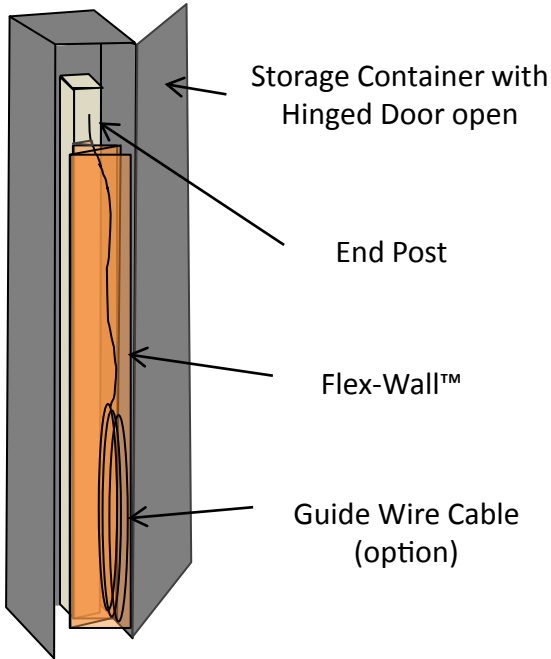


Side Deployed Flex-Wall™



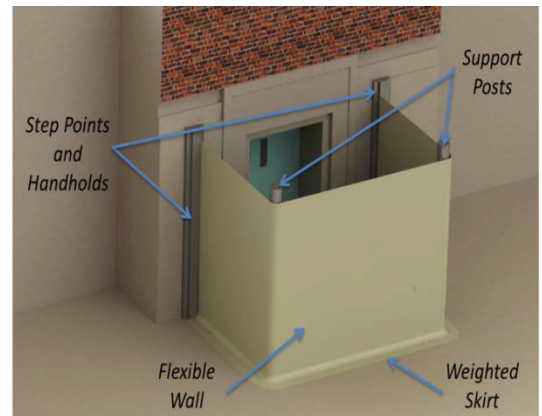
System Components

- Fabric Wall – 2 or 3 layer flexible and damage tolerant structure
 - Outer layers are Kevlar® webbings and fabrics
 - Water retention layer is CSM/Hypalon® coated Kevlar®
- Container – Above Ground Metal box with tamper proof door panel
- Support Posts– Metal beams that react load to the ground as required based on span
- Receiver– Structure that attaches to the wall opposite the Container which accepts the Flex-Call™

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 can be provided based on flood elevations
- Straight or Buttressed support posts
- Fabric wall with or without debris impact
- Clamped or Weighted Skirt depending on leakage allowance
- Tamperproof covers on storage container and anchors
- Manually deployed
- Deployment support via cables based on wall height and deployment wind conditions



Customization example of Emergency Egress



Typical installation if center post needed



Log impact testing performed at ILC Test Facility

Side Deployed Flex-Wall™

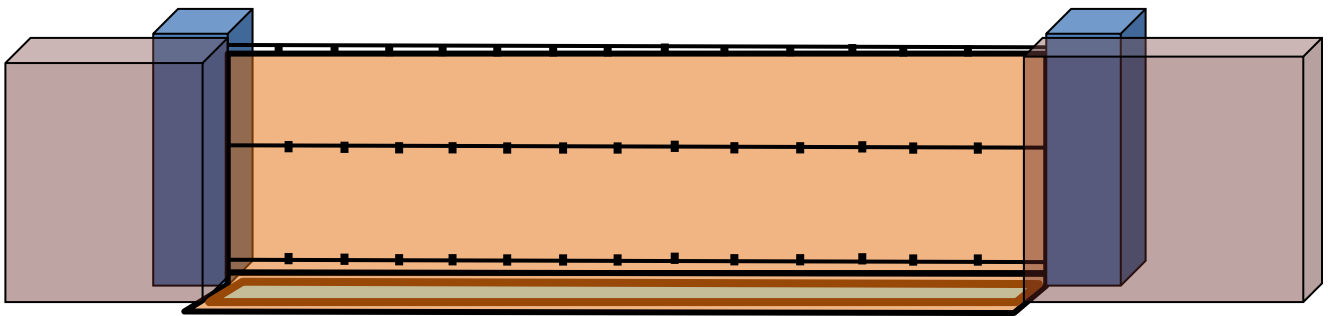
The Flex-Wall™ is a high strength, tension fabric wall that can be deployed rapidly for flood protection around buildings, doorways, power stations, and other critical infrastructure. It can be scaled to withstand any water height, and can be shaped to fit around any structure including corners of any 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.).



12' Tall x 16' Wide Flex-Wall™ tested at 10' 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



Operation

The Side Deployed Flex-Wall™ is deployed by opening the Storage Container and pulling it across an opening and bolting it to a receiver. Once attached, the integral sealing skirt is lowered and held in place by bolts to ground anchors or by weights that are integrated into the skirt at the factory. For long spans a center post can be installed. For tall walls where higher flood levels are a concern, a cable would be included that is secured at the Storage Container and then attached at the receiver during deployment. The Flex-Wall™ is then pulled across the opening like a shower curtain.