

## Vertically Deployed Flex-Wall™

### Operation

The Vertically Deployed Flex-Wall™ is deployed by opening the trench cover, lifting the support posts and inserting them in the receivers, lifting the Flex-Wall™ and attaching it to the posts, and securing the system to the facility or the last posts in a full perimeter deployment..

Packed in Trench



Remove Covers



Mount Posts



Raise Flexible Wall



### System Components

- Fabric Wall – 2 or 3 layer flexible and damage tolerant structure
  - Kevlar® structural webbing layers
  - Coated fabric water retention layer
- Container – Below Grade concrete trench with tamper proof top panel
- Support Posts– Metal beams that react load to the ground as required based on span
- Receiver– integral Post supports

*Standard and custom configured solutions to meet your requirements*

### Configuration Options

- Standard Wall Heights (2 ft., 4 ft., 8 ft., and 12 ft.)
- Custom Heights provided based on flood elevations
- Straight or Buttressed support posts
- Fabric wall with or without debris impact

## Vertically Deployed Flex-Wall™

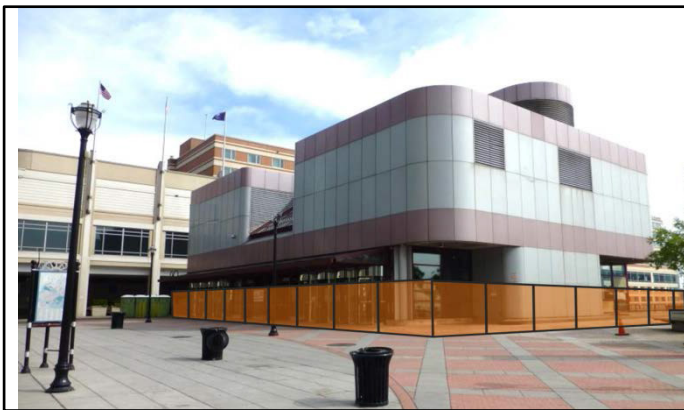
The Flex-Wall™ is a high strength, tension fabric wall that can be deployed rapidly for flood protection around buildings, doorways, power stations, and other critical infrastructure. It can be scaled to withstand any water height, and can be shaped to fit around any structure including corners of any angle. It is stored in a closed container at the point of use so that all materials and components are ready and available when needed. The Flex-Wall™ is simple to operate and can be easily deployed or stowed by a single person within minutes, even in high winds. The Flex-Wall™ can surround entire spaces (buildings), or span openings and seal against existing walls (doors, driveways, etc.).



4' Tall x 16' Wide Flex-Wall™ tested at 3' of water

### Features & Benefits

- **Point-of-use storage** - No remote retrieval, Components won't be lost over time, Site stays open till the last minute and reopens faster
- **Compact stowage** - Can store in small spaces and can be any shape
- **Simple operation** - Rapid deployment, Anyone can operate it with very little training
- **Scalable design** - Can be sized to fit any water challenge height
- **Robust materials & construction** - Reliable protection from water, waves & debris
- **Simple design with few moving parts** - Low maintenance cost & highly reliable



Deployment Rendering (shown translucent to view posts)



Log impact testing performed at ILC Test Facility