# Weatherfold 4s 50 & 100 - Guide to Quantities

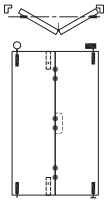
For Top Hung Exterior Folding Systems. Non Mortice Timber & Aluminium

This Guide to Quantities is only applicable to Data Sheets E120 and E130.

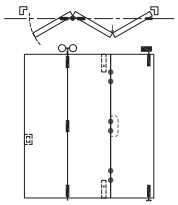
**Specification for Individual Panels**

| Track System | **Weatherfold 4s 50** | **Weatherfold 4s 100** |
|---|---|---|
| Refer to Data Sheet | E120 | E120 |
| Max Panel Height | 3000mm | 3300mm |
| Max Panel Weight | 50kg | 75/100kg |
| Max Panel Width | 1000mm | 1000mm |
| Min Panel Thickness | 35mm | 35mm |
| Max Number of Panels | 8 each direction | 8 each direction |

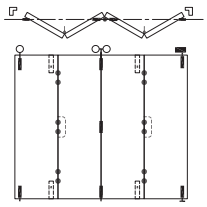
| **2 Panel Unit** | **Quantities** | **Product Codes** | |
|---|---|---|---|
| Track | 1 | 180A-A20 | 350-A20 |
| Pivot Set | 1 | BWS1-100H | BWS1-100H |
| Hinge Handle Set | 1 | BW3-100H | BW3-100H |
| End Hanger Set | 1 | BWS2-50SH | BWS2-100SH |
| Flush Bolt Top | 1 | 456* | 456* |
| Flush Bolt Bottom | 1 | 456E* | 456E* |
| Channel | 1 | 94PPA-A20 | 94PPA-A20 |



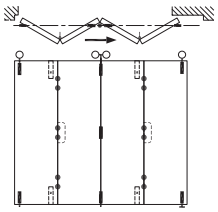
| **3 Panel Unit** | **Quantities** | **Product Codes** | |
|---|---|---|---|
| Track | 1 | 180A-A30 | 350-A30 |
| Pivot Set | 1 | BWS1-100H | BWS1-100H |
| Offset Hinge Handle Set | 1 | BW7-100H | BW7-100H |
| Intermediate Hanger Set | 1 | BWS4-50SH | BWS4-100SH |
| Flush Bolt Top | 1 | 456* | 456* |
| Flush Bolt Bottom | 1 | 456E* | 456E* |
| Channel | 1 | 94PPA-A30 | 94PPA-A30 |



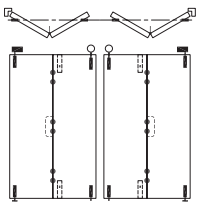
| **4 Panel Unit** | **Quantities** | **Product Codes** | |
|---|---|---|---|
| Track | 1 | 180A-A40 | 350-A40 |
| Pivot Set | 1 | BWS1-100H | BWS1-100H |
| Offset Hinge Handle Set | 2 | BW7-100H | BW7-100H |
| Intermediate Hanger Set | 1 | BWS4-50SH | BWS4-100SH |
| End Hanger Set | 1 | BWS2-50SH | BWS2-100SH |
| 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 | BW7-100H | BW7-100H |
| Intermediate Hanger Set | 1 | BWS4-50SH | BWS4-100SH |
| End Hanger Set | 2 | BWS2-50SH | BWS2-100SH |
| Flush Bolt Top | 2 | 456* | 456* |
| Flush Bolt Bottom | 2 | 456E* | 456E* |
| Channel | 1 | 94PPA-A40 | 94PPA-A40 |



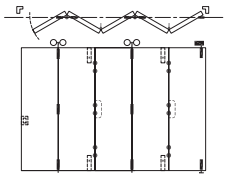
| **2+2 Panel Unit** | **Quantities** | **Product Codes** | |
|---|---|---|---|
| Track | 1 | 180A-A40 | 350-A40 |
| Pivot Set | 2 | BWS1-100H | BWS1-100H |
| Hinge Handle Set | 2 | BW3-100H | BW3-100H |
| Hanger Set - Meeting | 1 | BWS8-50S | BWS8-100S |
| Flush Bolt Top | 2 | 456* | 456* |
| Flush Bolt Bottom | 2 | 456E* | 456E* |
| Channel | 1 | 94PPA-A40 | 94PPA-A40 |



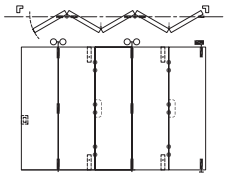
# Weatherfold 4s 50 & 100 - Guide to Quantities

For Top Hung Exterior Folding Systems. Non Mortice Timber & Aluminium

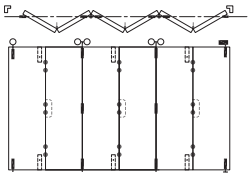
| | | Weatherfold 4s 50 | Weatherfold 4s 100 |
|---|---|---|---|
| **5 Panel Unit** | **Quantities** | **Product Codes** | |
| Track | 1 | 180A-A60 | 350-A60 |
| Pivot Set | 1 | BWS1-100H | BWS1-100H |
| Offset Hinge Handle Set | 1 | BW7-100H | BW7-100H |
| Intermediate Hanger Set | 2 | BWS4-50SH | BWS4-100SH |
| Hinge Handle Set | 1 | BW3-100H | BW3-100H |
| 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 | BWS1-100H | BWS1-100H |
| Offset Hinge Handle Set | 2 | BW7-100H | BW7-100H |
| Intermediate Hanger Set | 2 | BWS4-50SH | BWS4-100SH |
| Hinge Handle Set | 1 | BW3-100H | BW3-100H |
| End Hanger Set | 1 | BWS2-50SH | BWS2-100SH |
| 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 |
| Offset Hinge Handle Set | 2 | BW7-100H | BW7-100H |
| Intermediate Hanger Set | 2 | BWS4-50SH | BWS4-100SH |
| Intermediate Hinge Set | 1 | BW3-100H | BW3-100H |
| End Hanger Set | 2 | BWS2-50SH | BWS2-100SH |
| Flush Bolt Top | 3 | 456* | 456* |
| Flush Bolt Bottom | 3 | 456E* | 456E* |
| Channel | 1 | 94PPA-A60 | 94PPA-A60 |



*Note, for aluminium systems refer to data sheet E130. On 2+2 units replace BWS8-50 or BWS8-100 with quantity 2 BWS2-50F or BWS2-100F respectively.

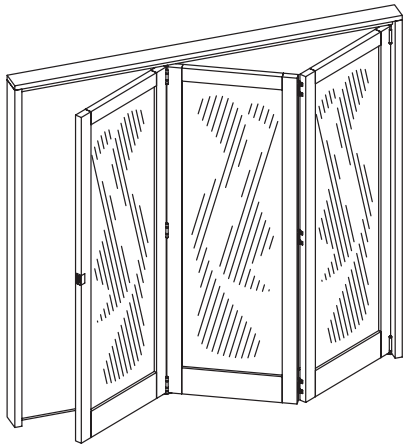
Replace 456 and 456RE flush bolts with 512 and 512E respectively. Alternatively top and bottom flush bots can be replaced with dual point lock 286 in timber and aluminium.

## Application

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

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

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



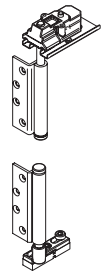
## Panel Specification

| **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 |

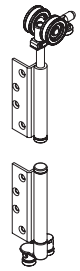
## Hardware Specification

| | | |
|---|---|---|
| **Track:** | 180A | 350 |
| Material | Aluminium in Mill or Clear Anodised | |
| Standard Lengths | 2000mm, 3000mm, 4000mm and 6000mm | |
| **Hanger Sets:** | | |
| Intermediate Hanger Set: | BWS4-50SH | BWS4-100SH |
| End Hanger Set: | BWS2-50SH | BWS2-100SH |
| Meeting Door Hanger Set - Rebate (includes 2 hangers) | BWS8-50 | BWS8-100 |
| **Pivot Set:** | BWS1-100H | BWS1-100H |
| **Jamb Pivot:** | BW189H | BW189H |
| **Hinge Sets:** | | |
| 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 |
| **Channels:** | | |
| Polypropylene | 94P | 94P |
| Polyprop Plus Support | 94PPA | 94PPA |
| Aluminium | 94A | 94A |
| Standard lengths | 2000mm, 3000mm, 4000mm and 6000mm | |
| **Accessories:** | | |
| Lock Body - 35mm back set | 286T/35 | 286T/35 |
| Lock Body Dual Access - 35mm back set | 286TD/35 | 286TD/35 |
| Lock Body - 45mm back set | 286T/45 | 286T/45 |
| Lock Body Dual Access - 45mm back set | 286TD/45 | 286TD/45 |
| Non Locking Handle | 286N | 286N |
| Locking Handle 38-44mm panel | 286L-30 | 286L-30 |
| Locking Handle 44mm+ panel | 286L-40 | 286L-40 |
| Locking Handle Dual Access (Rod pack dependant on panel) | 286DL | 286DL |
| 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 |

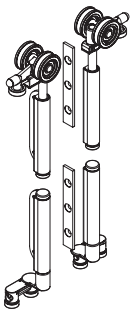
**Finish options**
Dual Point Lock: (SS) Satin Stainless, (SN) Satin Nickel, (PBR) Powdercoat Black
Hardware: (SS) Satin Stainless, (PS) Polished Stainless, (PB) PVD Brass.
Flush bolts: (SN) Satin Nickel, (PVDB) PVD Brass.



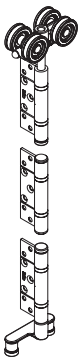
No. BWS1-100H PIVOT SET



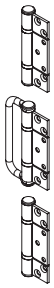
No. BWS2-50H END HANGER & GUIDE SET



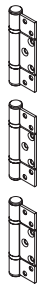
No. BWS8-50 MEETING DOOR SET



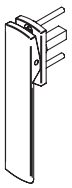
No. BWS4-50H INTERMEDIATE HANGER & GUIDE SET



No. BW3-100H HINGE HANDLE SET

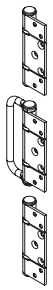


No. BW5-100H HINGE SET

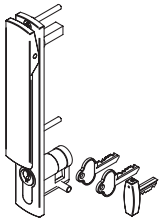


No. 286N NON LOCKING HANDLE

No. BW6-100H OFFSET HINGE SET

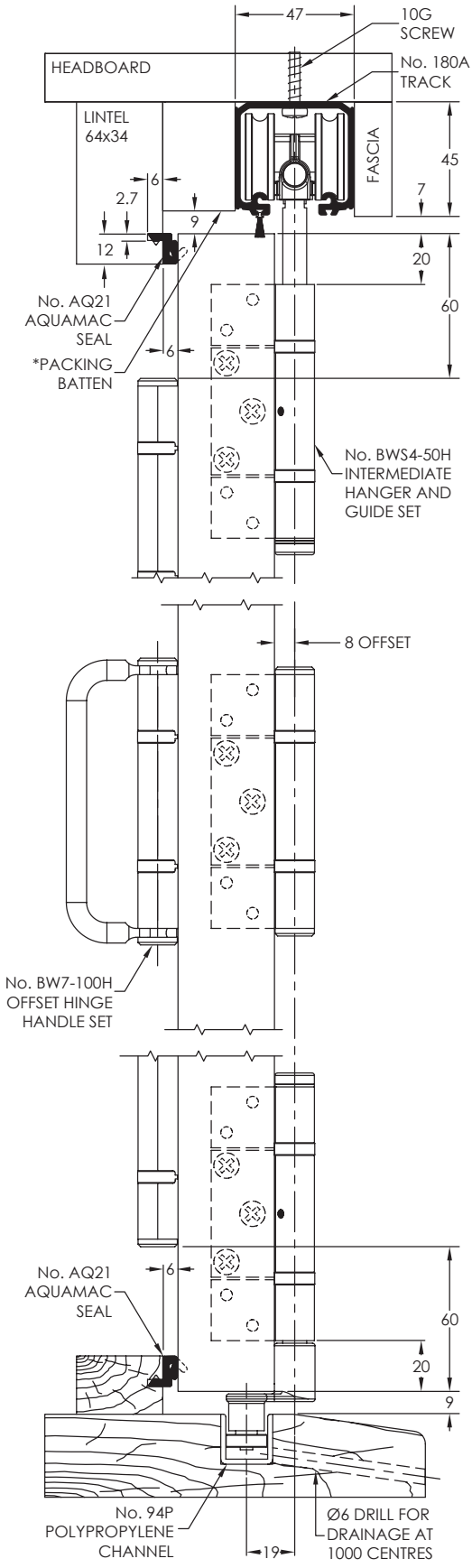


No. BW7-100H OFFSET HINGE HANDLE SET

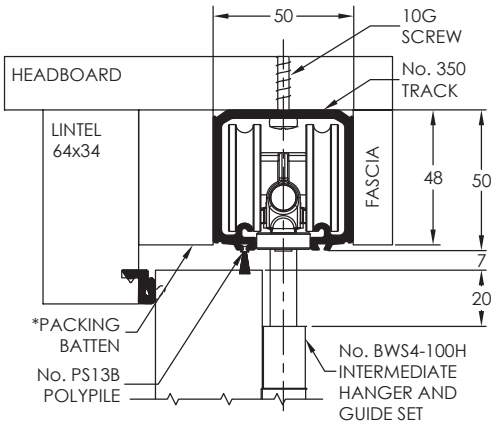


No. 286L LOCKING HANDLE

WEATHERFOLD 4s 50




WEATHERFOLD 4s 100

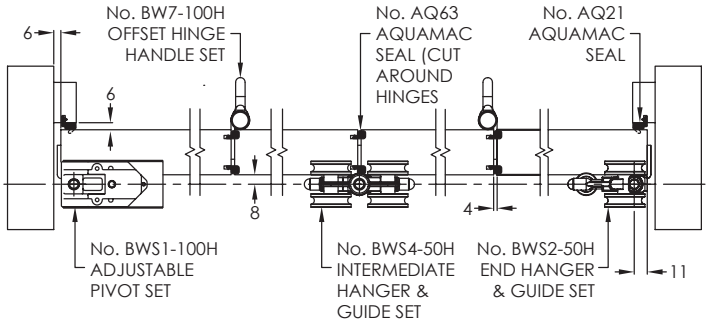



*PACKING BATTEN THICKNESS

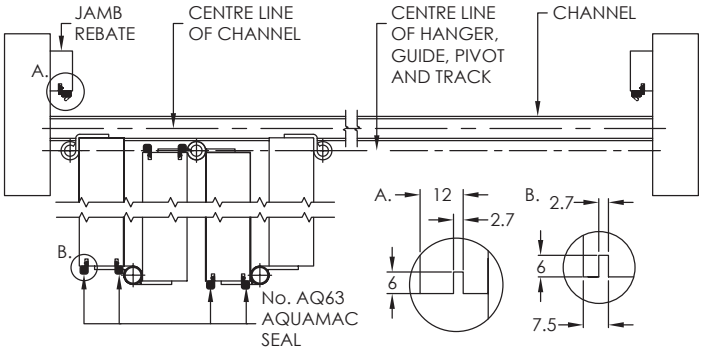
50kg TRACK:
9.5mm LESS THAN PANEL THICKNESS

100kg TRACK:
11mm LESS THAN PANEL THICKNESS

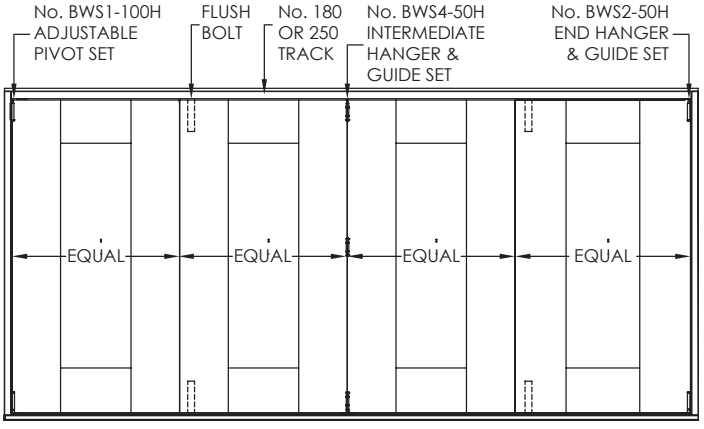
4+0 PANEL OUTWARD OPENING SYSTEM - CLOSED
(SHOWN WITHOUT TRACK OR HEAD SECTION)




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




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



## Application

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

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

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

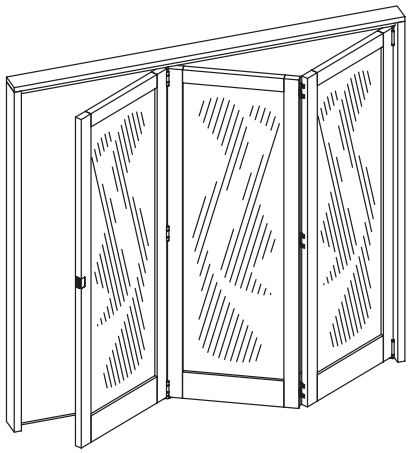
## Panel Specification

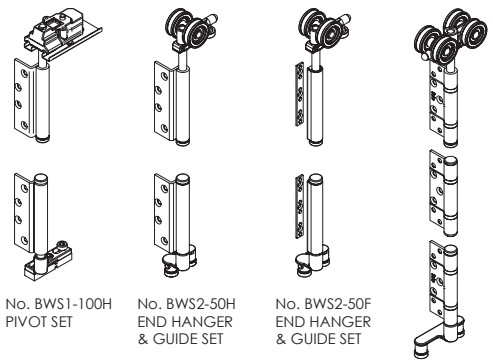
| **Track System:** | **Weatherfold 4s 50** | **Weatherfold 4s 100** |
|---|---|---|
| Max Panel Height | 3000mm | 3300mm |
| Max Panel Weight | 50kg | 100kg |
| Max Panel Width | 1000mm | 1000mm |
| Panel Thickness | 35mm | 35mm |
| Max Number of Panels | 8 each direction | 8 each direction |

## Hardware Specification

| | | |
|---|---|---|
| **Track:** | 180A | 350 |
| Material | Aluminium in Mill or Clear Anodised | |
| Standard Lengths | 2000mm, 3000mm, 4000mm and 6000mm | |
| **Hanger Sets:** | | |
| Intermediate Hanger Set: | BWS4-50SH | BWS4-100SH |
| End Hanger Set: | | |
| Face Fix | BWS2-50SF | BWS2-100SF |
| Edge Fix | BWS2-50SH | BWS2-100SH |
| **Pivot Set:** | | |
| Face Fix | BWS1-100F | BWS1-100F |
| Edge Fix | BWS1-100H | BWS1-100H |
| **Jamb Pivot:** | BW189F | BW189F |
| **Hinge Sets:** | | |
| 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 |
| **Channels:** | | |
| Polypropylene | 94P | 94P |
| Polyprop Plus Support | 94PPA | 94PPA |
| Aluminium | 94A | 94A |
| Standard lengths | 2000mm, 3000mm, 4000mm and 6000mm | |
| **Accessories:** | | |
| Lever Furniture | 288 | 288 |
| Lock Body Dual Access | 286AD | 286AD |
| Lock Body | 286A | 286A |
| Non Locking Handle | 286N | 286N |
| Locking Handle | 286L-40 | 286L-40 |
| Locking Handle Dual Access (Rod pack dependant on panel) | 286DL | 286DL |
| 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**
Dual Point Lock: (SS) Satin Stainless, (SN) Satin Nickel, (PBR) Powdercoat Black
Hardware: (SS) Satin Stainless
Flush bolts: (SS) Satin Stainless



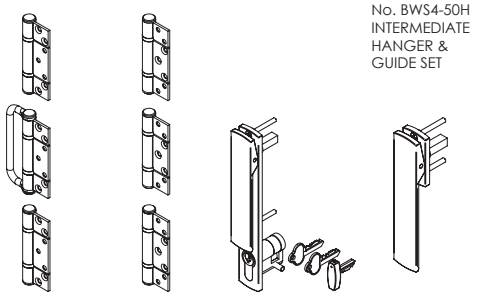


No. BWS1-100H PIVOT SET

No. BWS2-50H END HANGER & GUIDE SET

No. BWS2-50F END HANGER & GUIDE SET

No. BWS4-50H INTERMEDIATE HANGER & GUIDE SET

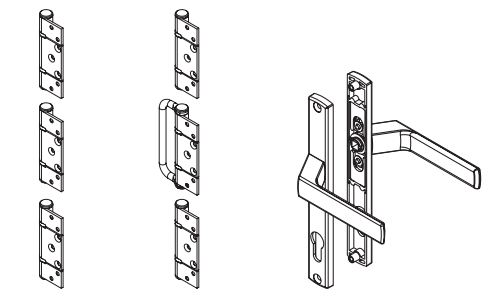


No. BW3-100H HINGE HANDLE SET

No. BW5-100H HINGE SET

No. 286L LOCKING HANDLE

No. 286N NON LOCKING HANDLE

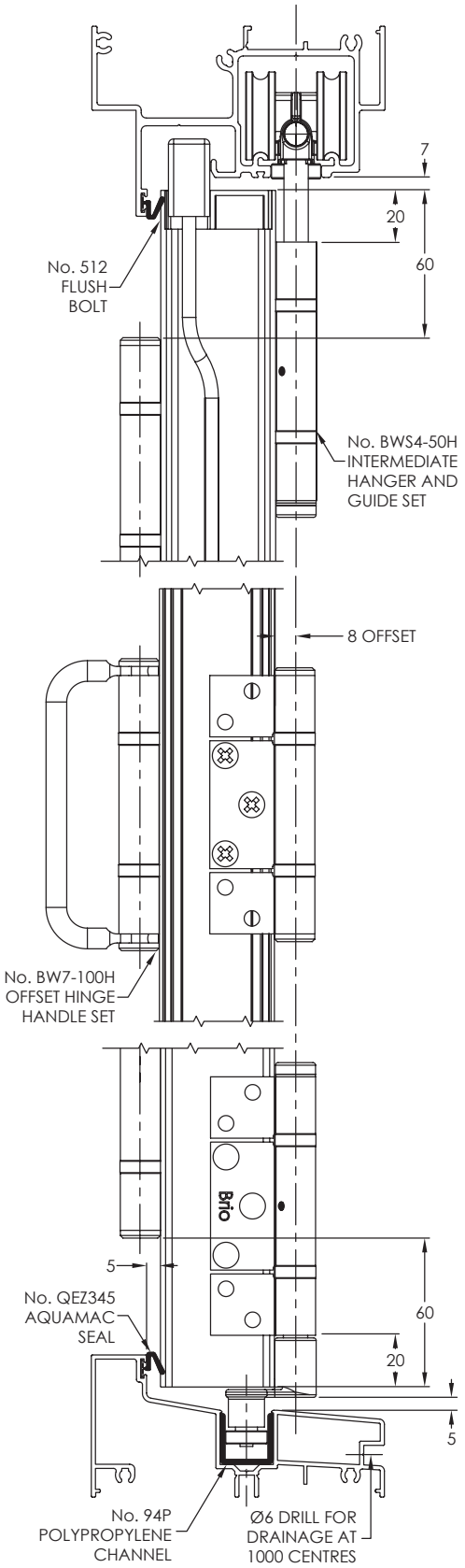


No. BW6-100H OFFSET HINGE SET

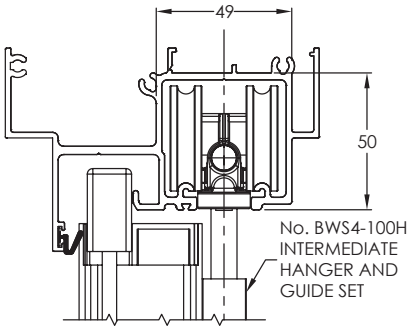
No. BW7-100H OFFSET HINGE HANDLE SET

No. 288 FURNITURE HANDLE

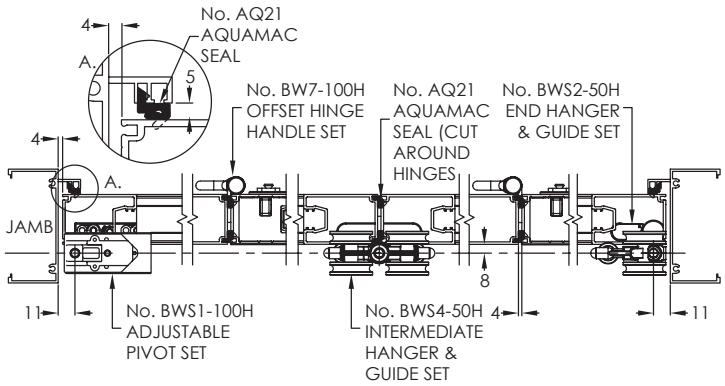
WEATHERFOLD 4s 50



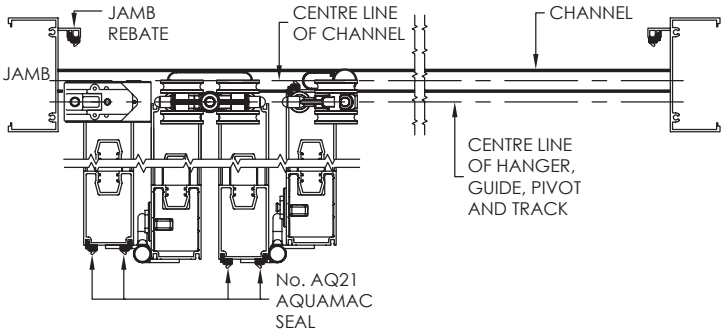

WEATHERFOLD 4s 100



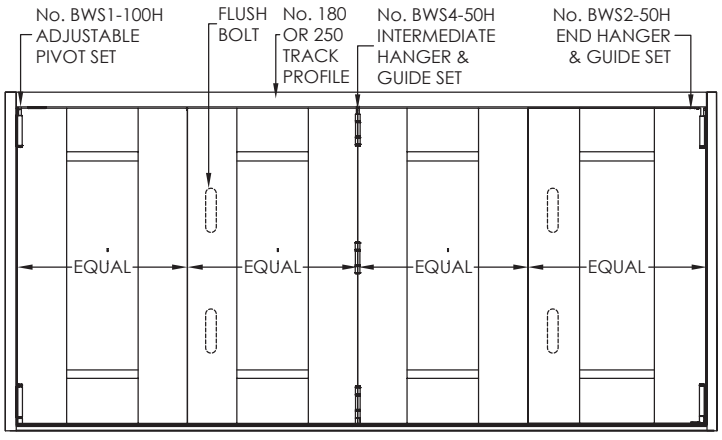

4+0 PANEL OUTWARD OPENING SYSTEM - CLOSED
(SHOWN WITHOUT TRACK OR HEAD SECTION)




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




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



# Weatherfold 4s 50 & 100 - Guide to Quantities

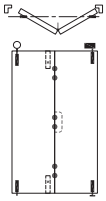
For Top Hung Exterior Folding Systems. Mortice Square Timber

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

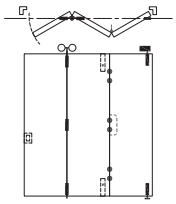
**Specification for Individual Panels**

| 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 |

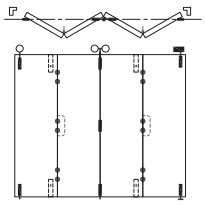
| **2 Panel Unit** | **Quantities** | **Product Codes** | |
|---|---|---|---|
| Track | 1 | 180A-A20 | 350-A20 |
| Pivot Set | 1 | BWS1-100M | BWS1-100M |
| Hinge Handle Set | 1 | BW3-100M | BW3-100M |
| End Hanger Set | 1 | BWS2-50SM | BWS2-100SM |
| Flush Bolt Top | 1 | 456 | 456 |
| Flush Bolt Bottom | 1 | 456E | 456E |
| Channel | 1 | 94PPA-A20 | 94PPA-A20 |



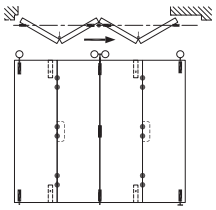
| **3 Panel Unit** | **Quantities** | **Product Codes** | |
|---|---|---|---|
| Track | 1 | 180A-A30 | 350-A30 |
| Pivot Set | 1 | BWS1-100M | BWS1-100M |
| Offset Hinge Handle Set | 1 | BW7-100M | BW7-100M |
| Intermediate Hanger Set | 1 | BWS4-50SM | BWS4-100SM |
| Flush Bolt Top | 1 | 456 | 456 |
| Flush Bolt Bottom | 1 | 456E | 456E |
| Channel | 1 | 94PPA-A30 | 94PPA-A30 |



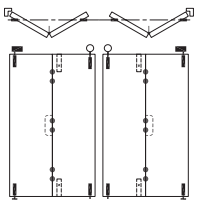
| **4 Panel Unit** | **Quantities** | **Product Codes** | |
|---|---|---|---|
| Track | 1 | 180A-A40 | 350-A40 |
| Pivot Set | 1 | BWS1-100M | BWS1-100M |
| Offset Hinge Handle Set | 2 | BW7-100M | BW7-100M |
| Intermediate Hanger Set | 1 | BWS4-50SM | BWS4-100SM |
| End Hanger Set | 1 | BWS2-50SM | 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 |



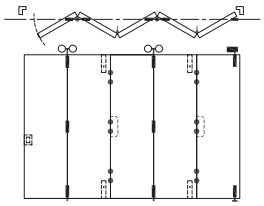
| **2+2 Panel Unit** | **Quantities** | **Product Codes** | |
|---|---|---|---|
| Track | 1 | 180A-A40 | 350-A40 |
| Pivot Set | 2 | BWS1-100M | BWS1-100M |
| Hinge Handle Set | 2 | BW3-100M | BW3-100M |
| End Hanger Set | 2 | BWS2-50SM | BWS2-100SM |
| Flush Bolt Top | 2 | 456 | 456 |
| Flush Bolt Bottom | 2 | 456E | 456E |
| Channel | 1 | 94PPA-A40 | 94PPA-A40 |



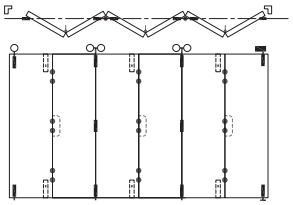
# Weatherfold 4s 50 & 100 - Guide to Quantities

For Top Hung Exterior Folding Systems. Mortice Square Timber

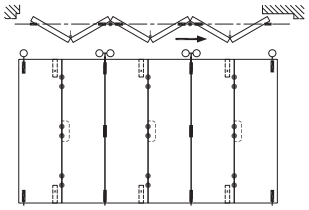
| | | Weatherfold 4s 50 | Weatherfold 4s 100 |
|---|---|---|---|
| **5 Panel Unit** | **Quantities** | **Product Codes** | |
| Track | 1 | 180A-A60 | 350-A60 |
| Pivot Set | 1 | BWS1-100M | BWS1-100M |
| Intermediate Hanger Set | 2 | BWS4-50SM | BWS4-100SM |
| Offset Hinge Handle Set | 1 | BW7-100M | 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 |



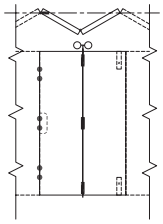
| | | | |
|---|---|---|---|
| **6 Panel Unit** | **Quantities** | **Product Codes** | |
| Track | 1 | 180A-A60 | 350-A60 |
| Pivot Set | 1 | BWS1-100M | BWS1-100M |
| Intermediate Hanger Set | 2 | BWS4-50SM | BWS4-100SM |
| Hinge Handle Set | 3 | BW3-100M | BW3-100M |
| End Hanger Set | 1 | BWS2-50SM | 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 |



## 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.

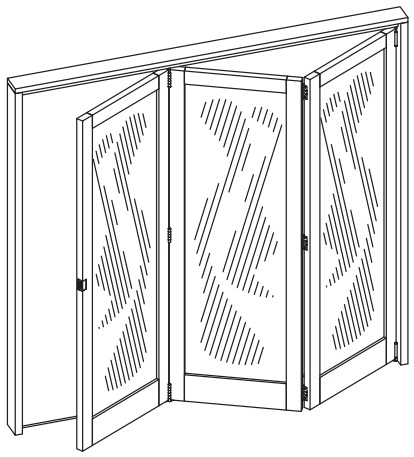
## Panel Specification

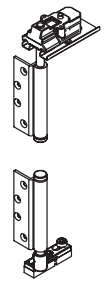
| **Track System:** | **Weatherfold 4s 50** | **Weatherfold 4s 100** |
|---|---|---|
| Max Panel Height | 3000mm | 3300mm |
| Max Panel Weight | 50kg | 100kg |
| Max Panel Width | 1000mm | 1000mm |
| Panel Thickness | 35mm | 35mm |
| Max Number of Panels | 8 each direction | 8 each direction |

## Hardware Specification

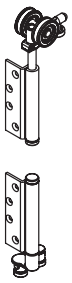
| | | |
|---|---|---|
| **Track:** | 180A | 350 |
| Material | Aluminium in Mill or Clear Anodised | |
| Standard Lengths | 2000mm, 3000mm, 4000mm and 6000mm | |
| **Hanger Sets:** | | |
| Intermediate Hanger Set: | BWS4-50SM | BWS4-100SM |
| End Hanger Set: | BWS2-50SM | BWS2-100SM |
| **Pivot Sets:** | 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.

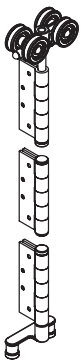




No. BWS1-100H PIVOT SET



No. BWS2-50M END HANGER & GUIDE SET

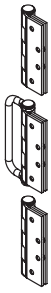


No. BWS4-50M INTERMEDIATE HANGER & GUIDE SET

No. BW3-100M HINGE HANDLE SET

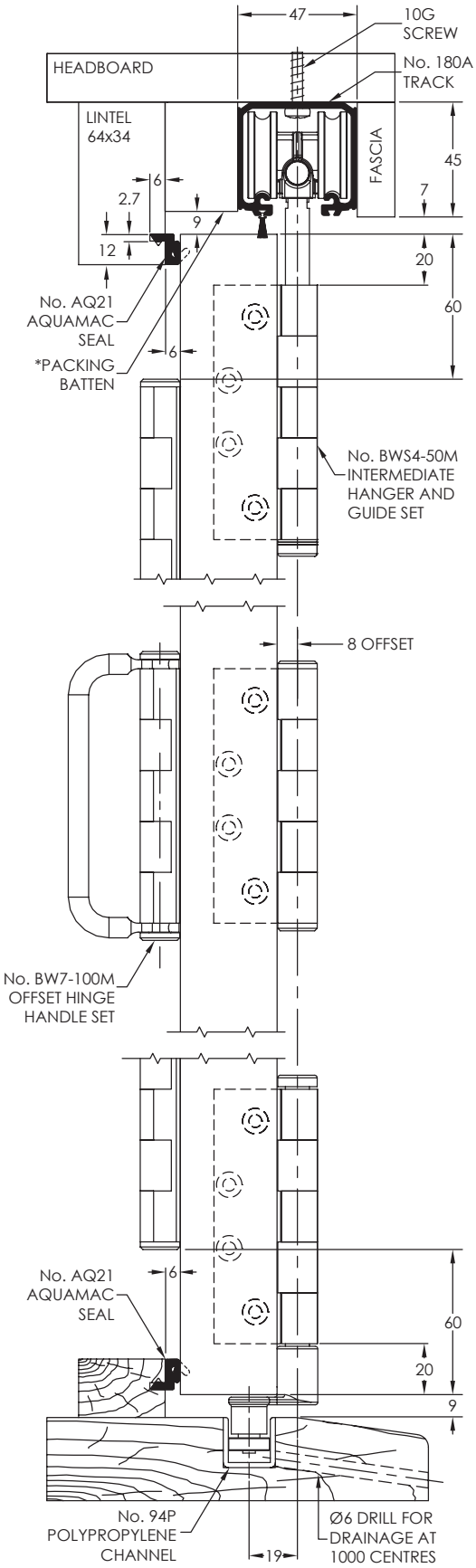
No. BW5-100M HINGE SET

No. BW6-100M OFFSET HINGE SET

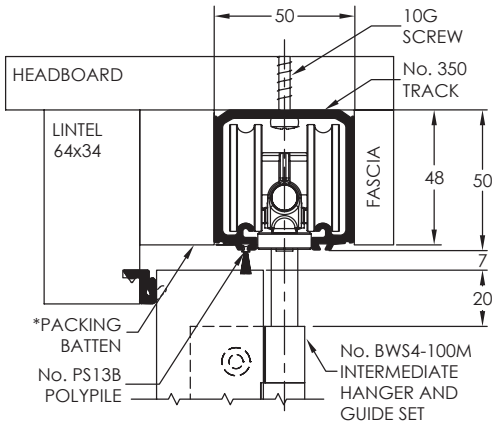


No. BW7-100M OFFSET HINGE HANDLE SET

WEATHERFOLD 4s 50




WEATHERFOLD 4s 100

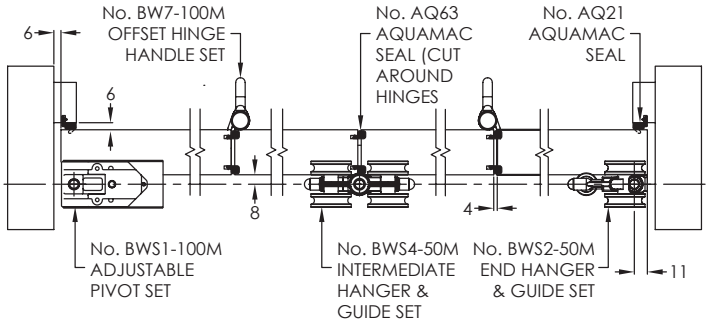



*PACKING BATTEN THICKNESS

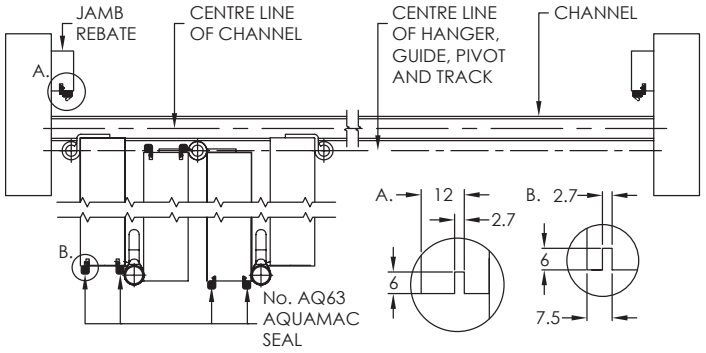
50kg TRACK:
9.5mm LESS THAN PANEL THICKNESS

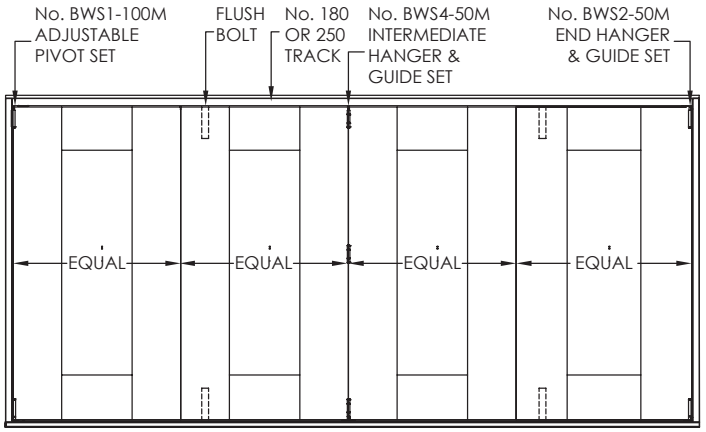
100kg TRACK:
11mm LESS THAN PANEL THICKNESS

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




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




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