



"It is always really interesting and fun to see how such a light construction as a Boxwall can withstand the water pressure"- says Conny Löftstedt, product designer at NOAQ. Each of the 12 corner boxes weighs no more than 13 kilos, but in this Boxpool configuration they can hold in place no less than 9 tons of water.

Corner boxes introduced for NOAQ Boxwall BW102

The NOAQ Boxwall is a temporary mobile flood barrier, developed by NOAQ Flood Protection AB in Näsviken, Sweden. A 50cm high straight Boxwall, the BW52, has been on the market for several years, and has gradually been supplemented with various other special boxes, such as inward and outward corners. When using corner boxes, it is possible to build Boxwalls around buildings and street corners or to avoid various fixed obstacles in the landscape, such as trees, posts, and drains.

A couple of years ago, NOAQ also launched a meter high Boxwall, the BW102. Finally, it too now has corresponding corner boxes, the BW102-IC (inward corner) and BW102-OC (outward corner). This now gives the taller box the same flexibility as its older little sister.

And in the same way as with the lower BW52, you can now also create meter-high temporary pools – or as we call them, "Boxpools". With 12 inward corner boxes, you get a round Boxpool, but if you divide the circle and insert straight boxes, you can make it oblong or basically any shape or size required. Combined with a liner, the Boxpool can hold fire water, contaminated and hazardous liquids or dry material.

Both the new higher corner boxes have been tested in a Swedish hydrological laboratory, but the final test before launch was done outdoors with help from the local fire brigade, when a Boxpool was built up and filled with water.

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