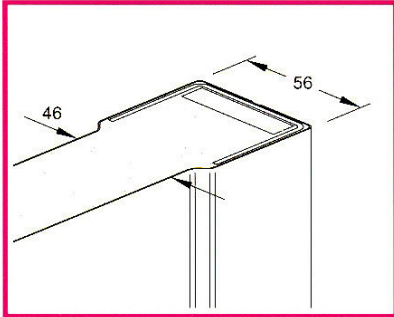
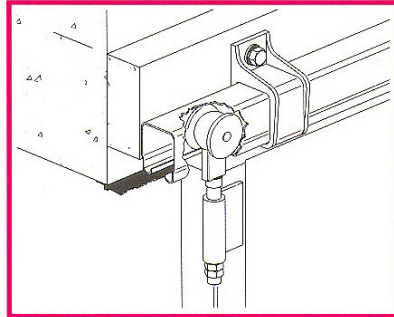




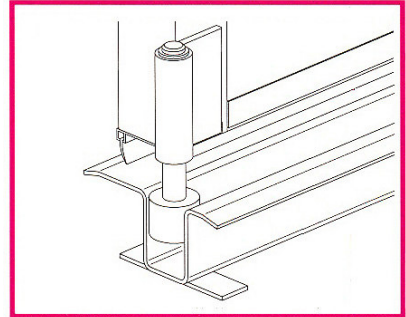
## 1000F Insulated Folding Doors



**Panel Edge**



**Top Track**



**Bottom Roller Detail**

### Standard Details and Equipment

<p><b>Type of Door</b></p>	<p>Bostwick Bo-Shan 1000F Insulated Folding Doors is top hung, flat panelled multi leaves, which are arranged so that all leaves slide and fold to one side behind the jam.</p>
<p><b>Panel Construction</b></p>	<p>Panels are constructed from a 50 x 45 x 1.6mm thick cold rolled galvanized channel frame with local reinforcement for hardware. The frames is covered on both sides with min. 0.6mm thick galvanized steel sheets and pressure injected with CFC free polyurethane foam to form an extremely strong, flat panel. The panel thickness is 52mm and has a U-value of 0.40 Watts/m<sup>2</sup>/°C.</p>
<p><b>Seals</b></p>	<p>Double EPDM wiper seals are fitted at the bottom of each door panel. A 35mm long nylon brush strip is fitted across the lintel. A full height EPDM lap seal and full height EPDM butt seal are fitted to the jamb and leading edge panels respectively. Each of these seals are fitted in aluminum extrusions.</p> <p>The vertical joint between panels are fitted with a pair of interlocking EPDM seals providing full height finger trap protection.</p>
<p><b>Tracks and Gear</b></p>	<p>The top track is a 5mm thick pressed steel 'C' section for direct sidewall or soffit mounting.</p> <p>Pendant hangers are heavy-duty fabrication, each with a Ø72mm sealed bearing wheel,two Ø40mm side thrust sealed bearing wheels and a Ø20mm toughened steel shaft.</p> <p>The bottom guide channel is a 3mm thick galvanized steel pressing with built in threshold and chamfered edges. Bottom guides are Ø35mm nylon rollers running onØ16mm stainless steel shafts.</p>

<b>Hinge</b>	Hinges are extruded anodized aluminum fittings with Ø16mm stainless steel pins. Bottom Apex hinges allow vertical adjustment of leaves. All hinges have self-lubricating bushes and are very low maintenance.
<b>Finish</b>	External sheet in stock color ( please see the color table ) The internal and external sheets of each door panel including all hinges, handles and aluminum extrusions are Polyester Powder Coated in standard RAL color. Powder will be Interpon 610 from Akzo Nobel.  The top track assembly will be supplied prime painted. The bottom track is manufacture from pre-coated galvanized steel. All drive fittings are zinc plated.
<b>Power Operation</b>	An Ovitor TVRFC operator c/w low level clutch disengage chains is mounted to the top track beyond the bunched leaves. The leaves are opened via a continuous overhead chain, which is connected to the leading edge pendant hanger. Leaves bunch at the jambs via a throw out system fixed to the top track.  A Westrow inverter control panel, with soft start/stop and an Open-Close-Stop push button are supplied with each motor.
<b>Maximum Width</b>	20000mm
<b>Maximum Height</b>	6000mm
<b>Maximum area of door</b>	50m <sup>2</sup> - door to one side 100 m <sup>2</sup> - door bi parting
<b>Sideroom required</b>	500mm
<b>Headroom required</b>	250mm
<b>Weight</b>	20Kg/ m <sup>2</sup>
<b>Optional Details and Equipment</b>	
<b>Wicket Door</b>	Standard lever furniture – outward opening and finished to match the door. Fitted with mortice sashlock, low- profile lever furniture and external cylinder, stainless steel hinges and hidden overhead door stay.  Emergency escape furniture – outward opening and finished to match the door, fitted with internal panic bar and external override cylinder.
<b>Vision Panels</b>	Acrylic – Double – glazed tinted acrylic vision windows in EPDM rubber gasket. Sized 680mm by 500mm with 60mm radiuses corners.  Security – Double glazed toughened glass vision windows, fully weather sealed in black aluminum frame. Sized 680mm by 500mm with 60mm radiuses corners.
<b>Locking and Hardware</b>	Lever Operation Floor Bolt – a waist height lever handle, which engages a 30 x 10 mm steel bar into a socket in the floor. Fitted internally at the intermediate joints between leaves – interlocked with motor  Low Level Manual release – in the event of power failure the motor can be disengaged instantly using a lever with built in pull handle to open the door.

## Optional Control & Safety Equipment

<b>Safety Equipment</b>	<p>Safety Edge - A pneumatic tube within the leading edge seal of the door. If the leading edge impacts with an object or person whilst closing, the door will automatically stop and re-open.</p> <p>Reflective photocell – a photocell unit is fitted at one jamb, which emits a beam across the opening to a reflective plate. If the beam is broken during or prior to closing, the door will re-open.</p>
<b>Control Equipment</b>	<p>Key Switch – Lockable On/Off Keyswitch for internal or external use.</p> <p>Digi Key – 4096 Combination keypad for internal and external use.</p> <p>Radio control – Open or Close the door remotely from a vehicle or control room. P lug-in radio receiver supplied with 1 single channel transmitter.</p> <p>Passive Infra Red Detector – Movement sensors mounted directly above the door. Can be fitted internally or externally .</p>