



Approved



Always In Place

MECHANICAL ROOM FLOOD DOOR (PD-525)

UNIQUE FLOOD PROTECTION FOR YOUR CRITICAL BUILDING INFRASTRUCTURE

The Mechanical Room Flood Door from PS Flood Barriers™ is one of the most unique products in the flood-protection market, serving as both a flood-protection barrier for your mechanical room and a normal-use pedestrian door. Our doors are available in standard or custom sizes to specifically meet your design and water-protective height requirements. These doors are ideal for electrical rooms, boiler rooms, wastewater pump stations/treatment plants, emergency backup generator rooms and more.

CONSTANT PROTECTION FROM DESTRUCTIVE FLOODWATER

- Always in place, it provides unmatched flood protection for your building's vital infrastructure
- Passive flood protection – as long as the door is closed and latched, the room is protected from flooding

BUILT WITH THE HIGHEST STANDARDS IN MIND

- Designed and tested to meet FM standards
- Available in mild steel, stainless steel or aluminum construction
- Single or paired configurations available
- Windows and other design options available depending on your water-protective height requirements

EASY INSTALLATION

- Pre-hung door and frame package for easy installation and retrofitting
- Structurally welded door frame
- Standard or custom sizes available to meet your opening requirements
- Compression gasket: no compressed air required for activation

ADDED PROTECTION

- Deadbolt lock
- Kick plates
- Louver: Max. 24" x 24"
- Vision Lite Security Glass: 5" x 20" or 10" x 10"



STANDARD TECHNICAL DATA

MATERIAL:

- Flood Door to be fabricated from the following type of material:
 - Steel: Commercial-quality low-carbon structural or formed shapes, tubing and bars of appropriate size and strength with welded construction
 - Stainless Steel: Type 304 structural or formed shapes, tubing and bars of appropriate size and strength with welded construction
 - Stainless Steel: Type 316 structural or formed shapes, tubing and bars of appropriate size and strength with welded construction
- Gaskets: UV-resistant EPDM (high-grade material) unless otherwise noted
- Door Frame: 6000 series alloy

HARDWARE:

- Frame Mounting Hardware: Provide anchors, sealant and water stop, as required
- Operating Hardware:
 - Aluminum (AL689 finish) hinge to be continuous type
 - Standard Latching/Locking Hardware: Interior two-point wedge latch with exterior hasp locking device
- Labeling. Each watertight door and frame will be individually identified for matched installation

PERFORMANCE

- Hinged, ANSI/FM 2510 rated Mechanical Room Flood Door System including door frame, door panel, threshold and door hardware

STORAGE:

- Protect materials from exposure to moisture during storage
- Store materials in a dry, warm, ventilated, weathertight location
 - If outdoor storage is required, block materials to store at an incline, to prevent pooling of any moisture and promote runoff
 - Tarp materials in a tent-like arrangement, elevated above the product with open sides to allow airflow
- Store all other hardware in a dry, controlled environment

