



The VERTICAL-DEPLOYED FLEX-WALL®

1



Operation

The Vertically Deployed Flex-Wall® is deployed, simply by:

Step 1

Remove cover plates from trench

Step 2

Lift support posts, and insert into receivers

Step 3

Attach Flex-Wall® to securing system to finalize deployment

2



System Components

1

FABRIC WALL

2 or 3 layer flexible and damage tolerant structure

* FLOOD LOAD-BEARING LAYER:
Kevlar® and Polyester webbing options

* WATER RETENTION OUTER LAYER:
PVC coated Polyester

2

STORAGE CONTAINER

Below ground concrete trench with tamper-proof top panel, H-20 rated plates available

3

SUPPORT POSTS

Metal beams that react load to the ground as required, based on wall span

4

BUILDING ATTACHMENT

Tie-in posts as needed

3



4



Configuration Options

Standard & Custom to meet specified project requirements

Wall Heights	1ft - 16ft
Fabric Wall	With or Without Debris Impact Capabilities
Support Posts	Straight or Buttressed
Cover Plates	H-20 Rating Options, Steel or Composite
Tamper-proof Covers on all Storage Containers and Anchors	

For more information on Dry Flood Protection Solutions, contact:

Smart Vent + ILC Dover 430 Andbro Drive, Unit 1 • Pitman, NJ 08071

Website: www.dryfloodproofing.com Tel: (877) 441-8368 Email: info@dryfloodproofing.com

The VERTICAL-DEPLOYED **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 trench 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, vehicular entrances, etc.).

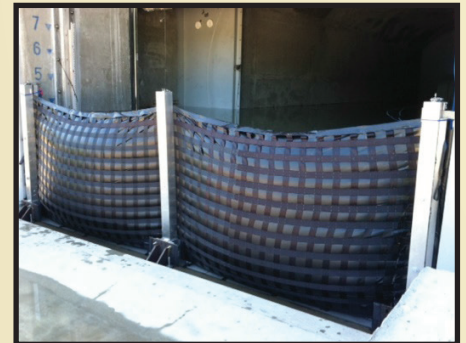
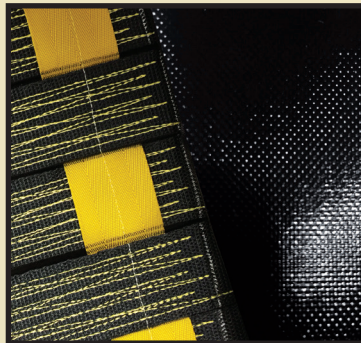
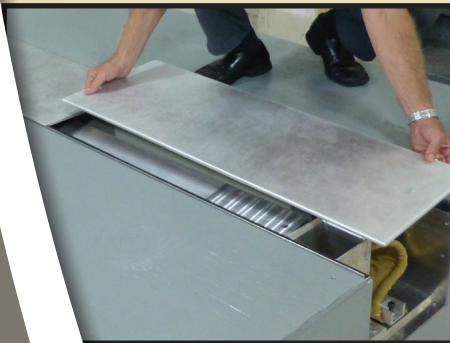


Boca Raton, FL Retail Shops, undeployed Flex-Wall®



Vertical Deployed Flex-Wall®, Boca Raton, FL Retail Shops

Features & Benefits



Rapid Deployment

- Simple operation with few moving parts
- Anyone can operate with very little training
- Most systems designed for single person deployment



Point-of-use Storage

- No remote retrieval
- Components won't be lost over time
- Site stays open until the last minute and reopens faster



Scalable Design

- Can be sized to fit any water challenge height
- Can store in small spaces and can be any shape
- Designed to meet ASCE 7, ASCE 24 and all FEMA code requirements



Advanced Materials

- Robust materials & construction
- Reliable protection from water, waves & debris
- Low maintenance cost & highly reliable

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