

DYNAMIC FLOOD SOLUTIONS



Removable Flood Barrier with Pneumatic Seals

This heavy-duty but lightweight aluminum panel provides fast and reliable flood protection for virtually any size opening. The FB22 has been tested and certified by FM Approvals® and exceeds FEMA and NFIP Flood proofing Certification Standards.

The panel slides into permanently installed frames and inflates in minutes to create a highly reliable and extremely durable flood barrier. The FB22 is suitable for both new construction and for retrofitting openings of existing structures. In both situations, the sill can be recessed to prevent a tripping hazard.

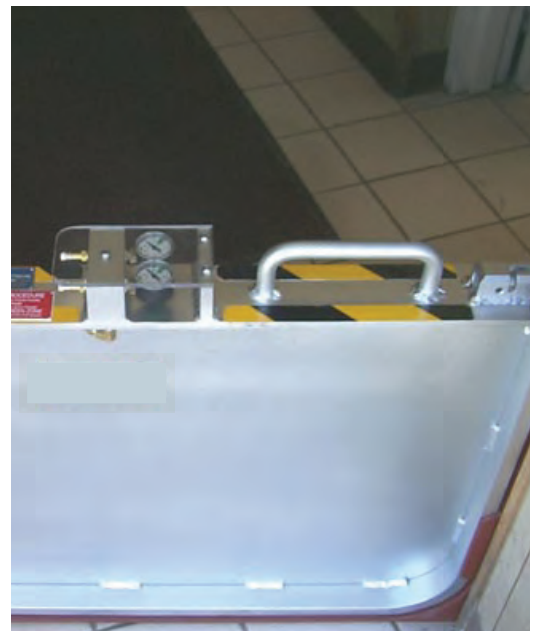
A reliable watertight seal is achieved on three sides of an opening with dual inflatable seals for redundant protection. For new construction, the frame for the panel can be aesthetically integrated with the doorjamb.

These panels can normally be deployed by one or two people. Larger panels — up to 40 square feet — can be easily deployed with a forklift or similar device. Multiple panels can be linked with removable mullions for opening too wide for a single panel.

APPLICATIONS — THE FB22 AT WORK...

The FB22 is perfect for doorway openings, loading docks or any other openings in municipal, industrial or commercial facilities. The panels can be stored out of site when not needed, and Presray's Pneuma-Seal® technology offers effective and reliable protection.

- ▶ Tough, reliable and lightweight
- ▶ Dual pneumatic seals provides redundant protection
- ▶ Suitable for new or existing construction
- ▶ Custom built for openings of any size
- ▶ Panels are stored out of site when not needed
- ▶ Exceeds FEMA & NFIP Floodproofing Certification Standards



| | |
|-----------------|--|
| Size | Custom built to any dimensions up to 40 ft ² (3.72m ²) |
| Panel | 6061-T6 Aircraft Aluminum |
| Frame | Conversion frame is made of A36 Carbon Steel. 304/316 Stainless Steel also available. |
| Seals | Presray Pneuma-Seal® technology |
| Hardware | Welded aluminum hand grips for easy handling. Manually operated slide bolts lock panel into jamb. |
| Finish | Panel is bright aluminum. Frame is blast cleaned and primed with one coat |

AVAILABLE OPTIONS

- ▶ Multi-Panel Systems with removable mullions between panels for openings too wide to be accommodated by single panel
- ▶ Frame available in stainless steel
- ▶ Hand pump or portable compressors should facility air source not be available
- ▶ Floor or Wall Mounted Storage Racks, Transport Dollies to move panels into position
- ▶ A gate version (FB22G) is available in which the panel is stored in the ceiling and is lowered for deployment

CUSTOM BUILT TO MEET YOUR REQUIREMENTS

Every FB22 Flood Barrier is custom built from shop drawings to ensure that it meets the special needs of your facility.

Barriers are designed with a minimum of 2:1 factor of safety based on material yield strength. They can be mounted inside an opening (between doorjamb), or mounted on the face of the building with the frame installed in front of the opening.

The FB22 is primed and finished on site, or, if desired, final coat can be applied at our manufacturing facility.



FOR MORE INFORMATION

778-300-7809 info@floodsolutions.ca