

# Brio Weatherfold 4s 50 & 100

INSTBWS1 ADDENDUM REV B - APR 2016

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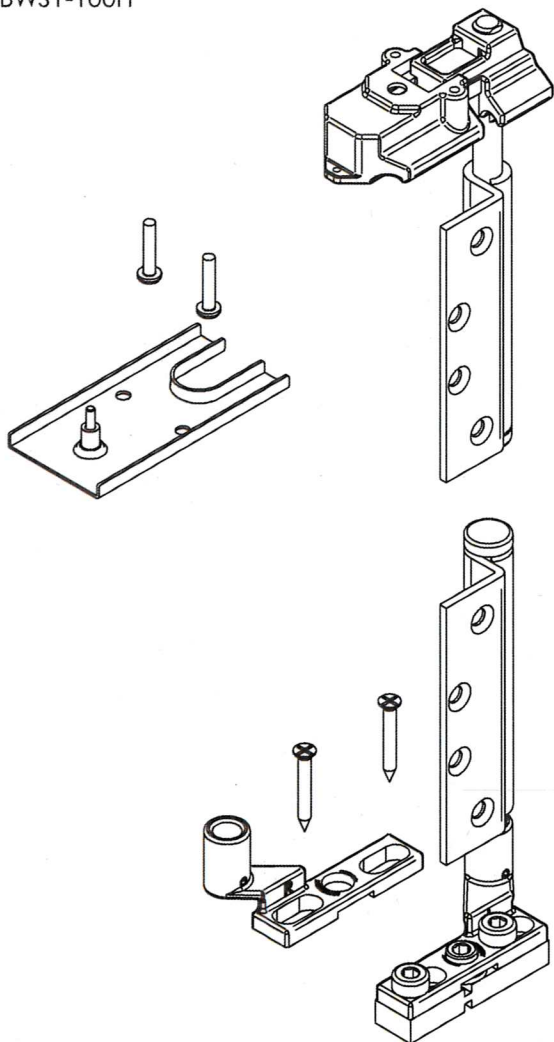
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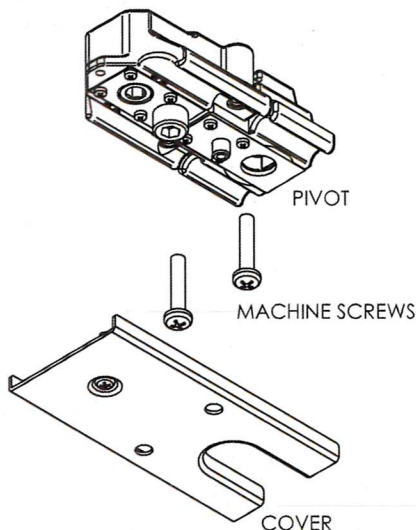
Note: The following steps have been amended for the replacement of a new adjustable top pivot for BWS1-100.

BWS1-100H

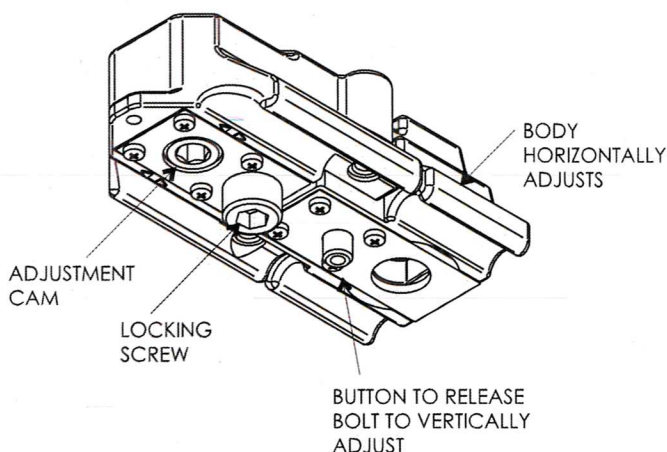


H type hinge shown

Adjustable top pivot and cover



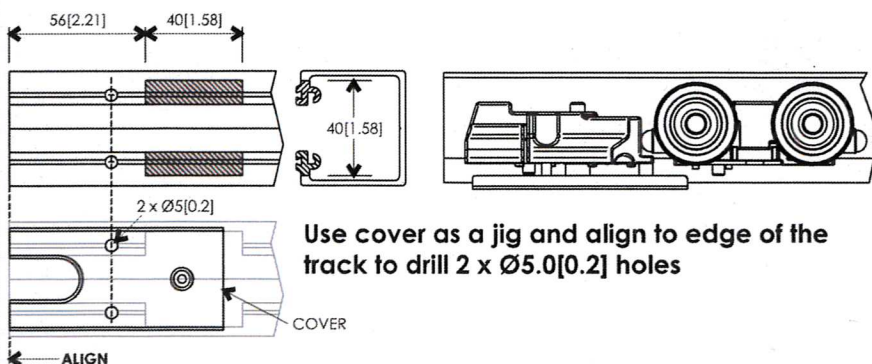
Adjustable top pivot features



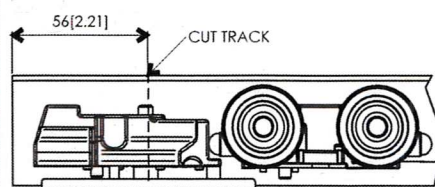
Page 3

Track Preparation track and chanel cut to length 'W' (finished opening width)

OPTION A - Allows access to hangers through notch in track



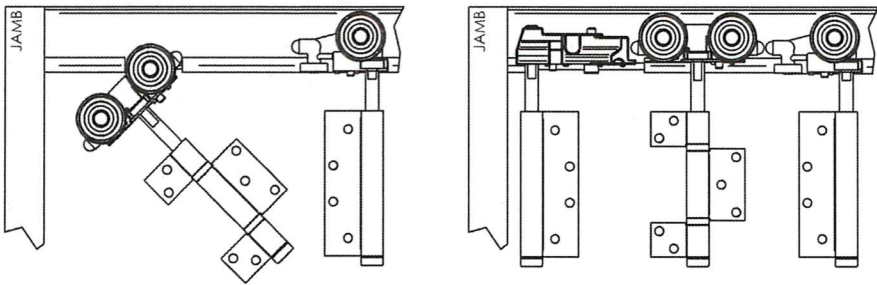
OPTION B - Allows access to hangers by removing track section



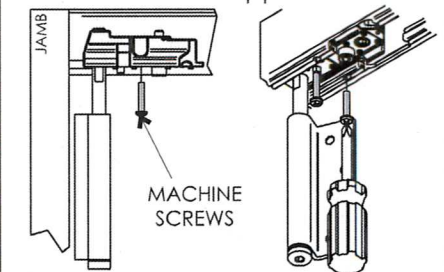


# Installing Hardware and Hanging Panels clean down inside of track and channel

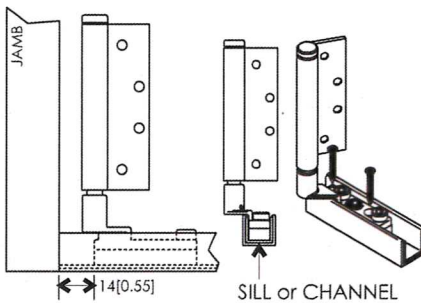
Viewed from outside, insert rollers through access notch in correct order



Fix top pivot into position with machine screws supplied

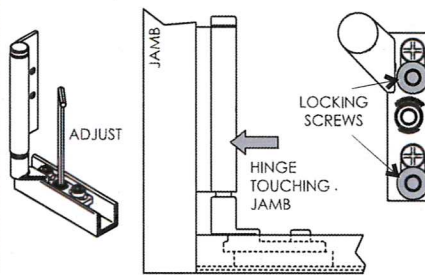


Place bottom pivot in channel

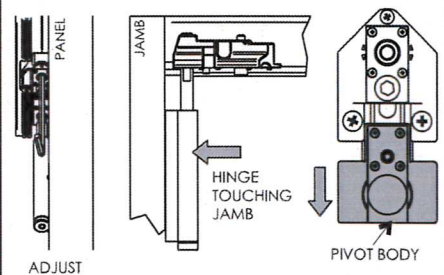


Screws pass through assembly

Loosen locking screws and adjust bottom pivot so that hinge is touching the jamb. Lock off when in position.

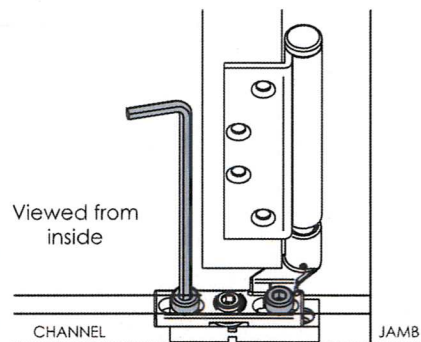


Loosen locking screw and adjust top pivot so that hinge is touching the jamb. Lock off when in position.

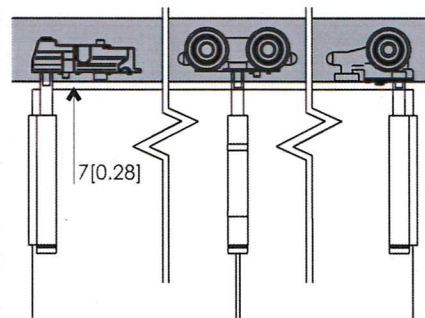


## Adjustment hinge pin locking mechanism applied to all hangers and top pivot

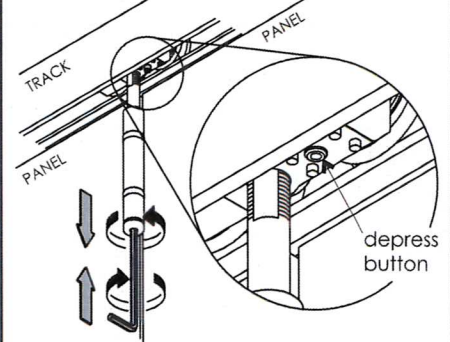
Now that the doors are in place, open doors and loosen locking screws.



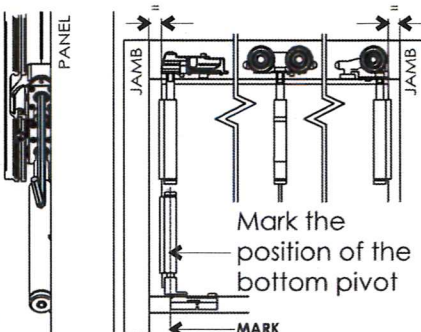
Adjust all hangers and top pivot until panels are parallel with 7mm gap between the track



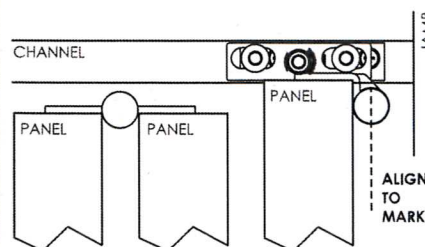
To adjust height, depress button and wind bolt. Bolt locks off automatically on flats.



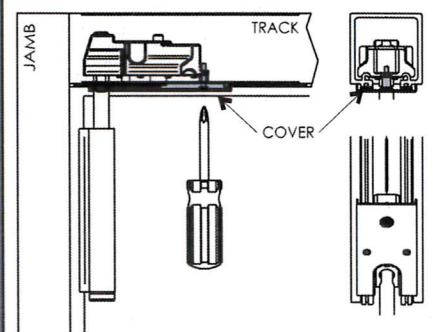
With the panels closed, loosen top pivot locking screw and adjust to centralise door panels. Then lock off top pivot and mark the position of the bottom pivot



Open the panels and adjust the bottom pivot to the mark. Then tighten locking screws



Close doors & fix cover into pivot to cover notch.



### Application

For residential and commercial folding doors where weatherproofing of the opening is required.

This section covers Weatherfold 4s 50, 75 & 100 hardware suitable for non mortice aluminium applications.

When extra corrosion resistance is required Weatherfold 4s is available with precision stainless steel bearings.

### Door Specifications

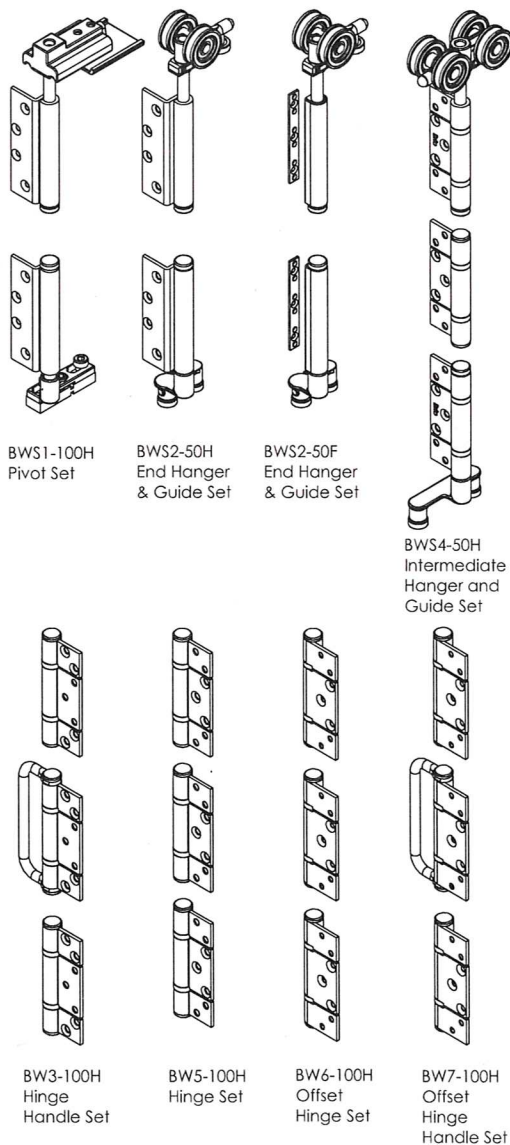
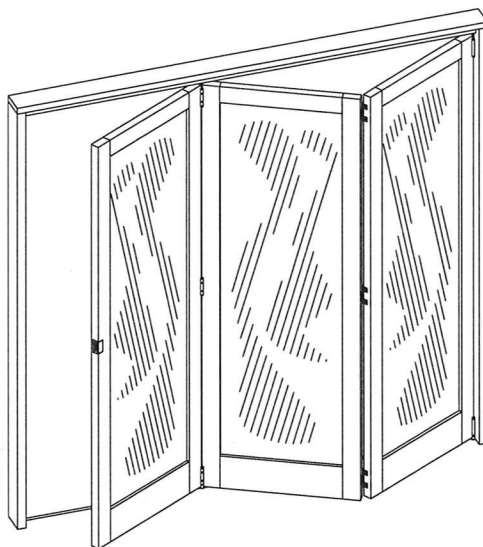
Track System:	Weatherfold 4s 50	Weatherfold 4s 75/100
Max Panel Height	3000mm	3300mm
Max Panel Weight	50kg	75/100kg
Max Panel Width	1000mm	1000mm
Panel Thickness	35-68mm	35-68mm
Max No. of Panels	8 each direction	8 each direction

### Hardware Specifications - Timber Panels

<b>Track:</b>	180	250
Material	Aluminium in Mill or Clear Anodised	
Standard Lengths	2000mm, 3000mm, 4000mm and 6000mm	
<b>Hanger Sets:</b>		
Intermediate Hanger Set:	Includes Hanger, Guide and Hinge BWS4-50H	BWS4-100H
End Hanger Set:	Includes Hanger and Guide BWS2-50F	BWS2-75F (75kg) BWS2-100F (100kg)
Face Fix		
Edge Fix	BWS2-50H	BWS2-75H (75kg) BWS2-100H (100kg)
<b>Pivot Set:</b>	Top & Bottom Pivots BWS1-100H	BWS1-100H
<b>Hinge Sets:</b>		
Hinge Handle Set	BW3-100H	BW3-100H
Offset Hinge Handle Set	BW7-100H	BW7-100H
Hinge Set	BW5-100H	BW5-100H
Offset Hinge Set	BW6-100H	BW6-100H
<b>Channels:</b>		
Polypropylene	94P	94P
Polyprop Plus Support	94PPA	94PPA
Aluminium	94A	94A
Standard lengths	2000mm, 3000mm, 4000mm and 6000mm	
<b>Accessories:</b>		
Flush Pull	402	402
Flush Bolt - 400mm	512-400	512-400
Flush Bolt - 600mm	512-600	512-600
Flush Bolt - 900mm	512-900	512-900

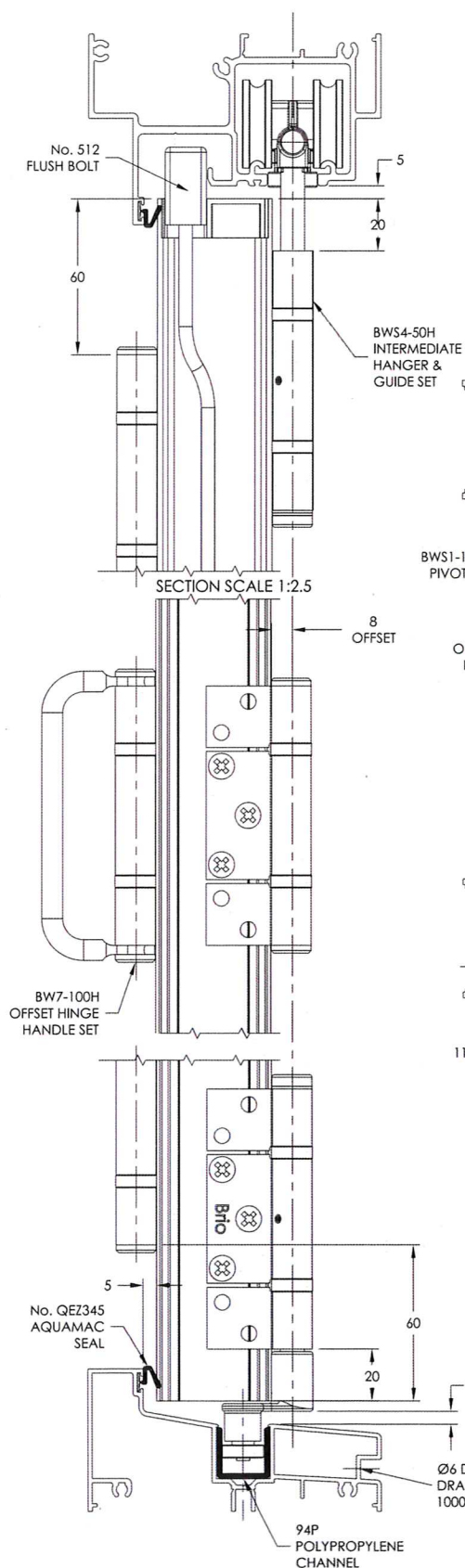
### Finish options

Hardware: (SS) Satin Stainless  
Flushbolts: (SS) Satin Stainless

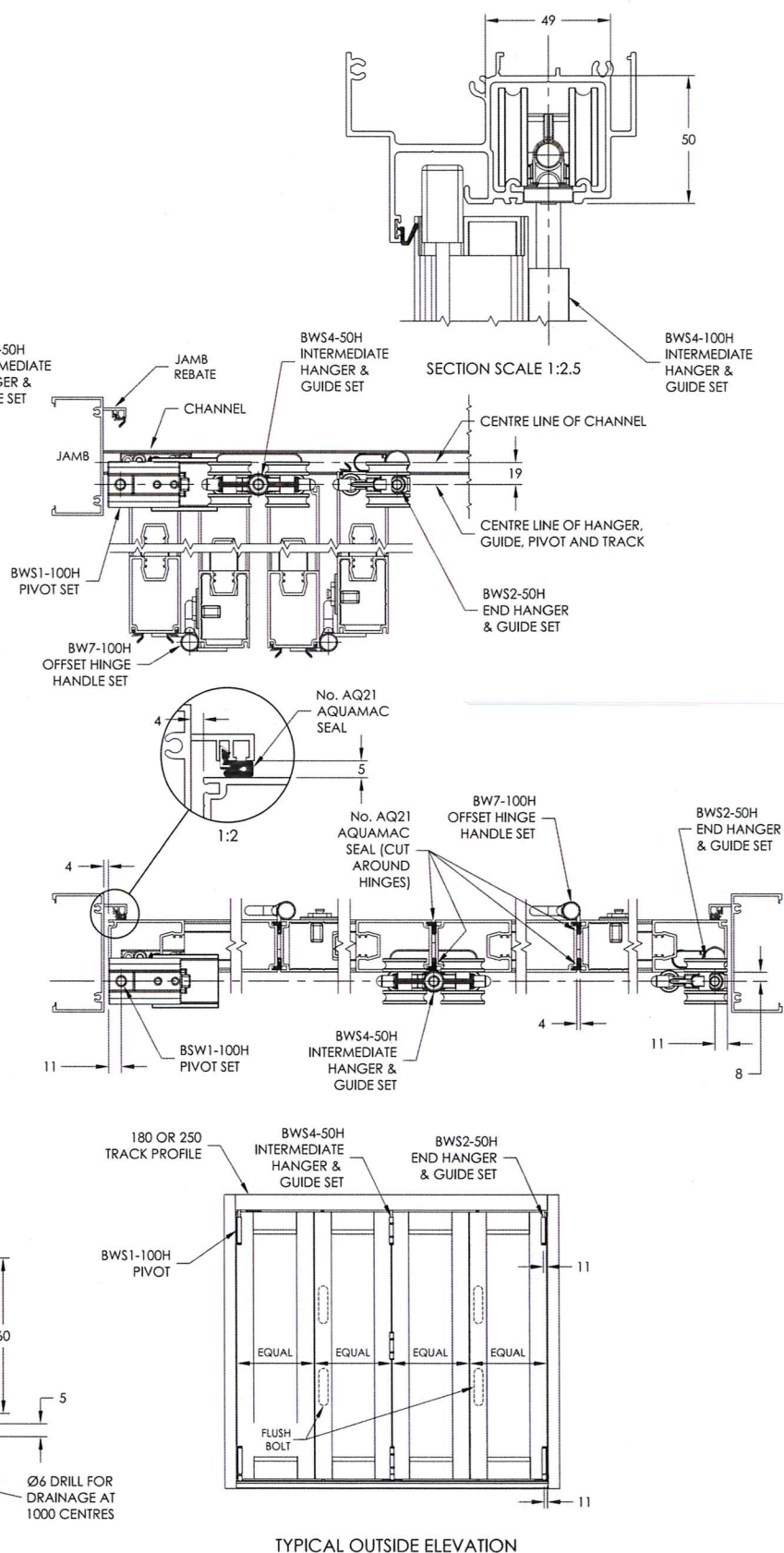




**WEATHERFOLD 4s 50  
(FOR ALUMINIUM DOORS)**



**WEATHERFOLD 4s 75 & 100  
(FOR ALUMINIUM DOORS)**



### Application

For residential and commercial folding doors where weatherproofing of the opening is required.

This section covers Weatherfold 4s 50, 75 & 100 hardware suitable for non mortice timber applications.

When extra corrosion resistance is required Weatherfold 4s is available with precision stainless steel bearings.

### Door Specifications

Track System:	Weatherfold 4s 50	Weatherfold 4s 75/100
Max Panel Height	3000mm	3300mm
Max Panel Weight	50kg	75/100kg
Max Panel Width	1000mm	1000mm
Panel Thickness	35-68mm	35-68mm
Max No. of Panels	8 each direction	8 each direction

### Hardware Specifications - Timber Panels

<b>Track:</b>	180	250
Material	Aluminium in Mill or Clear Anodised	
Standard Lengths	2000mm, 3000mm, 4000mm and 6000mm	

<b>Hanger Sets:</b>		
Intermediate Hanger Set:	Includes Hanger, Guide and Hinge BWS4-50H	BWS4-100H
End Hanger Set:	Includes Hanger and Guide BWS2-50H	BWS2-75H (75kg) BWS2-100H (100kg)

<b>Pivot Set:</b>	Top & Bottom Pivots BWS1-100H	BWS1-100H
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<b>Hinge Sets:</b>		
Hinge Handle Set	BW3-100H	BW3-100H
Offset Hinge Handle Set	BW7-100H	BW7-100H
Hinge Set	BW5-100H	BW5-100H
Offset Hinge Set	BW6-100H	BW6-100H

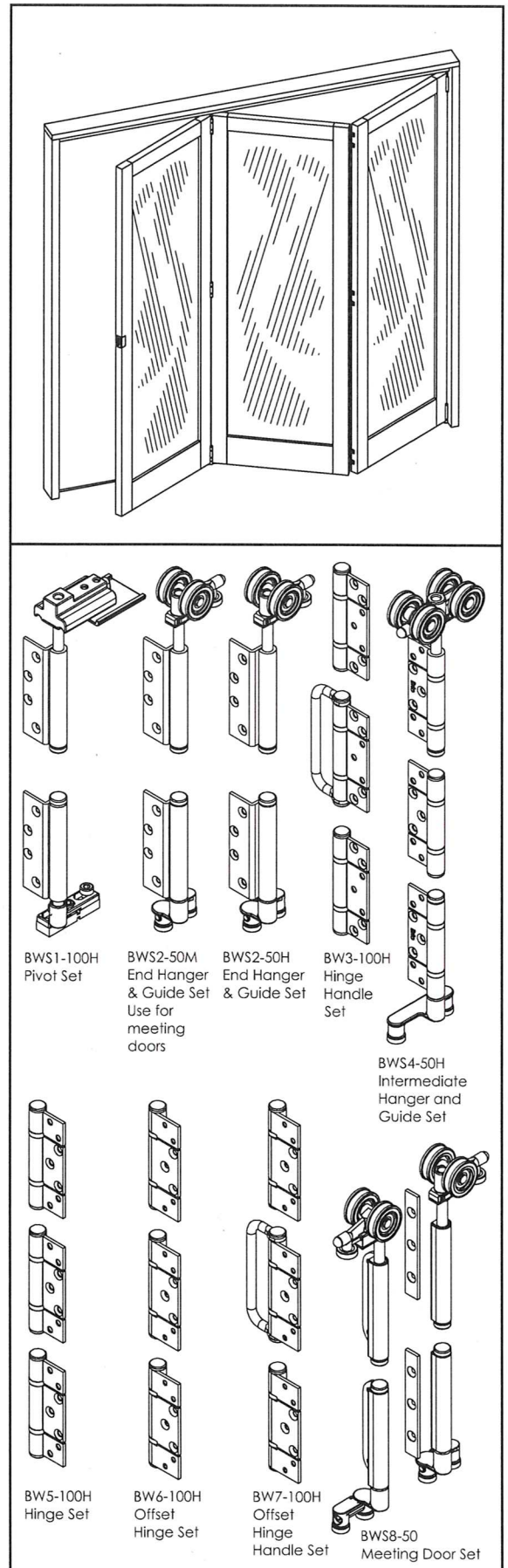
<b>Rebated Meeting Door Sets:</b>	2 Hangers and 2 Guides BWS8-50	BWS8-75 (75kg) BWS8-100 (100kg)
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<b>Channels:</b>		
Polypropylene	94P	94P
Polyprop Plus Support	94PPA	94PPA
Aluminium	94A	94A
Standard lengths	2000mm, 3000mm, 4000mm and 6000mm	

<b>Accessories:</b>		
Flush Pull	401	401
Flush Bolt - 190mm	456	456
Flush Bolt - 450mm	456L	456L
Mortice Lock	6200	6200
Frame Seal - White	AQ21W	AQ21W
Frame Seal - Brown	AQ21B	AQ21B
Door Seal - White	AQ63W	AQ63W
Door Seal - Brown	AQ63B	AQ63B
Track Seal	PS13B	PS13B

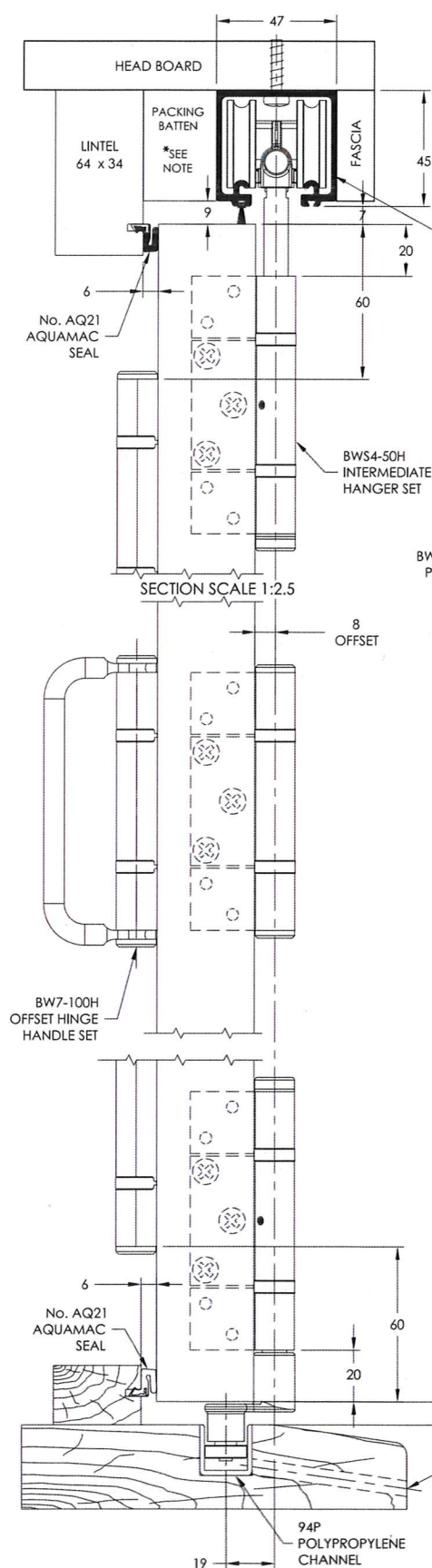
#### Finish options

Hardware: (SS) Satin Stainless, (PS) Polished Stainless, (PB) PVD Brass.  
Flushbolts: (SN) Satin Nickel, (PVD B) PVD Brass.

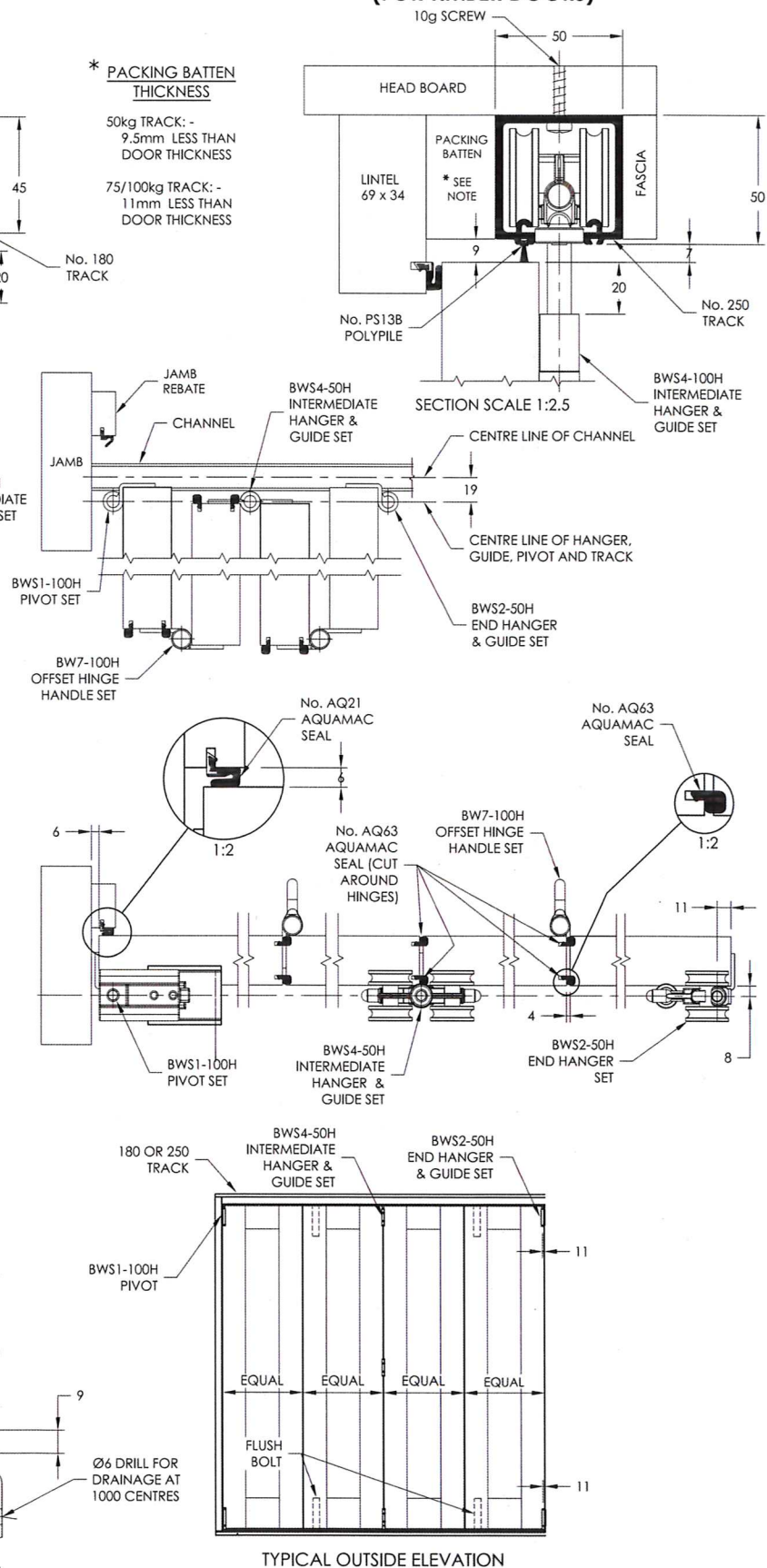




**WEATHERFOLD 4s 50  
(FOR TIMBER DOORS)**



**WEATHERFOLD 4s 75 & 100  
(FOR TIMBER DOORS)**



### Application

For residential and commercial folding doors where weatherproofing of the opening is required.

This section covers Weatherfold 4s 50, 75 & 100 Mortice Square Corner Hinge hardware for timber panels. The high-strength hinges are manufactured from 3mm thick stainless steel with square corners and are now available in a range of four attractive durable finishes.

When extra corrosion resistance is required Weatherfold 4s is available with precision stainless steel bearings.

### Door Specifications

Track System:	Weatherfold 4s 50	Weatherfold 4s 75/100
Max Panel Height	3000mm	3300mm
Max Panel Weight	50kg	75/100kg
Max Panel Width	1000mm	1000mm
Panel Thickness	35-68mm	35-68mm
Max No. of Panels	8 each direction	8 each direction

### Hardware Specifications - Timber Panels

<b>Track:</b>	180	250
Material	Aluminium in Mill or Clear Anodised	
Standard Lengths	2000mm, 3000mm, 4000mm and 6000mm	

<b>Hanger Sets:</b>		
Intermediate Hanger Set:	Includes Hanger, Guide and Hinge BWS4-50M	BWS4-100M
End Hanger Set:	Includes Hanger and Guide BWS2-50M	BWS2-75M (75kg) BWS2-100M (100kg)

<b>Pivot Sets:</b>	Top & Bottom Pivots BWS1-100M	BWS1-100M
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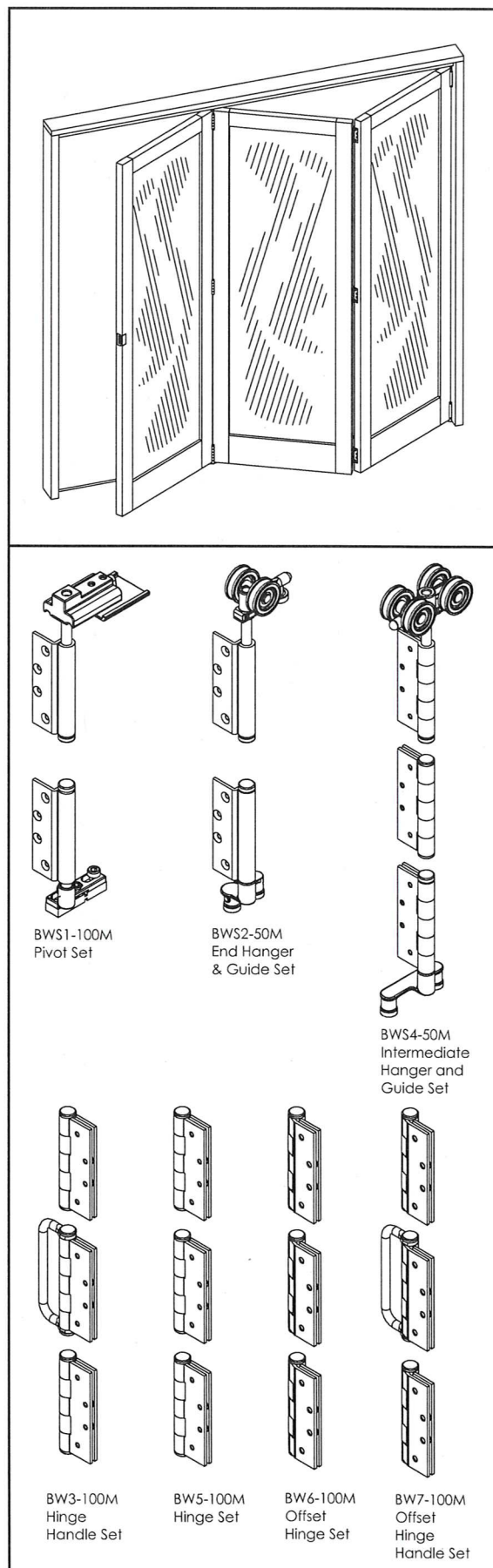
<b>Hinge Sets:</b>		
Hinge Handle Set	BW3-100M	BW3-100M
Offset Hinge Handle Set	BW5-100M	BW5-100M
Hinge Set	BW6-100M	BW6-100M
Offset Hinge Set	BW7-100M	BW7-100M

<b>Channels:</b>		
Polypropylene	94P	94P
Polyprop Plus Support	94PPA	94PPA
Aluminium	94A	94A
Standard lengths	2000mm, 3000mm, 4000mm and 6000mm	

<b>Accessories:</b>		
Flush Pull	401	401
Flush Bolt - 190mm	456	456
Flush Bolt - 450mm	456L	456L
Mortice Lock	6200	6200
Frame Seal - White	AQ21W	AQ21W
Frame Seal - Brown	AQ21B	AQ21B
Door Seal - White	AQ63W	AQ63W
Door Seal - Brown	AQ63B	AQ63B
Track Seal	PS13B	PS13B

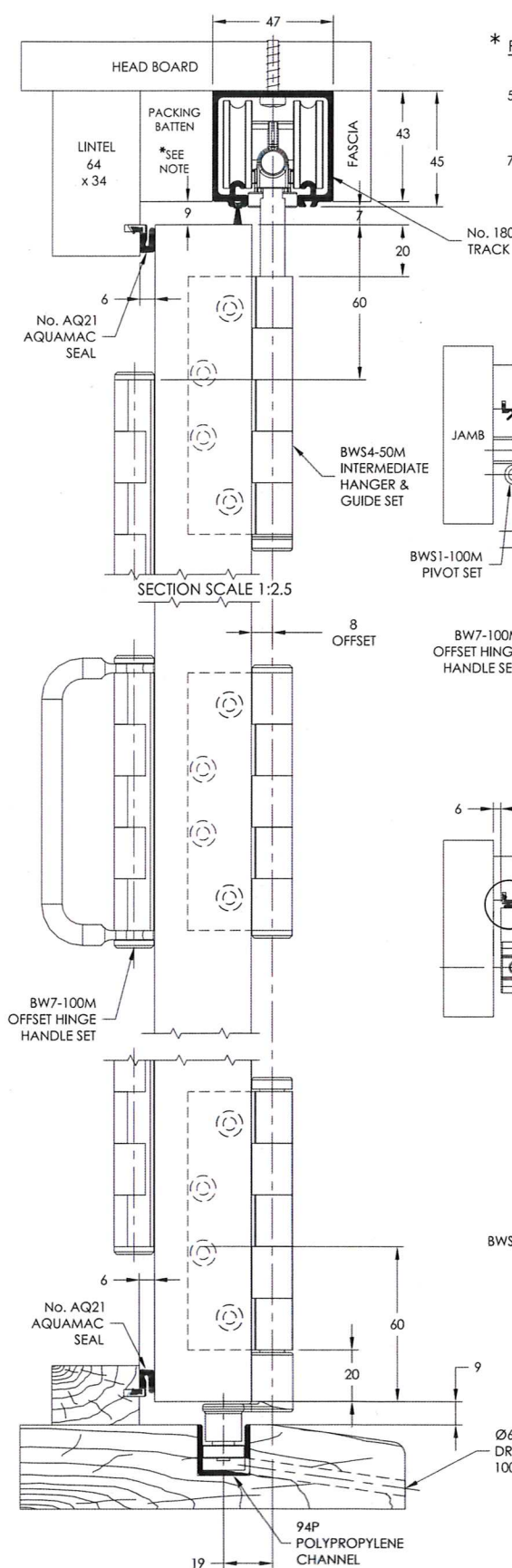
#### Finish options

Hardware: (SS) Satin Stainless, (PS) Polished Stainless, (PB) PVD Brass.  
Flushbolts: (SN) Satin Nickel, (PVDB) PVD Brass.

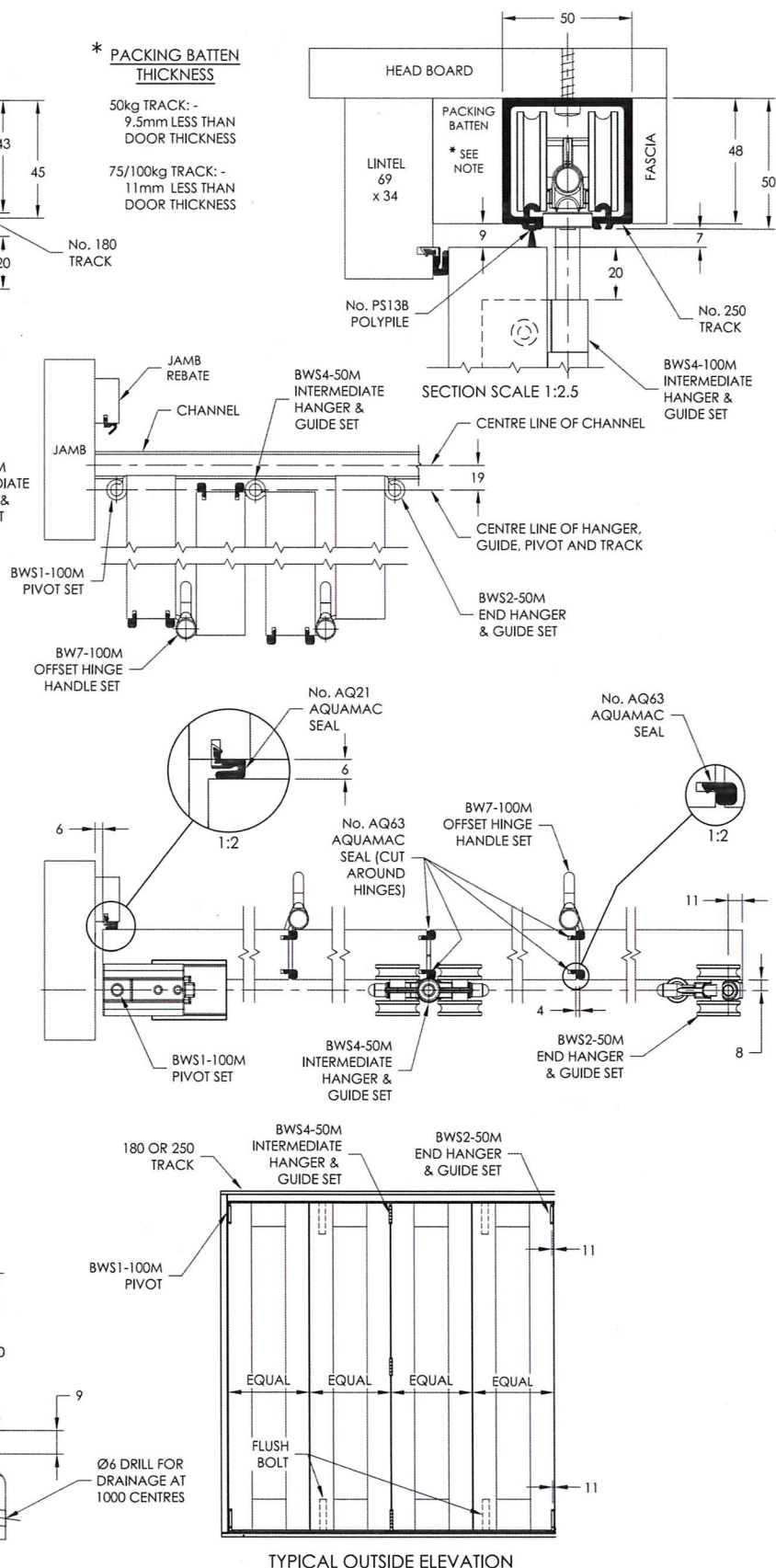




**WEATHERFOLD 4s 50  
(FOR TIMBER DOORS)**



**WEATHERFOLD 4s 75 & 100  
(FOR TIMBER DOORS)**





## Application

For residential and commercial folding doors where weatherproofing of the opening is required.

This section covers Weatherfold 4s 50, 75 & 100 Mortice Radius Corner Hinge hardware for timber panels. The high-strength hinges are manufactured from 3mm thick stainless steel with radius corners for manufacturing efficiency and are now available in a range of four attractive durable finishes.

When extra corrosion resistance is required Weatherfold 4s is available with precision stainless steel bearings.

## Door Specifications

### Track System:

Max Panel Height  
Max Panel Weight  
Max Panel Width  
Panel Thickness  
Max No. of Panels

### Weatherfold 4s 50

3000mm  
50kg  
1000mm  
44-68mm  
8 each direction

### Weatherfold 4s 75/100

3300mm  
75/100kg  
1000mm  
44-68mm  
8 each direction

## Hardware Specifications - Timber Panels

### Track:

Material  
Standard Lengths

180  
Aluminium in Mill or Clear Anodised  
2000mm, 3000mm, 4000mm and 6000mm

### Hanger Sets:

Intermediate Hanger Set:

Includes Hanger, Guide and Hinge  
BWS4-50T BWS4-100T

End Hanger Set:

Includes Hanger and Guide  
BWS2-50T BWS2-75T (75kg)  
BWS2-100T (100kg)

### Pivot Sets:

Top & Bottom Pivots  
BWS1-100T BWS1-100T

### Hinge Sets:

Hinge Handle Set  
Offset Hinge Handle Set  
Hinge Set  
Offset Hinge Set

BW3-100T BW3-100T  
BW5-100T BW5-100T  
BW6-100T BW6-100T  
BW7-100T BW7-100T

### Channels:

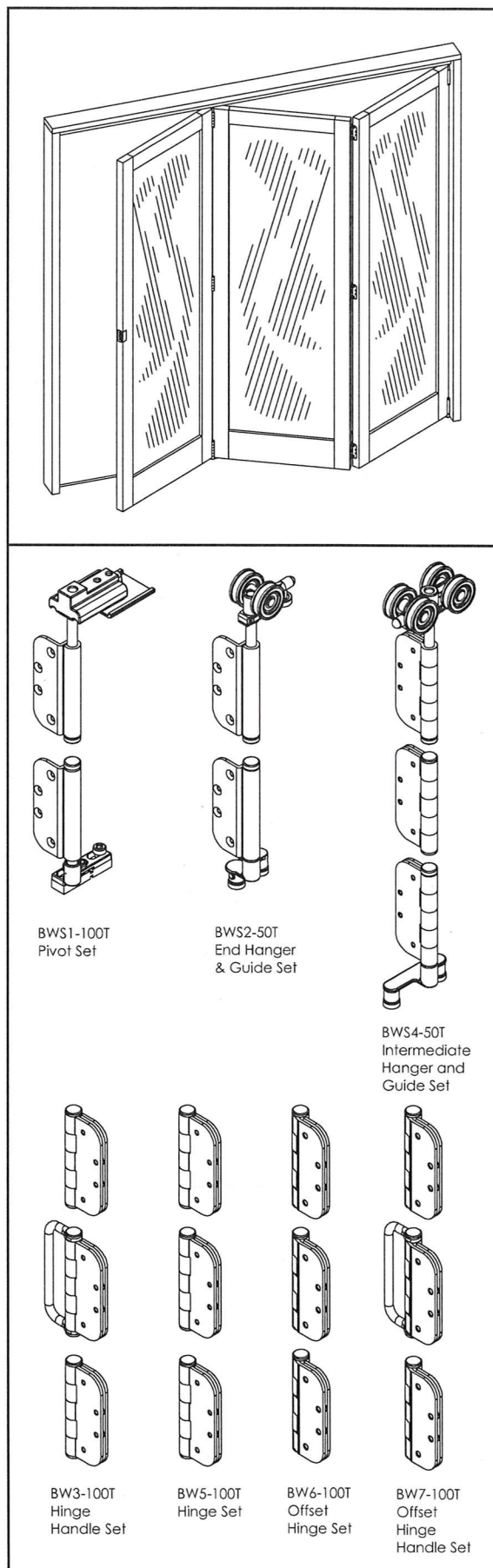
Polypropylene 94P 94P  
Polyprop Plus Support 94PPA 94PPA  
Aluminium 94A 94A  
Standard lengths 2000mm, 3000mm, 4000mm and 6000mm

### Accessories:

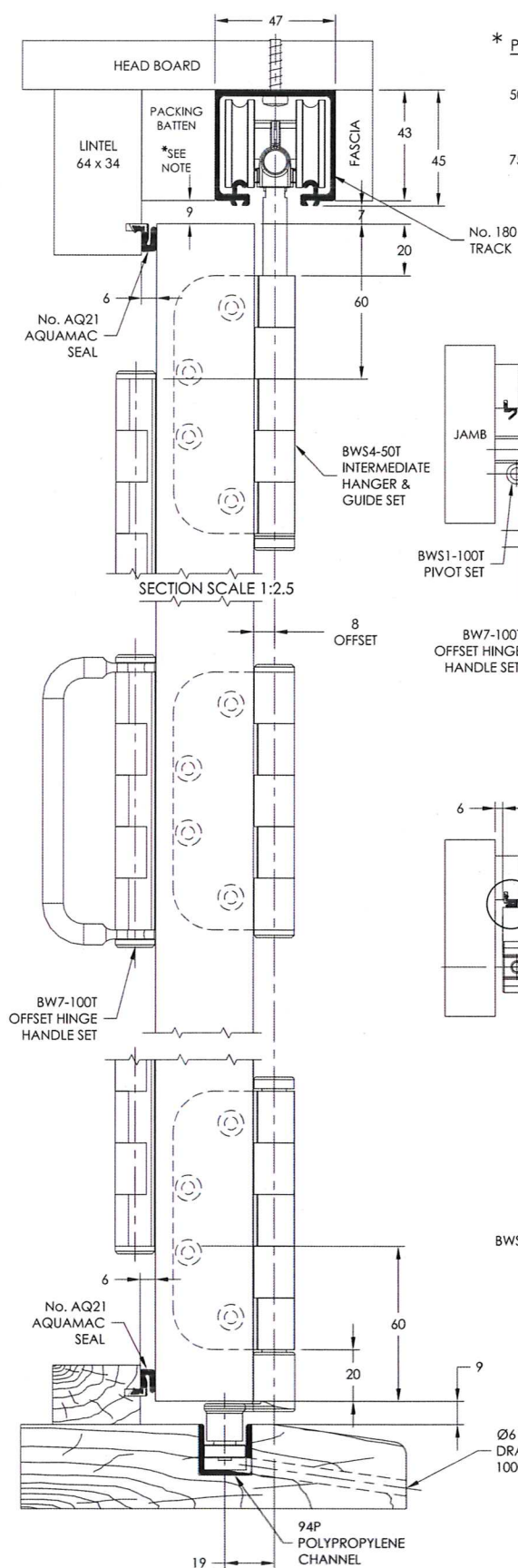
Flush Pull 401 401  
Flush Bolt - 190mm 456 456  
Flush Bolt - 450mm 456L 456L  
Mortice Lock 6200 6200  
Frame Seal - White AQ21W AQ21W  
Frame Seal - Brown AQ21B AQ21B  
Door Seal - White AQ63W AQ63W  
Door Seal - Brown AQ63B AQ63B  
Track Seal PS13B PS13B

### Finish options

Hardware: (SS) Satin Stainless, (PS) Polished Stainless, (PB) PVD Brass.  
Flushbolts: (SN) Satin Nickel, (PVDB) PVD Brass.



**WEATHERFOLD 4s 50  
(FOR TIMBER DOORS)**



**WEATHERFOLD 4s 75 & 100  
(FOR TIMBER DOORS)**

