Federated Insurance

FLOOD MITIGATION PRODUCTS

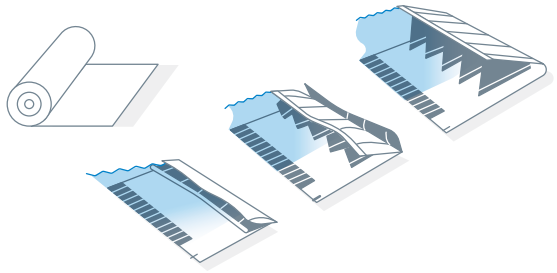
Floods cost Canadians many millions of dollars every year in property damage, lost production, lost wages, and lost businesses. But dollars can't measure the distress, the strain and the heartbreak, that flood victims suffer.

TEMPORARY FLOOD PROTECTION

The following flood protection products are products that can be stored on site at your facility and can be deployed when a flood threat is imminent. The products can be deployed in a short period of time to help protect your business and property from flood damage.

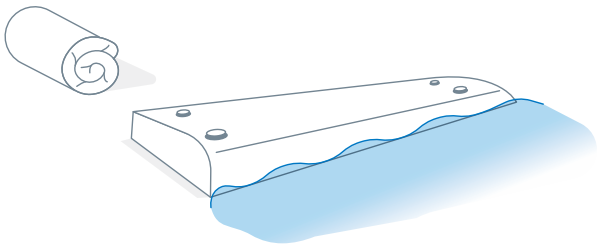
Water gate

A water gate is a PVC device that uses the pressure of oncoming water to stabilize itself. It has been proven to be | a highly effective means of containing flood damage. A single person can deploy the product in a few hours to protect a home, or larger devices can be purchased to protect entire areas and unrolled trucks. The product is lighter than sandbags, reusable and doesn't require filler material that will be contaminated after use.



Water Inflated Property Barrier

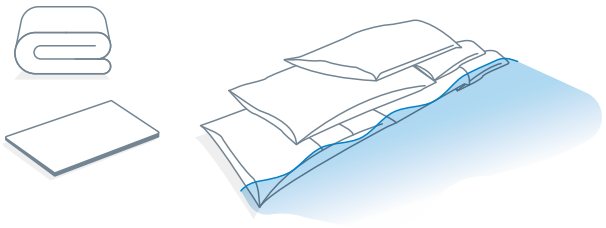
A WIPP system made from a long (up to 150 ft.), extremely durable, vinyl-coated polyester. The idea is to fight water with water, and WIPP does just that; essentially a long tube with an internal support structure, the system can be inflated with any nearby water source, acting as a heavy barrier against oncoming waters. Like other systems, WIPP can be easily and quickly deployed, repaired and packed away compactly when not in use.



Quick Dams

Water barrier socks are the fastest growing flood protection device in North America. These socks activate when wet, with no sand needed. The Inner absorbent turns to gel and creates a barrier and grows to full size in minutes, 3.5in high and be stacked as needed.

The Quick Dams flood barriers are available in 5ft, 10ft and 17ft long pieces, suitable for all types of environments.

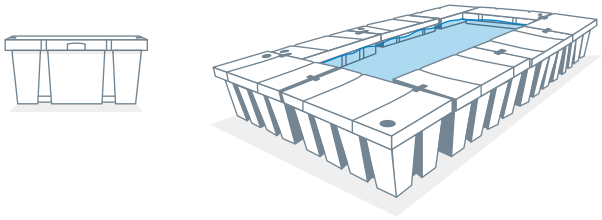


[3584-103-ed01E | 04.2021] | **Federated Insurance Company of Canada** is the insurer of Federated Insurance policies. This bulletin is provided for information only and is not a substitute for professional advice. We make no representations or warranties regarding the accuracy or completeness of the information and will not be responsible for any loss arising out of reliance on the information.

FloodBlock

FloodBlock is an interlocking block that can be stacked and positioned to protect homes and commercial spaces from flooding. The device is a self-filling crate with foam padding on the bottom creating a seal which prevents water seeping from underneath.

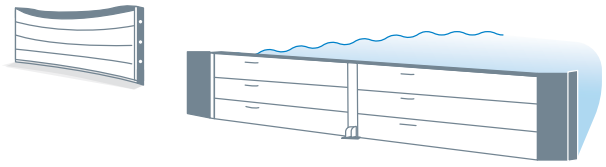
The stacking feature ensures a minimal footprint when stored away. The simplicity of the system and its light weight means that no special training is required to assemble.



Demountable Flood barriers

The following flood protection products are products that can be stored on site at your facility and can be installed around your building openings when a flood threat is imminent. The products can be deployed in a short period of time to help protect your business and property from flood damage.

Demountable flood protection systems enables the erection of a temporary flood defence wall to protect against flooding and can be configured for flood protection heights up to 4m and spans up to 3m. They are designed to be manually deployed by one or two operators and can be erected within minutes when a flood risk is imminent.

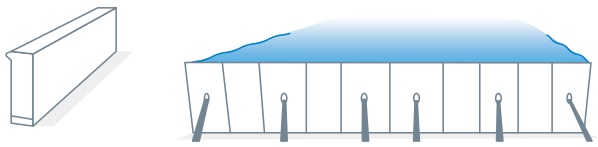


PERMANENT FLOOD PROTECTION

The following flood protection products are products that can be installed permanently in and around your site or facility. The permanent devices can protect your facility without human intervention or flood warnings.

Self-Closing Flood Barrier

Self-Closing Flood berriers will protect virtually any vulnerable opening, 24/7, without the need for human intervention or power. Permanently installed and nearly invisible, these flood barriers sit beneath entrances, roadways and other openings ready to deploy and prevent flood damage. The barrier usually resides below ground in a vertical position within a steel or concrete trough. The barrier consists of a rigid foam core and a GRP outer layer. When floodwater rises to a pre-determined level, the water spills into service pit and then through a pipe into the trough and causes the barrier to float and raise fully. When the trough is filled, an angled support block locks the barrier into place, sealing it and making it watertight. The barrier is now fully effective and watertight to its full height. As the floodwater recedes, the barrier lowers to its resting position again. The trough can be 'pumped out' also to lower the barrier before the adjacent groundwater levels recede fully.



For more information on making your business safer, contact our Risk Services team at **1.833.692.4112** or visit ***www.federated.ca***.

[3584-103-ed01E | 04.2021] | **Federated Insurance Company of Canada** is the insurer of Federated Insurance policies. This bulletin is provided for information only and is not a substitute for professional advice. We make no representations or warranties regarding the accuracy or completeness of the information and will not be responsible for any loss arising out of reliance on the information.