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Weatherfold 4s 50 & 100 - Guide to Quantities
For Top Hung Exterior Folding Systems. Mortice Square Timber

This Guide to Quantities is only applicable to Data Sheet E147.2.

Specification for Individual Panels

Track System		**Weatherfold 4s 50**	**Weatherfold 4s 100**
Refer to Data Sheet		E147	E147
Max Panel Height		3000mm	3300mm
Max Panel Weight		50kg	100kg
Max Panel Width		1000mm	1000mm
Min Panel Thickness		35mm	35mm
Max Number of Panels		8 each direction	8 each direction

2 Panel Unit	**Quantities**	**Product Codes**	
Track	1	180A-A20	350-A20
Pivot Set	1	BWS1-100M	BWS1-100M
Hinge Handle Set	1	BW3-100M	BW3-100M
End Hanger Set	1	BWS2-50SM	BWS2-100SM
Flush Bolt Top	1	456	456
Flush Bolt Bottom	1	456E	456E
Channel	1	94PPA-A20	94PPA-A20
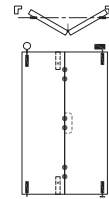
3 Panel Unit	**Quantities**	**Product Codes**	
Track	1	180A-A30	350-A30
Pivot Set	1	BWS1-100M	BWS1-100M
Offset Hinge Handle Set	1	BW7-100M	BW7-100M
Intermediate Hanger Set	1	BWS4-50SM	BWS4-100SM
Flush Bolt Top	1	456	456
Flush Bolt Bottom	1	456E	456E
Channel	1	94PPA-A30	94PPA-A30
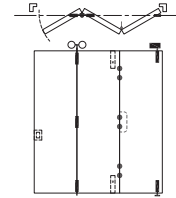
4 Panel Unit	**Quantities**	**Product Codes**	
Track	1	180A-A40	350-A40
Pivot Set	1	BWS1-100M	BWS1-100M
Offset Hinge Handle Set	2	BW7-100M	BW7-100M
Intermediate Hanger Set	1	BWS4-50SM	BWS4-100SM
End Hanger Set	1	BWS2-50SM	BWS2-(75/100)SM
Flush Bolt Top	2	456	456
Flush Bolt Bottom	2	456E	456E
Channel	1	94PPA-A40	94PPA-A40
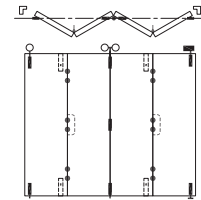
4 Panel Unit 'Floating'	**Quantities**	**Product Codes**	
Track	1	180A-A40	350-A40
Offset Hinge Handle Set	2	BW7-100M	BW7-100M
Intermediate Hanger Set	1	BWS4-50SM	BWS4-100SM
End Hanger Set	2	BWS2-50SM	BWS2-100SM
Flush Bolt Top	2	456	456
Flush Bolt Bottom	2	456E	456E
Channel	1	94PPA-A40	94PPA-A40
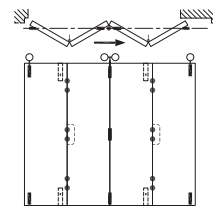
2+2 Panel Unit	**Quantities**	**Product Codes**	
Track	1	180A-A40	350-A40
Pivot Set	2	BWS1-100M	BWS1-100M
Hinge Handle Set	2	BW3-100M	BW3-100M
End Hanger Set	2	BWS2-50SM	BWS2-100SM
Flush Bolt Top	2	456	456
Flush Bolt Bottom	2	456E	456E
Channel	1	94PPA-A40	94PPA-A40

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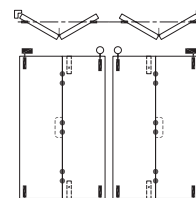
5 Panel Unit	**Quantities**	**Weatherfold 4s 50** **Product Codes**	**Weatherfold 4s 100**
Track	1	180A-A60	350-A60
Pivot Set	1	BWS1-100M	BWS1-100M
Intermediate Hanger Set	2	BWS4-50SM	BWS4-100SM
Offset Hinge Handle Set	1	BW7-100M	BW7-100M
Hinge Handle Set	1	BW3-100M	BW3-100M
Flush Bolt Top	2	456	456
Flush Bolt Bottom	2	456E	456E
Channel	1	94PPA-A60	94PPA-A60

6 Panel Unit	**Quantities**	**Product Codes**	
Track	1	180A-A60	350-A60
Pivot Set	1	BWS1-100M	BWS1-100M
Intermediate Hanger Set	2	BWS4-50SM	BWS4-100SM
Hinge Handle Set	3	BW3-100M	BW3-100M
End Hanger Set	1	BWS2-50SM	BWS2-100SM
Flush Bolt Top	3	456	456
Flush Bolt Bottom	3	456E	456E
Channel	1	94PPA-A60	94PPA-A60

6 Panel Unit 'Floating'	**Quantities**	**Product Codes**	
Track	1	180A-A60	350-A60
Intermediate Hanger Set	2	BWS4-50SM	BWS4-100SM
Offset Hinge Handle Set	2	BW7-100M	BW7-100M
Hinge Handle Set	1	BW3-100M	BW3-100M
End Hanger Set	2	BWS2-50SM	BWS2-100SM
Flush Bolt Top	3	456	456
Flush Bolt Bottom	3	456E	456E
Channel	1	94PPA-A60	94PPA-A60

2 Additional Panels to Increase 5 or 6 **Panels to 7 or 8 Panels**	**Quantities**	**Product Codes**	
Track	1	180A-A60	350-A60
Intermediate Hanger Set	1	BWS4-50SM	BWS4-100SM
Hinge Handle Set	1	BW3-100M	BW3-100M
Flush Bolt Top	1	456	456
Flush Bolt Bottom	1	456E	456E
Channel	1	94PPA-A20	94PPA-A20

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Application

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

This section covers Weatherfold 4s 50 & 100 Mortice Square Corner Hinge hardware for timber panels. The high-strength hinges are manufactured from 3mm thick stainless steel with square corners.

For extra corrosion resistance, Weatherfold 4s is supplied with precision stainless steel bearings. Hangers are cast 316 marine stainless steel.

Panel Specification

Track System:	Weatherfold 4s 50	Weatherfold 4s 100
Max Panel Height	3000mm	3300mm
Max Panel Weight	50kg	100kg
Max Panel Width	1000mm	1000mm
Panel Thickness	35mm	35mm
Max Number of Panels	8 each direction	8 each direction

Hardware Specification

Track:	180A	350
Material	Clear Anodised	
Standard Lengths	2000mm, 3000mm, 4000mm and 6000mm	

Hanger Sets:		
Intermediate Hanger Set:	BWS4-50SM	BWS4-100SM
End Hanger Set:	BWS2-50SM	BWS2-100SM

Pivot Sets:	BWS1-100M	BWS1-100M

Jamb Pivot:	BW189M	BW189M

Hinge Sets:		
Hinge Handle Set	BW3-100M	BW3-100M
Offset Hinge Handle Set	BW7-100M	BW7-100M
Hinge Set	BW5-100M	BW5-100M
Offset Hinge Set	BW6-100M	BW6-100M

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
Security Aligner	199SS	199SS
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.
Flush bolts: (SN) Satin Nickel, (PVDB) PVD Brass.
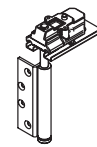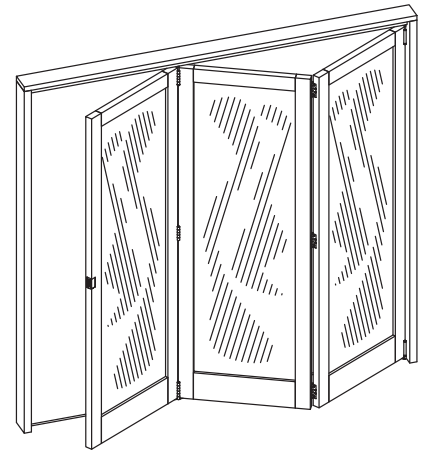
No. BWS1-100H
PIVOT SET
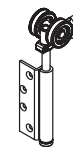
No. BWS2-50M
END HANGER
& GUIDE SET
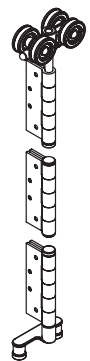
No. BWS4-50M
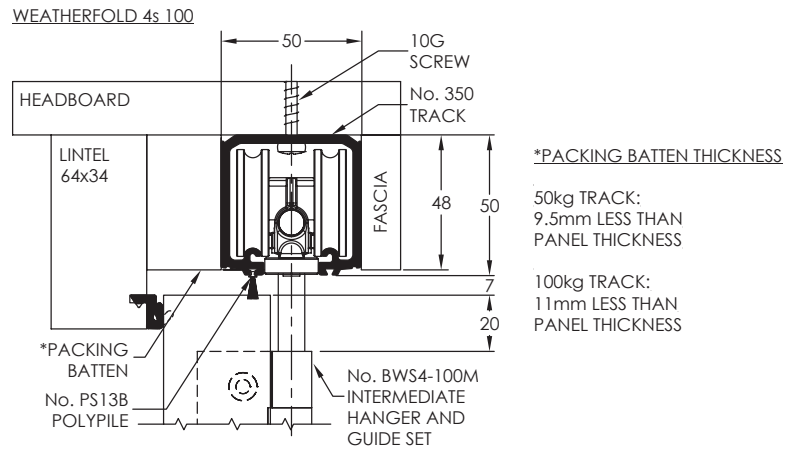INTERMEDIATE
HANGER &
GUIDE SET
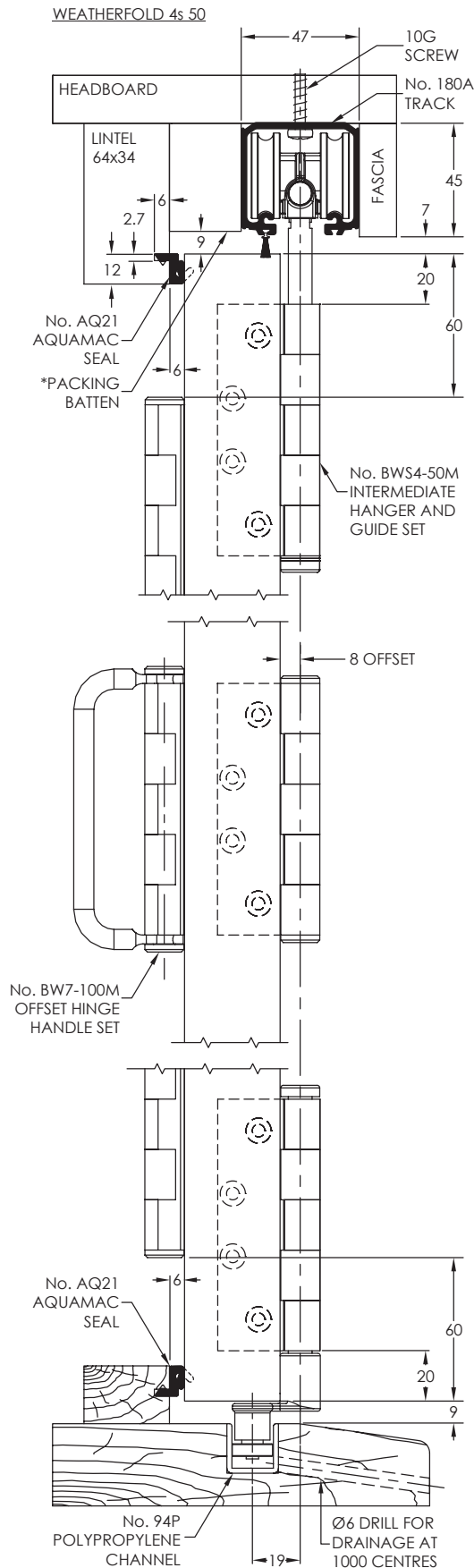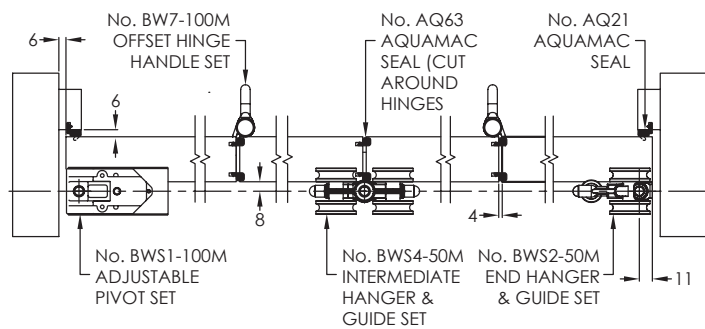
No. BW3-100M
HINGE
HANDLE SET
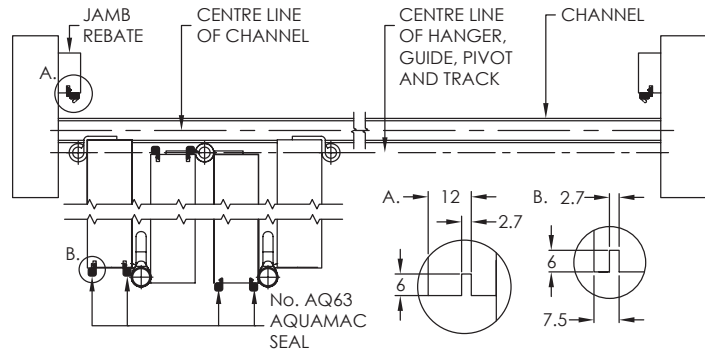
No. BW5-100M
HINGE SET

No. BW6-100M
OFFSET
HINGE SET

No. BW7-100M
OFFSET HINGE
HANDLE SET

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WEATHERFOLD 4s 50

HEADBOARD

47

10G SCREW

No. 180A TRACK

LINTEL 64x34

FASCIA

45

7

6

2.7

9

12

20

60

No. AQ21 AQUAMAC SEAL

*PACKING BATTEN

6

No. BWS4-50M INTERMEDIATE HANGER AND GUIDE SET

8 OFFSET

No. BW7-100M OFFSET HINGE HANDLE SET

No. AQ21 AQUAMAC SEAL

6

60

20

9

No. 94P POLYPROPYLENE CHANNEL

Ø6 DRILL FOR DRAINAGE AT 1000 CENTRES

19

WEATHERFOLD 4s 100

HEADBOARD

50

10G SCREW

No. 350 TRACK

LINTEL 64x34

FASCIA

48

50

7

20

*PACKING BATTEN

No. PS13B POLYPILE

No. BWS4-100M INTERMEDIATE HANGER AND GUIDE SET

*PACKING BATTEN THICKNESS

50kg TRACK:
9.5mm LESS THAN PANEL THICKNESS

100kg TRACK:
11mm LESS THAN PANEL THICKNESS

4+0 PANEL OUTWARD OPENING SYSTEM - CLOSED
(SHOWN WITHOUT TRACK OR HEAD SECTION)

6

No. BW7-100M OFFSET HINGE HANDLE SET

No. AQ63 AQUAMAC SEAL (CUT AROUND HINGES)

No. AQ21 AQUAMAC SEAL

6

8

4

No. BWS1-100M ADJUSTABLE PIVOT SET

No. BWS4-50M INTERMEDIATE HANGER & GUIDE SET

No. BWS2-50M END HANGER & GUIDE SET

11

4+0 PANEL OUTWARD OPENING SYSTEM - OPEN
(SHOWN WITHOUT HEAD SECTION)

JAMB REBATE

CENTRE LINE OF CHANNEL

CENTRE LINE OF HANGER, GUIDE, PIVOT AND TRACK

CHANNEL

A.

B.

No. AQ63 AQUAMAC SEAL

A. 12

2.7

6

B. 2.7

6

7.5

4+0 PANEL OUTWARD OPENING SYSTEM - CLOSED
(TYPICAL OUTSIDE ELEVATION)

No. BWS1-100M ADJUSTABLE PIVOT SET

FLUSH BOLT

No. 180A OR 350 TRACK

No. BWS4-50M INTERMEDIATE HANGER & GUIDE SET

No. BWS2-50M END HANGER & GUIDE SET

EQUAL   EQUAL   EQUAL   EQUAL