

Temporary Water-Activated Flood Barriers

What are Temporary Water-Activated Flood Barriers?

These flood barriers are made of fabric containing absorbent polymers that swell when exposed to water, creating a floodwater barrier.

They are employed in the same manner as sandbags, but take up much less space when not in use.

Where can they be installed?

Water-activated flood barriers are typically used as a temporary, emergency measure at doorways and other flood-vulnerable building openings where flood depths are relatively shallow.

What else should you know about Temporary Water-Activated Flood Barriers?

The barriers may need to be partially pre-activated (wetted) or anchored to prevent them from floating away during the initial stages of flooding.

The barriers typically only inflate to a height of 10 cm to 15 cm. Multiple barriers can be stacked, but maximum heights are typically 30 cm or less.

Pumping may be needed to drain any water seeping around the barrier if it is subjected to flooding for a prolonged period (i.e., several hours).

They should be stored in a dry and sealed covering when not in use and they can be reused after being completely dried after each use.

Cost Range

\$16 per linear metre of barrier.

What type of protection do they provide?

Temporary Water Activated Flood Barriers provide Active Dry Protection.



Water activated flood barrier at a building entrance (*source: quickdams.com*)