

3. CONNECT ELEMENTS

Connect the dam elements with the straps after letting out some of the air. Attach the straps in such a way that they sag slightly. Move the dam into the required position. Do not drag it over the ground!



2. INFLATE

Inflate the dam elements with a special pump. Max. low pressure of 0.1 bar.



1. LAY OUT / ROLL OUT

Place the dam elements in the target location.

Loosen the straps.

Roll out the dam elements.



6. DEFLATE

Let the air out from the openings at the top. The dam element should adopt an oval shape in the process.



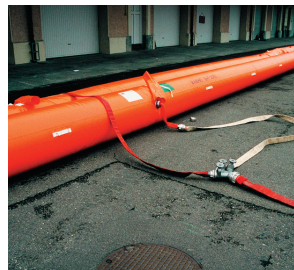
5. DURING FILLING

Make sure that the hoses do not roll away. On an inclined surface the elements lying side by side should be filled with water at the same time.



4. FILL WITH WATER

Connect a fire brigade hose and fill with water whilst letting air out at the same time. Fill both hoses at the same time.



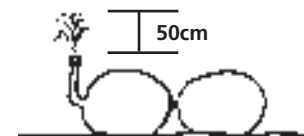
8. CHECK FILLING PRESSURE

Max. internal water pressure 0.2 bar

Checking the filling pressure:

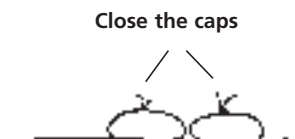
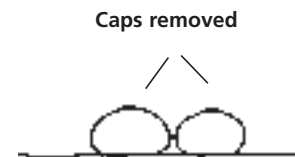
1. Hold up the filling hose and take off the cap.
2. The height of the water fountain must not exceed 0.5 m.

1.



7. CLOSE THE CAPS

1. When the dam element is half full, leave the cap open until water starts to escape.
2. Close the cap.
3. Carefully observe the filling process and immediately stop when the filling pressure is reached.



Important information for types M1 / M1XL / H1:

The single hose must be supported on the land side (e.g. by a wall). This is the only way to withstand the water pressure and prevent the hose from rolling away.

The stability and resistance to tipping of the system is impaired when a third hose is placed on top. Position a sand-bag every 2 metres on the land side. This measure will help to boost the resistance of the taller dam to tipping over. This option must ONLY be used in an extreme emergency.

1. DRAIN WATER

Open the clamping plates - the water will drain away.

Check:
Any damage to the hose dam must be professionally repaired.



2. FOLD / ROLL TOGETHER

Once the Beaver hose dam element has been completely drained, dried and cleaned, it is folded up. For information about maintenance refer to the separate data sheet.



3. TIE TOGETHER

Tie up the folded hose dam with the straps.



For information about handling, maintenance and storage please refer to the separate data sheet.



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Beaver Flood and Storm Protection System

Assembly instructions for types M50, MXL80/H100

