ELEGANT FOLDING, SLIDING DOORS
INSTALLATION INSTRUCTIONS

TAKE NOTE

Please ensure all components are in good condition before you start.

Only fit this set using the supplied framework and hardware. Do not attempt to install in unspecified configurations. Failure to adhere to this will invalidate your warranty.

Ensure all timber components are painted, stained or varnished before you start.

PLEASE BE AWARE

This set must be installed by two component trades-people.

This set is top hung, so must be fixed upwards into a supporting structure capable of taking the product load.
BEFORE YOU BEGIN

You will need:
- Instant grab adhesive
- Fixings suitable for your surrounding structure
- 25mm router bit and router
- Plastic packers
- Power drill and driver
- 2.5mm drill bit, plus bits suitable for your chosen fixings
- Pozidrive screw driver bit
- Multi-purpose saw

Throughout these instructions, some diagrams refer to the “Inside” and “Outside” of the set. This is simply a way of specifying the sides of the bi-fold. The doors of the bi-fold will always hang on the “Outside” face of the set, so bear this in mind when deciding which way to fit the doors in the aperture.

Handles and a latch are not supplied as part of this set.

SYSTEM OVERVIEW
FRAME & TRACK COMPONENTS

PLEASE NOTE: Depending on the size of set that you purchased, your track, frame head, packing batten and covers will either be 2000mm, 3000mm, or 4000mm in length. These will be trimmed to size as part of the assembly and installation process.

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>QTY</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRACK</td>
<td>1</td>
<td>2000/3000/4000 × 40 × 30mm</td>
</tr>
<tr>
<td>HEAD</td>
<td>1</td>
<td>2000/3000/4000 × 133 × 28mm</td>
</tr>
<tr>
<td>JAMBS</td>
<td>2</td>
<td>2030 × 133 × 28mm</td>
</tr>
<tr>
<td>PACKING BATTEN</td>
<td>1</td>
<td>2000/3000/4000 × 30 × 24mm</td>
</tr>
<tr>
<td>COVER</td>
<td>1</td>
<td>2000/3000/4000 × 30 × 11mm</td>
</tr>
<tr>
<td>COVER STOP</td>
<td>1</td>
<td>2000/3000/4000 × 45 × 11mm</td>
</tr>
</tbody>
</table>
HARDWARE COMPONENTS

Use the tables below to check you have the correct components for your opening configuration in the hardware box(es) supplied with your set.

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BWS1F-35HSS</td>
<td>1</td>
</tr>
<tr>
<td>BW7-35HSS</td>
<td>1</td>
</tr>
<tr>
<td>360SN</td>
<td>1</td>
</tr>
</tbody>
</table>

BWS1F-35HSS
PIVOT SET

BWS4F-35CHSS
INTERMEDIATE CARRIER SET

BW7-35HSS
OFFSET HINGE HANDLE SET

360SN
FLUSH BOLT

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>BWS1F-35HSS</td>
<td>2</td>
</tr>
<tr>
<td>BW7-35HSS</td>
<td>1</td>
</tr>
<tr>
<td>360SN</td>
<td>2</td>
</tr>
</tbody>
</table>

3+1
**PREPARE THE APERTURE & FRAME**

Use the tables below to build your aperture (AP) to the correct size for your set. Once the aperture is built, cut your **frame head** to the designated frame width. Cut your **track, packing batten, cover** and **cover stop** to 56mm narrower than your designated frame width.

### 3 DOOR PANELS

<table>
<thead>
<tr>
<th>PANEL SIZE</th>
<th>AP. WIDTH</th>
<th>AP. HEIGHT</th>
<th>FRAME WIDTH</th>
<th>FRAME HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>533mm (21&quot;)</td>
<td>1683mm</td>
<td>2070mm</td>
<td>1673mm</td>
<td>2060mm</td>
</tr>
<tr>
<td>573mm (22.5&quot;)</td>
<td>1803mm</td>
<td>2070mm</td>
<td>1793mm</td>
<td>2060mm</td>
</tr>
<tr>
<td>610mm (24&quot;)</td>
<td>1914mm</td>
<td>2070mm</td>
<td>1904mm</td>
<td>2060mm</td>
</tr>
<tr>
<td>686mm (27&quot;)</td>
<td>2142mm</td>
<td>2070mm</td>
<td>2132mm</td>
<td>2060mm</td>
</tr>
<tr>
<td>762mm (30&quot;)</td>
<td>2370mm</td>
<td>2070mm</td>
<td>2360mm</td>
<td>2060mm</td>
</tr>
</tbody>
</table>

### 4 DOOR PANELS

<table>
<thead>
<tr>
<th>PANEL SIZE</th>
<th>AP. WIDTH</th>
<th>AP. HEIGHT</th>
<th>FRAME WIDTH</th>
<th>FRAME HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>533mm (21&quot;)</td>
<td>2219mm</td>
<td>2070mm</td>
<td>2209mm</td>
<td>2060mm</td>
</tr>
<tr>
<td>573mm (22.5&quot;)</td>
<td>2379mm</td>
<td>2070mm</td>
<td>2369mm</td>
<td>2060mm</td>
</tr>
<tr>
<td>610mm (24&quot;)</td>
<td>2527mm</td>
<td>2070mm</td>
<td>2517mm</td>
<td>2060mm</td>
</tr>
<tr>
<td>686mm (27&quot;)</td>
<td>2831mm</td>
<td>2070mm</td>
<td>2821mm</td>
<td>2060mm</td>
</tr>
<tr>
<td>762mm (30&quot;)</td>
<td>3135mm</td>
<td>2070mm</td>
<td>3125mm</td>
<td>2060mm</td>
</tr>
</tbody>
</table>
ASSEMBLE THE FRAME

Arrange the packing batten on the frame head as per the diagrams below.

Using an instant grab adhesive, glue the packing batten to the frame head along edge 1. Make sure you glue the component in the positions detailed above.
**ASSEMBLE THE FRAME**

Slot the two **frame jambs** either side of the **packing batten**. Pre-drill two holes through the top of the **frame head** into each of the **jambs**, then fix through using woodscrews.

![Front View](image)

**FIT THE FRAME**

Taking note that the doors will open away from the **packing batten**, offer the frame up to your opening and pre-drill through the **jambs** at 450mm centres. Fix through the pre-drilled holes into the surrounding walls. **Pack out as necessary to ensure jambs are vertically level.**

![Diagram](image)
HARDWARE CONFIGURATION

Now the frame is fixed in the opening through the jambs, use the diagrams below to determine the hardware positions for your configuration.

All the diagrams below show hardware positions for configurations opening from the right to the left. The hardware order can be reversed to change the direction of opening.

3 + 0

360SN

BWS1F-35HSS

BWS4F-35CHSS

INSIDE

OUTSIDE

3 + 1

360SN

BWS1F-35HSS

BWS4F-35CHSS

BWS1F-35HSS

INSIDE

OUTSIDE
HINGE PREPARATION

With a 2.5mm drill bit, drill pilot holes for the hinges into the door panels. Use the two diagrams below to determine your pilot hole positions depending on which hinge set you are preparing for. **DO NOT FIT HINGES AT THIS STAGE.**

BWS1F

BWS4F & BW7

X = 20 on BWS4F
X = 60 on BW3 & BW7

SHOOTBOLT POSITIONS

Using a 25mm router bit, rout out in the necessary positions and fit the 360SN shootbolt(s).
FIT THE BOTTOM PIVOT MOUNT

For all doors to be fitted using the BWS1F-35CHSS end pivot set, use the diagrams below to fit the pivot mount to the jamb. **DO NOT FIT HINGE TO PANEL AT THIS STAGE.**

PRE-DRILL TRACK & HEAD

Offer the **track** up to the **frame head** against the **packing batten**. Pre-drill up through the **track** and **head** into your supporting structure in the positions detailed below. **DO NOT FIX AT THIS STAGE.**

Drill up through track, head and supporting structure

Measurements in mm.
After first 6 holes, drill at 400mm intervals
INSERT TOP PIVOTS & CARRIERS

Remove the track from the head section. Insert all top pivots and carriers into the track in the correct order for your opening configuration.

EXAMPLE
3+0 set opening in a 3L configuration

FIX THE TOP TRACK

Apply a light amount of instant grab adhesive along face 2 of the packing batten. With the top pivots and carriers still inserted, align the track up against face 2 of the packing batten and fix up through the pre-drilled holes into the supporting structure.
LOCK TOP PIVOTS

For all top pivots, push up against the relevant jamb and lock in place with the clamp plate and screws, using the allen key provided.

HANG THE DOORS

1. Bring pivot panel to pivots
2. Bring 2nd panel to pivot panel
3. Fit carrier set to 2nd panel
4. Bring 3rd panel to carrier set

REPEAT STEP 1 FOR ANY REMAINING PIVOT DOORS, OR STEPS 2 - 3 FOR ANY REMAINING CARRIER PANELS.
ADJUST THE DOORS

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

Adjust all hangers and top pivot until panels are level with track.

Wind jamb pivot bolt in or out until it aligns with hinge bolt on panel after top pivot is set.

FIT COVER & COVER STOP

Apply a generous amount of instant grab adhesive along faces 3 and 4 of the cover. Secure in place up against the track and head.

Apply a generous amount of instant grab adhesive along face 5 of the packing batten and face 6 of the cover stop. Secure the cover stop in place up against the head and packing batten.
Hardware is subject to deterioration from everyday use and from the environment that it is in. In particular, it is important that routine maintenance be carried out in industrial applications.

**General**
Inspect all fixing bolts for tightness every six months, including those securing brackets. Tighten if necessary.
Routinely check for wear and if excessively worn, the part should be replaced.

**Track**
Keep track free from obstruction and excessive dirt or water. Visible surfaces should be cleaned using a damp cloth and mild detergent, then wiped dry.

**Hangers & Pivots**
All hangers are fitted with lubricated ball-bearings or plain bearings, requiring no greasing. If doors 'settle' and door clearance is reduced causing friction, raise the door by the hanger adjustment nuts. Wash as per the above recommendation and apply a light application of corrosion preventative to all surfaces, using a dry cloth to remove excess.

**Guides**
Guide roller and guide channel must be kept clear and free of obstructions. Wash as per the above recommendation and apply a light application of corrosion preventative to all surfaces, using a dry cloth to remove excess.

**Rollers**
All bottom rails should be free from obstruction and excessive dirt or water. Visible surfaces should be cleaned using a damp cloth and mild detergent, then wiped dry. All rollers are fitted with sealed precision bearings requiring no maintenance.

**Hinges**
Visible surfaces should be cleaned using a damp cloth and mild detergent, then wiped dry. Apply a light application of corrosion preventative to all surfaces, using a dry cloth to remove excess.

**Flush Bolts**
Visible surfaces should be cleaned using a damp cloth and mild detergent, then wiped dry. Apply a light application of lubricant to internal mechanisms and bolt using a suitable nozzle-spray.