



FLOOD PROTECTION  
SOLUTIONS

# Flex-Cover<sup>®</sup> Door



## AT A GLANCE

- High Strength for water and impact loads
- Compact for near point-of-use storage
- Rapid deployment by one or two people in minutes
- Available in six configurations for a variety of needs
- Compliant with ANSI/FM 2510 American National Standard for Flood Abatement Equipment for Openings
- Compliant with ASCE 7-10 impact standards

Flex-Cover<sup>®</sup> is a trademark of ILC Dover.

ILC Flex-Cover<sup>®</sup> Door is a high-strength flood barrier engineered to provide a flood barrier for single or double doors. It provides a watertight and impact resistant barrier by combining a structural frame, water barrier, and impact-resistant layers with advanced compression gaskets. Flex-Cover<sup>®</sup> Door can be stored near the point-of-use for deployment in minutes.

### RAPID DEPLOYMENT

Flex-Cover<sup>®</sup> Door is compact, designed to be stored near the point-of-use for fast deployment in the case of a pending weather event. Using pre-installed anchors mounted into the structure, deployment can be performed by one or two people in minutes.

### WATERTIGHT SEALS

Flex-Cover<sup>®</sup> Door advanced compression gaskets provide a watertight seal on the ground and wall interfaces using a unique compression system. The bottom gasket is automatically protected when the Flex-Cover<sup>®</sup> Door is removed from position for storage, ensuring watertight sealing for the next weather event.

### DESIGNED FOR MOST STANDARD DOOR OPENINGS AND UP TO 6 FT. DFE

Flex-Cover<sup>®</sup> Door seals against most standard building façades, including concrete, brick, and CMU, with some preparation. Wall anchor kits are available, and a location template is supplied to ensure proper positioning of the permanently installed wall anchors. It meets International Building Code requirements and ASCE 24-14, ASCE 7-16, ANSI-2510, ANSI/FM 2510 American National Standard for Flood Abatement Equipment for Openings, and ASCE 7-10. Product configurations fit:

- 2 Widths available; openings up to 48" (single door) and openings up to 86" (double doors)
- 2 ft. and 4 ft. heights (available in both widths). Panels can be stacked for a total of 6 ft. DFE

# Flex-Cover<sup>®</sup> Door



## PRODUCT USE

### OPERATION AND COMPONENTS

Flex-Cover<sup>®</sup> Door functions as a dry flood barrier installed at door and other building openings. Permanently installed wall anchors facilitate rapid deployment prior to a pending weather event. ILC Dover Flex-Cover<sup>®</sup> Door features:

- Structural aluminum frame
- Tensioned impact webbing
- Fabric water barrier
- Long-life compression gaskets
- Bottom gasket protection in storage
- Wall anchor kits

Professional surface preparation and permanent wall anchor installation recommended

### DEPLOYMENT STEPS IN ADVANCE OF PENDING WEATHER EVENT

- Retrieve Flex-Cover<sup>®</sup> Door and anchor bolts from storage
- Set cover in place and disengage gasket protection device
- Install clamping feature anchor bolts and compress bottom gasket
- Tighten remaining anchor bolts to compress wall gaskets



ANSI/FM 2510 American National  
Standard for Flood Abatement  
Equipment for Openings

#### WET SIDE

Impact Cover &  
Bladder Layers

Handles  
(not shown)



Compression  
& Base Gasket  
Protection  
Devices

Ground Gasket

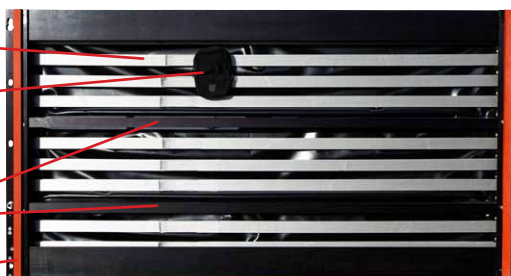
#### DRY SIDE

Structural  
Webbings

Tool Pouch

Structural  
Cross Members

Wall Interface  
Gaskets



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