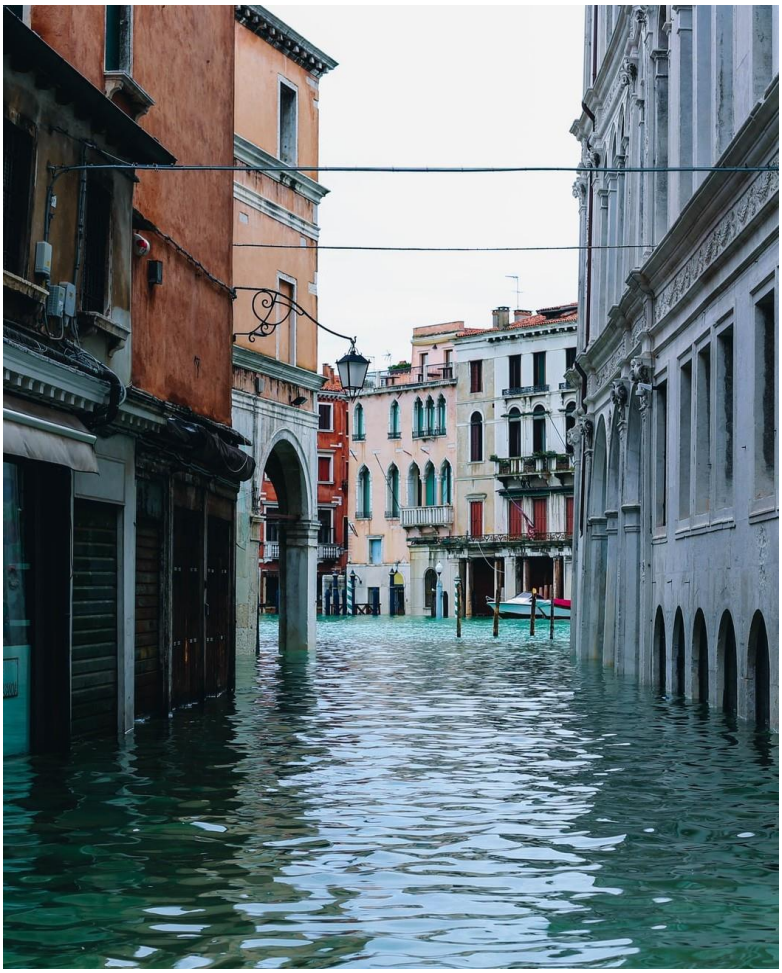
THEGREATINNOVATION

2ndGenerationAluminumDemountableFloodBarrier

FLOODD EFEND™NFP-50



As the furthering of the global warming due to environmental pollution, flooding is becoming one of the major threats to urban life and amenities, causing huge property damage and posing a serious threat to life every year.

Since the aluminum demountable flood barrier was born, it has shown unparalleled advantages on traditional sandbags, in terms of convenience, deploy speed, aesthetics and water tightness. We found that most of the individual properties' required flood protection height are always below 1.6 metres (5.3ft), but "faster and easier deployment" and "better watertightness" are persued all the time. In order to fulfil this general need, we are glad to announce our new innovative and patented

2nd generation--NFP-50 Side Compression Flood Barrier.

It consists of the following:

1. End post permanently installed at wall of building;
2. Removable and stackable flood panel;
3. Removable central post to extend the length (if required).

The full structure is in aluminum alloy in high strength against the water pressure, but light weighted to be lifted and operated by one adult only. The EPDM in the post and panels guarantees the superior water tightness of the system, while the innovative side compression design allow to compress and lock the panels by a simple one-rotation operation It efficiently improves the small water leakage at the corner of the post on the 1st generation product.

The new design has fully removed the friction between the panel and post gasket on the 1st generation during deploying and dismantling progress, which reduces the operation with hook or lubricant. The flood protection height is covered downwards by the height of the post, any optional flood height changing at every 200mm downwards can be achieved at wish depending on the flood situation. If the site requires, removable central post can be introduced for unlimited system length extension.

The permanent and pre-installed posts are in gorgeous appearance without any visual intrusion. Both the deployment against flood warning and the dismantling after flood season can be done by one adult in 5 minutes with simple tools.

Unparalleled Advantages

1. The leakage rate complies to British Regulation PAS1188-4 (Updated BS851188-2), the patented one key for side compression gives water tightness more than 95%;
2. Quick deployment and dismantle by one man with simple tools within 3~5 minutes and no visual intrution after removal;
3. Full aluminu alloy structure for high strength and low weight;
4. Module design with central post introduced for unlimitted length extension;
5. Flood height optional at will downwards the post height;
6. Good for individule properties, commercial buildings, factories, shopping fronts as well as government flood mitigation schemes.



Liability: The above data are to our knowledge correct and are intended to give information about our products. No warranty is given or implied in respect of certain properties of the products or their suitability for a particular application. We reserve the right for technical changed without further notice. We guarantee impeccable product quality under our terms of sales.



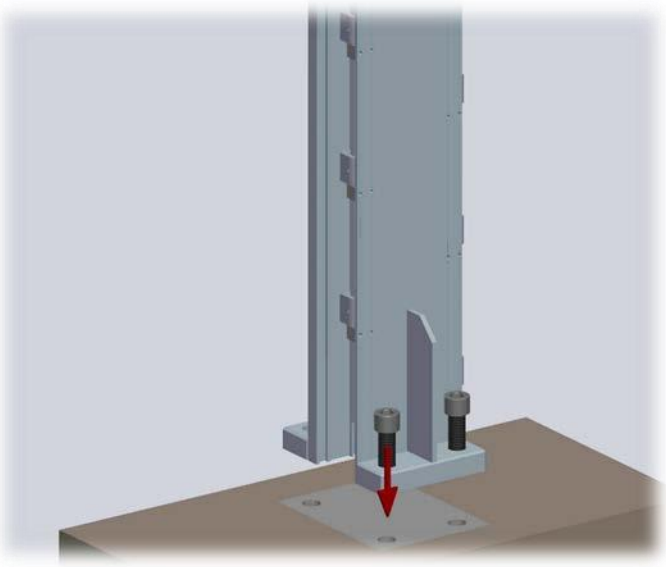
Liability: The above data are to our knowledge correct and are intended to give information about our products. No warranty is given or implied in respect of certain properties of the products or their suitability for a particular application. We reserve the right for technical changed without further notice. We guarantee impeccable product quality under our terms of sales.

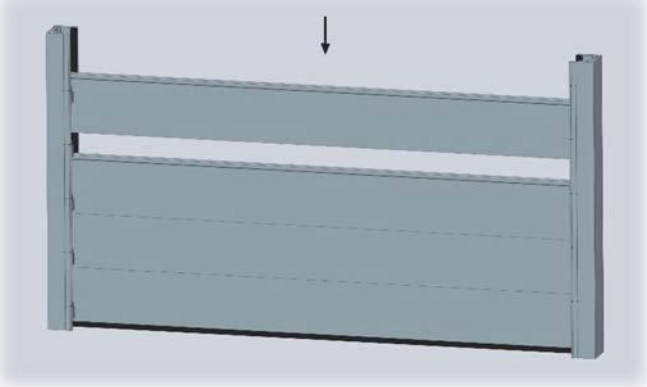
Quick Deploying Demo

1. **Install the removable central post (if any):**
   Align the bolt holes on post base to the ones in anchor plate embedded in ground, insert 4 bolts and tighten them to lock.

   *Note: We will make the design if any removable central post is required in the system, according to the site flood protection requirement.

   The central post is bolted and sitting on top surface of the anchor plate embedded in ground during the initial installation. The top surface of the anchor plate is flush with the ground with no protrusions after the central post removed after flood season.

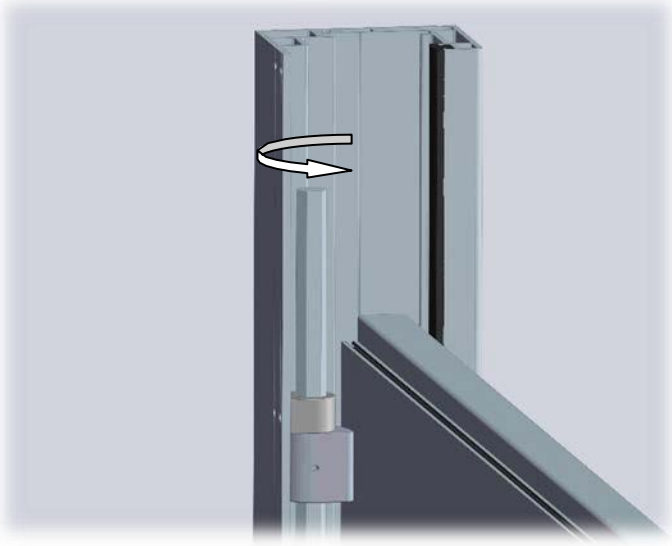


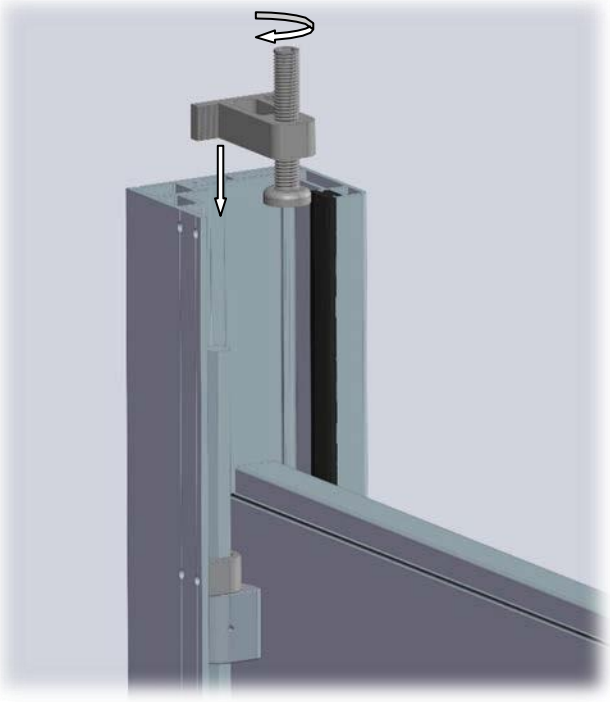


2. Stacking the removable barrier panel:
Remove the protective cover on end post and deploy the panels by stacking one by one to the required flood protection height. Try to place the panel contacting the vertical gaskets in post preparing for next side compressing work.

***Note:** The lowest panel contacting ground, should be equipped with the attached EDPM bottom gasket.

3. Apply side compression to the panels:
Rotate the main bar in the posts with tool, to have the locking blocks to give side compression to the panels





4. Apply downwards compression to panels:
Slide in the pressing tools in post's channel and tighten the long bolt to generate the downwards compression to ground.

The full system deployment finishes in short time!

5. Dismantling after flood thread:
Reverse the above steps

Liability: The above data are to our knowledge correct and are intended to give information about our products. No warranty is given or implied in respect of certain properties of the products or their suitability for a particular application. We reserve the right for technical changed without further notice. We guarantee impeccable product quality under our terms of sales.