

Watertight Door Systems

What are Watertight Door Systems?

Typical door and frame systems will allow floodwater to leak around the frame or between the door and frame and may collapse from the force of water from high water level against the door.

A watertight door is a permanent door and frame system designed to create a waterproof seal when closed.

Where can they be installed?

Watertight doors can be used for one or more exterior openings to provide flood protection to an entire building or to protect critical infrastructure within an interior building space.

What else should you know about watertight door systems?

This technique is only effective if both the door and exterior walls are structurally sound and able to withstand the force of high water level.

All other openings into the building or interior room must be above the predicted high water level and/or protected by other techniques.

How much do they cost?

\$10,000 to \$15,000 per door (supply and installation).

What type of protection do they provide?

Watertight doors provide Passive Dry Protection.



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Exterior wall watertight door (source: *fema.gov*)



Interior wall watertight door (source: *fema.gov*)