



Main Mullion

Tightening Screw

AL Watertight Plank

Bilateral Mullion

Back Support

Description – AL Watertight Plank

Material : Aluminum Alloy

Feature :



1. Seal is inserted into the channel of planks.
 2. The height of each plank is 16cm.
 3. The thickness of each plank is 3.5cm.
 4. With 6 lateral forces.
 5. Loading test: 1 meter plank can bear more than 1300kgf.
 6. Both side of plank is seal with plastic covers.
 7. Each meter of plank weight about 3kg.
- It can be deploy in just a short time.

Description – AL anchoring plate & Main mullion

Material : Aluminum Alloy

Feature :

1. Mullion is movable and only the anchoring plate is left.
2. There is a stainless steel tightening system with an integrated reverse U type block.
3. The main mullion is inserted with the EPDM seal that can bear high temperature to prevent drop off or damage caused by aging.

**Anchoring
plate**



Main Mullion

Description-Bilateral Mullion



Material : Aluminum Alloy

Feature :

1. For the case that the size of gate is too wide or the planks are too long to store.
2. There is a stainless steel tightening system with an integrated reverse U type block.
3. The bilateral mullion is inserted with the EPDM seal that can bear high temperature to prevent drop off or damage caused by aging.
4. The base of bilateral mullion is inserted into the ground about 2cm to provide enough pressure.

Description-AL Back Support



Material : Aluminum Alloy

Feature :

1. Assemble and disassemble in a short time
2. Telescopic and can tighten gate downwardly
3. Loading test by MIRDC: 1 meter span can bear more than 3700kgf
4. Base of back support is inserted into ground about 5cm to provide enough strength to against the pressure

Description– Stainless steel base plate



Material : 304 stainless steel

Feature :

1. Loading test by MIRDC: bear more than 80 tons without deformation
2. Level with the ground after installed to avoid the trapping hazard and water accumulation inside the base plate

Description- Tightening screw



Material : 304 stainless steel integrated

Feature :

1. Tighten the bottom plank and upper planks downwardly to ensure that it can prevent flooding
2. Lock after deployment



Description- Storage Method

Horizontal



Hidden Type



Vertical



Product Description- AL Flood Gate



Tai Chin Chemical Industry Co., Ltd

Between wall method- Tightening knob at the wet side



Between wall method- Tightening knob at the dry side



Face wall method



Face-and-Between wall method



Installation Method of main mullion-corner type



Installation Method of main mullion-diamond type



Installation Method of main mullion-hidden type



Installation Method of back support



Installation Method of back support-ceiling type



Installation Method of back support–reverse type

