**Operation**

The Side-Deployed Flex-Wall® is deployed by opening the Storage Container and pulling the Flex-Wall® across an opening and bolting it to the 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. The Flex-Wall® is then pulled across the opening like a shower curtain.

**System Components**

1. **FABRIC WALL**
   - 2 or 3 layer flexible and damage tolerant structure

2. **STORAGE CONTAINER**
   - Side-mounted steel box with tamper-proof door panel

3. **SUPPORT POSTS**
   - Metal beams that react load to the ground as required, based on wall span

4. **RECEIVER**
   - Structure that attaches to the side wall opposite the container to complete system deployment

**Configuration Options**

- **Wall Heights**: 1ft - 16ft
- **Fabric Wall**: With or Without Debris Impact Capabilities
- **Support Posts**: Straight or Buttressed
- **Sealing Skirt Closure**: Clamped or Weighted Skirt
- **Tamper-proof Covers on all Storage Containers and Anchors**
- **Deployment support via cables based on wall height and wind conditions**

**Notes:**

- Storage and Receiving Container can be embedded to aesthetically disappear
- Some Systems will not require Support Posts

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 SIDE-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 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, vehicular entrances, etc.).

Features & Benefits

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

- **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

- **Point-of-use Storage**
  - No remote retrieval
  - Components won’t be lost over time
  - Site stays open until the last minute and reopens faster

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

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