

# Watertight Window Systems

## What are Watertight Window Systems?

Most traditional windows will leak and/or break when floodwater builds up against them. Replacing standard windows located below the high water level with watertight window systems can reduce flood damages.

Watertight glass systems are typically in the form of glass blocks and mortar fully sealed into the surrounding brick or concrete wall, but a range of other options are available that more resemble traditional windows.

## Where can they be installed?

Watertight windows are suitable for window openings located below the high water level and are most commonly applied to basement windows.

## What else should you know about watertight window systems?

This technique allows natural light into the building but generally does not provide clear views into or out of the building.

The window would be permanently sealed and cannot be used where the window is needed for an emergency exit.

This technique is only effective if all openings into the building at or below the window level are also watertight. The windows and wall systems must also be structurally sound and able to withstand the force of high water level.

## How much do they cost?

Costs vary significantly with the size of window opening and type of watertight system installed.

## What type of protection do they provide?

Watertight windows provide Passive Dry Protection.



**Watertight window on the exterior of a building** (source: [easternglassblock.com](http://easternglassblock.com))