FLOOD BARRIERS
FLOOD BARRIERS WITH STEEL STRUCTURE

Purpose of use
△ Protection against flood and torrential rain
△ Protection of industrial buildings and family houses
△ Elevation of existing dams or river banks
△ Creation of an artificial runway to give the stream another direction

Main advantages of the protection
△ A mobile system of water against water
△ Low logistic demands thanks to filling with water
△ Stand-alone device even without being filled with water
△ Easy, quick and simple use
△ Use on various kinds of surface (concrete, asphalt, crushed stone...)
△ Watertight connected in an endless length
△ Connectable even in angles and so it can copy the river bed
△ Intended for repeated use

Tested and recommended by an independent testing laboratory (T. G. Masaryk Water Research Institute, public research institution, Prague, Czech Republic)

Technical parameters

<table>
<thead>
<tr>
<th>Designation</th>
<th>PZ-1.5M-2M</th>
<th>PZ-1.5M-6M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width of an empty barrier (approx. mm)</td>
<td>2 000</td>
<td>2 000</td>
</tr>
<tr>
<td>Type of segment</td>
<td>One chamber segment</td>
<td>Three chamber segment</td>
</tr>
<tr>
<td>Height (approx. mm)</td>
<td>1 500</td>
<td>1 500</td>
</tr>
<tr>
<td>Length of a segment (approx. mm)</td>
<td>2 080</td>
<td>6 080</td>
</tr>
<tr>
<td>Protective height (mm)</td>
<td>1 350</td>
<td>1 350</td>
</tr>
<tr>
<td>Type of bag filling</td>
<td>Water, top filling</td>
<td>Water, top filling</td>
</tr>
</tbody>
</table>

Installation of barriers
Connection in an angle
(photo on the front page – barriers with steel structure)
**Purpose of the use**
- Protection against flood and torrential rain
- Protection of industrial buildings and family houses
- Elevation of existing dams or river banks
- Creation of an artificial runway to give the stream another direction

**Main advantages of the protection**
- A mobile system of water against water
- **Operation can be managed by two persons**
- **Minimum logistic demands** and good storability
- Use on various kinds of surface (concrete, asphalt, crushed stone...)
- **The protective height can be risen** by installing them in the pyramid shape consisting of 3 tubes
- Watertight connected in an endless length
- Connectable even in angles and so it can copy the river bed
- The installation procedure is indicated by pictograms directly on the bag
- Intended for repeated use

**Tested and recommended by an independent testing laboratory** (Water Research Laboratories, Institute of Water Structures, Faculty of Civil Engineering, Brno University of Technology, Czech Republic)

**Technical parameters**

<table>
<thead>
<tr>
<th>Designation</th>
<th>PZ-PR40CM</th>
<th>PZ-PR80CM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube diameter (approx. mm)</td>
<td>400</td>
<td>800</td>
</tr>
<tr>
<td>Length of a segment (approx. mm)</td>
<td>10 000</td>
<td>10 000</td>
</tr>
<tr>
<td>Protective height in the basic version (approx. mm)</td>
<td>300</td>
<td>650</td>
</tr>
<tr>
<td>Protective height of a pyramid consisting of 3 tubes (approx. mm)</td>
<td>600</td>
<td>1 050</td>
</tr>
<tr>
<td>Type of bag filling</td>
<td>Filling valve with a flap trap, reducing adapter to the B75 coupler</td>
<td>Filling valve with a flap trap, reducing adapter to the B75 coupler</td>
</tr>
</tbody>
</table>

Pyramid shape consisting of 3 tubes

Installation in the pyramid shape

Discharge through the watertight zipper