Flood Control Measures: Community Outreach

An element of Beach Haven's Local Emergency Planning is Community Outreach. Council is encouraged to inform residents on measures that are available to mitigate flood damage. At our Council Meeting of November 13, 2018, there was a presentation from FloodBarrier America, a consultant who offers a variety of products that address different flood conditions. The presentation was well received by the audience in attendance.

One specific product available, the DAM EASY flood barrier, has been purchased by some local commercial establishments. During our recent storm, feedback from one business that employed the product was that it was very effective.

A number of local businesses are deploying a variety of different measures to deal with the flooding with varying degrees of effectiveness. It was commented that there was little guidance available on the internet to aid businesses and residents. We hope this information helps in this regard.

While as a Borough we cannot endorse any specific product, vendor or contractor, we believe this information might assist in helping to solve the recurring problem of nuisance flooding.

We recommend that residents, businesses and contractors exercise their own due diligence when considering flood control measures.

Further information regarding the presentation is available at the Borough Clerks office.
Flood Protection Services & Solutions

- Flood Barriers
- Installations
- Rapid Deployments
- Redirection
- Storage
- Cost Control
- Risk Management
- Risk Assessment
- Mapping & Analysis
- Prevention Plans
- Monitoring & Warning

Zachary Cutler
President

M 646-236-3066
T 716-304-8908
zcutler@floodbarrieramerica.com

Municipal • Residential • Com

Flood Barrier America, Inc.
Flood Mitigation Solutions & Services
FloodBarrierAmerica.com

Servicing USA and Canada with world-class products from Aquabarrier, Gravitas, TubeBarrier, IBS Technics, Muscle Wall. Our associate services include risk assessment, pre-flood, post-flood, storage, deployment, and collection services.
Flood defense solutions for a broad range of applications, technologies and locations.

We research and source durable innovative products and services.

We are a hub consortium of international experts, services, top quality products and solutions.

For peace of mind before the next storm comes, contact us now for your flood services and solutions:

FloodBarrierAmerica.com
Brooklyn, NY 1-716-304-8908
info@FloodBarrierAmerica.com

Municipal • Residential • Commercial • Agricultural • Industrial
Opening Barriers
Rigid Rapid Deployment Barriers

Rapid Deployment Barriers
Sandbag Alternatives

Water Filled 'Coffer Dams'
FLOOD PROTECTION
The New Retail Category
TWO TYPES OF FLOOD MANAGEMENT

RESISTANCE MEASURES
Preventing water from entering

RESILIENCE MEASURES
Allowing water to enter but protecting using water resistant products and materials

1.8 DOMESTIC D.I.Y. FLOOD RESISTANCE

RESISTANCE MEASURES DIY/FLASHFLOODING/DRY FLOOD PROOFING
£2–£6k cost to implement

Doorways: Each doorway must be protected by a dam at the reveal (structural surround around the door frame). Doorways can vary from 700mm to feature doors 2500mm plus.

Airbricks: Come in single and double sizes. These are located normally either above or just below the damp proof course (DPC). The standard number of air bricks is 1 to every meter but vary from build and age of house.

Low level windows: Windows to ground or sitting below 700mm from the ground are regarded as low level. As these windows can vary from feature windows to bay windows protecting can be difficult and sealant or water proof taping is suggested.

Downstairs toilet: During flooding water can back up through sewage systems. Toilet pan seals or bladders are suggested to dam the u-bend.

Downstairs shower or bath: Flood water can back up through the waste system. Shower and bath plugs either push fit or pressure release are recommended.

Overflow kitchen pipes: Can be 1 to 2mm opening around the pipe and expanding foam or water-tight patches area recommended.

Services boxes and cable or satellite points: There can be a 1 to 2mm opening left on the surround and must be filled with either expanding foam or adhesive watertight patches.

Kitchen and bathroom sinks: As per shower and bath fittings.
1.9 RESISTANCE MEASURES

**Extension Pole**
For use with the Dam Easy® Flood Barrier
The Dam Easy® Extension Pole allows the use of multiple barriers covering openings from 600mm to widths beyond 3000mm.

**Patch It**
Prevents flood water entering exterior openings
A rigid fixes high performance strip seal used to patch external openings susceptible to water entering during flooding.

**Security Cover**
For use with the Dam Easy® Flood Barrier
A rigid fixes high performance strip seal used to patch external openings susceptible to water entering during flooding.

**Vent Cover Snorkeyvent™**
310mm & 450mm
A Snorkel for your home. The most effective and simple solution available.

**Seal It**
Silicone Sealant & Adhesive
High performance sealant to create a watertight seal preventing flood water entering property through exterior openings.

**HydroSack®**
Sandless bag solution for temporary protection against low level flooding
The HydroSack® is a highly effective, modern method to create a barrier to the threat of flood water in domestic and communal properties. Each HydroSack® is designed to hold up to 20 litres of water. HydroSack® is saturated with freshwater (not salt water). The design of HydroSack® allows a contracted spread out that functions which prevents the contents from flowing from side to side; this versatile design will fit into openings and door widths.

**Dam Easy® Flood Barrier**
Protection for exterior openings from floodwater up to 600mm high
The Dam Easy® Flood Barrier is a unique, domestic and communal flood barrier which creates a watertight seal around the door reveal when installed. Suitable for fitting within standard reveal recesses from 70mm to 180mm.
HydroPack®
Sandless bag solution for temporary protection against low level flooding

The HydroPack® is a highly effective, modern method to create a barrier to the threat of flood water in domestic and commercial properties. Each unit absorbs up to 15 litres of water. HydroPack® is activated with fresh water (not salt water). The design of the HydroPack® is a direct replacement for sandbags and can be built up to create a free-standing barrier to stop or retard flooding water.

LEVELS OF FLOODING

Below 2 in/50mm
Above 2 in/50mm
& Below 27.5 in/700mm

HydroSnake®
Sandless bag solution for temporary protection against low level flooding

The HydroSnake® is a highly effective, modern method to create a barrier to the threat of flood water in domestic and commercial properties. Each HydroSnake® unit absorbs up to 20 litres of water. HydroSnake® is activated with fresh water (not salt water). The versatile design of the HydroSnake® measuring 100 cm in length can be spliced across doorways and around external joints to divert the flow of water.

Shower Stack
Protection for downstairs shower and baths during flooding

The Dam Easy® Shower Stack protects downstairs showers or baths from flood waters through the waste pipes.

Replacement Seal
For use with the Dam Easy® Flood Barrier

We recommend that the replaceable seals are replaced after use of every 12 months.

Toilet Dam
Prevents water rising through toilets during flooding (suitable for most makes and models)

The Dam Easy® Toilet Dam is an effective and fast blocking pop up single hole or dome toilet pan against orangebeckman during a flood.

THE WORLD'S FIRST OFF-THE-SHELF FLOOD DEFENCE SYSTEM WITHOUT FIXINGS & WITH AN INFLATABLE SEAL (PATENTED)
<table>
<thead>
<tr>
<th>Product</th>
<th>R.R.P</th>
<th>US$</th>
<th>Pack DIM</th>
<th>Carton DIM</th>
<th>Pallet DIM</th>
<th>FSDU DIM</th>
<th>EAN No:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood Barrier</td>
<td>$799.99</td>
<td></td>
<td>750mm H</td>
<td>760mm H</td>
<td>1200 x 1000mm 12</td>
<td>1073mm H</td>
<td>0 712755 903535</td>
</tr>
<tr>
<td>Extension Pole</td>
<td>$379.99</td>
<td></td>
<td>855mm H</td>
<td>900mm H</td>
<td>1200 x 1000mm 30</td>
<td>1073mm H</td>
<td>0 712755 922574</td>
</tr>
<tr>
<td>Security Cover</td>
<td>$69.99</td>
<td></td>
<td>620mm H</td>
<td>630mm H</td>
<td>1200 x 800mm 36</td>
<td>1073mm H</td>
<td>0 712755 922567</td>
</tr>
<tr>
<td>Shower Stack</td>
<td>$169.99</td>
<td></td>
<td>820 mm H</td>
<td>820 mm H</td>
<td>1200 x 1000mm 40</td>
<td>1073mm H</td>
<td>5 060468 200065</td>
</tr>
<tr>
<td>Toilet Dam</td>
<td>$169.99</td>
<td></td>
<td>415mm H</td>
<td>420mm H</td>
<td>1200 x 1000mm 40</td>
<td>1073mm H</td>
<td>5 060468 200270</td>
</tr>
<tr>
<td>HydroSack®</td>
<td>$24.99</td>
<td></td>
<td>440mm H</td>
<td>450mm H</td>
<td>1200 x 1000mm 16</td>
<td>1073mm H</td>
<td>5 060169 651746</td>
</tr>
<tr>
<td>HydroSnake®</td>
<td>$24.99</td>
<td></td>
<td>440mm H</td>
<td>450mm H</td>
<td>1200 x 1000mm 16</td>
<td>1073mm H</td>
<td>5 060169 651753</td>
</tr>
<tr>
<td>HydroPack®</td>
<td>$42.99</td>
<td></td>
<td>475mm W</td>
<td>475mm W</td>
<td>1200 x 1000mm 12</td>
<td>1073mm H</td>
<td>0 712755 922598</td>
</tr>
<tr>
<td>SnorkelVent™ 310mm</td>
<td>$45.99</td>
<td></td>
<td>600mm H</td>
<td>600mm H</td>
<td>1200 x 1000mm 60</td>
<td>1073mm H</td>
<td>7 625856 998733</td>
</tr>
<tr>
<td>SnorkelVent™ 450mm</td>
<td>$59.99</td>
<td></td>
<td>750mm H</td>
<td>750mm H</td>
<td>1200 x 1000mm 45</td>
<td>1073mm H</td>
<td>7 625856 033835</td>
</tr>
<tr>
<td>Patch It</td>
<td>$9.99</td>
<td></td>
<td>300mm H</td>
<td>Hanging Product Only</td>
<td>1200 x 1000mm N/A</td>
<td>1073mm H</td>
<td>0 712755 922581</td>
</tr>
</tbody>
</table>

**Dam Easy® Product Display Units**

**Brand Vision**

Dam Easy® brand vision: to create the domestic flood protection category and be recognised as first and only for flood protection.

*Because we care.*

**Multi-lingual Marketing Material**

All our material will be produced in the following languages: English, German, French & Spanish.