



Rapid Deployment Flood Protection

[www.quik-response.ca](http://www.quik-response.ca)

# QUIK-RESPONSE™

The Self-Expanding Sandbag



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Environmental Emergency Solutions.

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QUIK-RESPONSE™ Rapid Deployment Flood-Protection is a water-activated flood barrier that can easily be transported and rapidly deployed in minutes. These self-expanding sand-free sandbags are indispensable for the quick prevention of floodwater damage. **Learn why many cities, towns, governments and individuals across Canada have chosen the Quik-Response™ advantage.**

## Advantages

- Convenient to store.
- Easy to transport.
- Deploys rapidly.
- No sand, no filling/ assembly.
- No large sandtrucks/ machinery.
- Environmentally friendly.

## How it Works

Each unit of **QUIK-RESPONSE** contains an eco-friendly polymer that grows in both size and mass when exposed to water. This eliminates the need to manually fill each bag with sand. This capability allows Quik-Response to be light and compact during transportation, yet heavy and substantial when activated.



1. Initially compact & lightweight.



2. Expose to water for 3-5 minutes.



3. Grows to 40 lb. in minutes.

## Effective Barriers, Deployed in Minutes.

**SAVES MONEY.** Reduces labor & transportation costs.

**SAVES TIME.** Easy to transport. Rapid deployment.

**SAVES LABOR.** Work faster & protect more property.



## Advantages & Benefits



### Convenient to Store.

Store Quik-Response in a closet, small shed, or vehicle (equivalent to thousands of pounds of sand).



### Easy to Transport.

A regular vehicle can transport a large quantity of Quik-Response



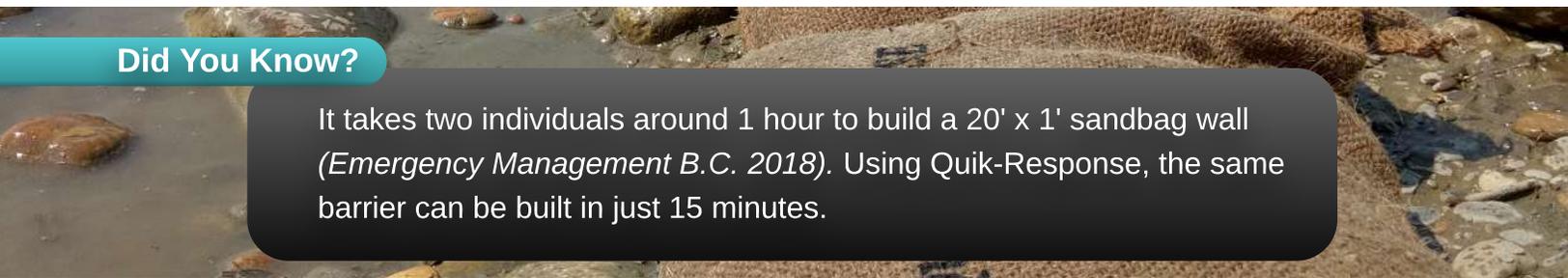
### Rapid Deployment.

One or two individuals can deploy a large Quik-Response flood barrier in minutes.



### Environmentally friendly.

Biodegradable, non-toxic and eco-friendly.



### Did You Know?

It takes two individuals around 1 hour to build a 20' x 1' sandbag wall (*Emergency Management B.C. 2018*). Using Quik-Response, the same barrier can be built in just 15 minutes.

## Emergency Response: Quik-Response vs Traditional Sandbags

From the moment emergency flooding is reported, Quik-Response demonstrates a clear advantage over traditional sandbags:

- When using Quik-Response, emergency response time is greatly reduced since coordinating loads of sand, sand delivery and work crews are no longer needed.
- Quik-Response flood barriers require less labor and are deployed at a faster rate ( increasing overall response ability & output).
- With Quik-Response, more property can be saved and less money & resources will be lost to floodwater damages.



## Areas of Application

### Flood Mitigation

- Indoor/ Outdoor Flooding
- Storm Flooding
- Flash Flooding
- Household Water Backflow
- Pipe- Leaks
- Floodwater redirection
- River Overflow

### Other Applications

- Spill Containment
- Liquid Redirection
- Liquid Absorption
- Anchoring

### Municipal Emergency Response

Heavy rains, flash floods, storms, river/lake/dam overflow, hurricanes, indoor broken water lines, sump pump failure. Infrastructure protection, overflowing drains, street flooding, urban flooding, disaster response.

### Residential Property

Houses, apartments, and condominiums, basement flooding.

### Commercial Property

Industrial area flooding, manufacturing plants, power plants, warehouses. Office buildings, retail businesses, malls, construction sites. Hotels, hospitals, educational institutions, churches, retirement homes



*Indoor Flood Protection*



*Residential Flood Protection*



*Municipal Emergency Response*



## Instructions for Use

### 3 Easy Steps

1. Transport
2. Activate
3. Deploy

**QUIK-RESPONSE** is activated by the presence of water. Activation can be achieved in the following ways:

1. Submerge bags in water for 3-5 minutes. (Recommended)
2. Hose down bags until fully expanded.
3. If sufficient amount is available, use on-site floodwater to activate bags.



Flat & Lightweight



3-5 Minutes



45 lbs.

### Creating Flood Barriers

To create walls or barriers, Quik-Response bags can be stacked identically to traditional sandbags. For tips on creating effective sandbag barriers, please visit [www.quik-response.ca](http://www.quik-response.ca)

### After-Use Disposal

Quik-Response bags are biodegradable and eco-friendly. We recommend disposal in landfills or transfer stations. Alternatively, the bags can be buried to sustain vegetation (the absorbed water will slowly hydrate the vegetation and the bag will eventually deteriorate).

## Frequently Asked Questions

### **How do Quik-Response bags work?**

Quik-Response bags are initially dry and flat until introduced to water. Once activated, due to the gel-like polymer inside the bag, it expands to a 40 lb. fully functional floodbag.

### **How long do Quik-Response bags last for?**

Quik-Response bags do not disintegrate and crumble like traditional sandbags. They can be used reliably for 2.5-3 months after initial activation, depending on sunlight exposure and weather conditions.

### **What is the shelf-life of an unactivated Quik-Response bag?**

The average shelf-life of an unactivated Quik-Response bag is 5 years.

### **How do I use Quik-Response to protect my property from flooding?**

Quik-Response bags can be stacked and used as a barrier to stop the flow of floodwater. They can also be placed in front of doorways, windows and any other entrance point of floodwater. In minutes, your home is protected from internal and external flooding.

### **How much money can I expect to save?**

Quik-Response can save you money on multiple fronts. Users will save square footage on storage space, save time and money on delivery to the flood site, save time in both, man-hours and deployment, during a flood. In short, Quik-Response saves its users time, potential flood damages, and money. In many cases, thousands of dollars are saved.

### **Do Quik-Response bags work better than traditional sandbags for flood protection?**

Most definitely. Quik-Response bags are easier to transport, faster to deploy, and form tighter and more effective flood barriers than traditional sandbags.

### **Can Quik-Response be re-used after they dry out?**

Re-activation is not reliable and, therefore, we recommend this as a single-use product ( the single-use period is for 3 months after activation).

### **What are the recommended disposal methods?**

We recommend burying the bags as the water will slowly dissipate and will hydrate vegetation. It is safe to dispose of the bags in landfills or transfer stations.

### **Is Quik-Response environmentally safe?**

Quik-Response is biodegradable and environmentally safe. The active ingredients have no negative effects on the environment based on the present state of knowledge and is often used as a soil additive for horticulture.

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## Contact Us

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Pipe- Leaks  
Floodwater redirection  
River Overflow

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Spill Containment  
Liquid Redirection  
Liquid Absorption  
Anchoring

For more information, brochures and videos, please visit:

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