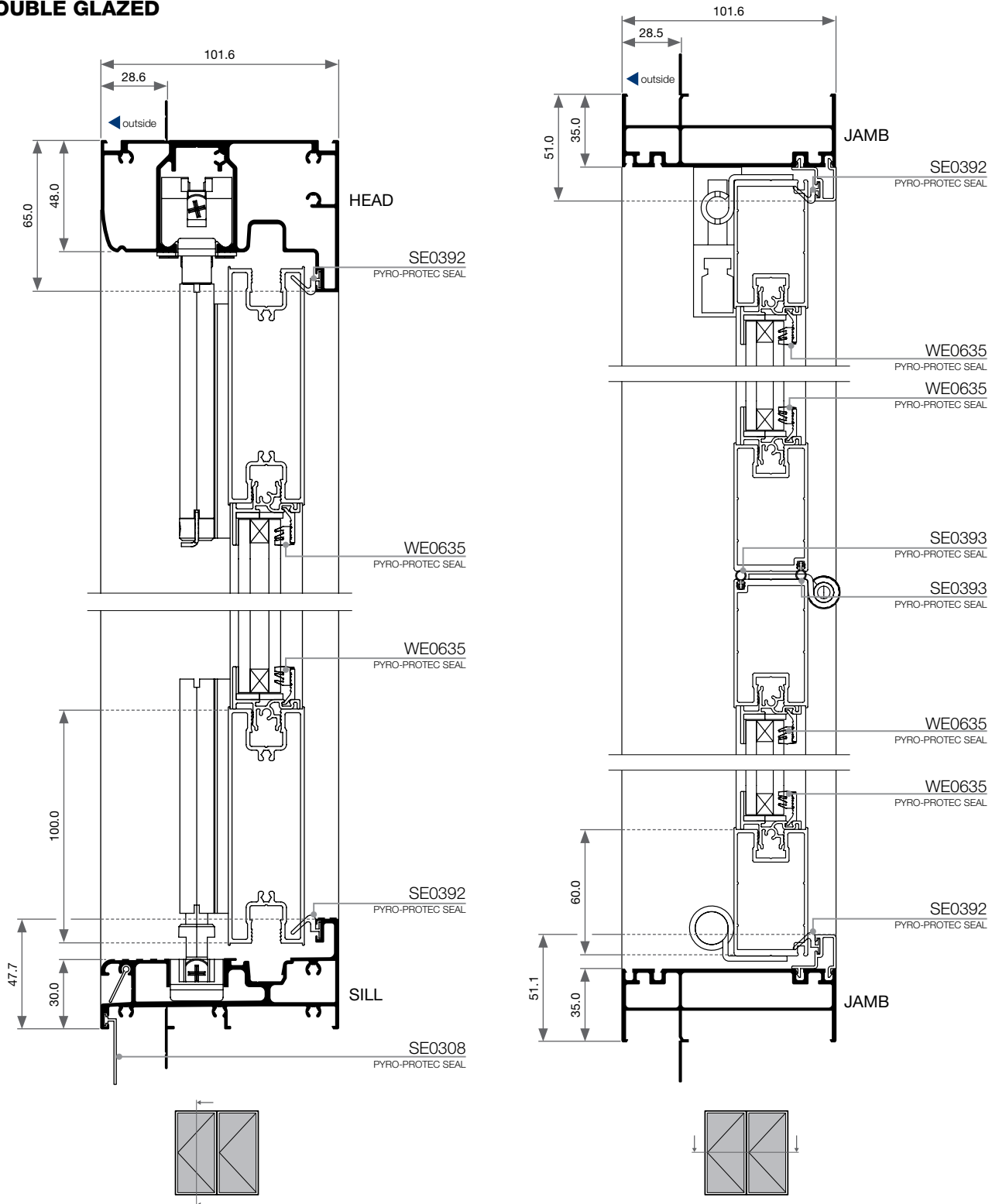
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# Cross Sectional Views

Xtreme® Bifold Doors | Thermashield

## DOUBLE GLAZED



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