

Aqua Barrier Water Inflated Dams

Aqua Barrier is an engineered temporary water inflated coffer dam which can be used for a variety of civil engineering applications requiring a dry work area. Aqua Barriers are re-usable and have been proven effective over many years in Australia and worldwide.

Aqua Barrier can be deployed and removed with no noticeable environmental impact, unlike earthen bunds or sheet piling.

Aqua Barriers have permeable internal baffles which provide stability and safety on site. The product is fully engineered using high factors of safety.

Aqua Barriers can be rapidly filled with water to the required height. No other equipment or anchorage is needed.

They can be overlapped to form enclosed areas which can then be dewatered. Apex Envirocare hold a large range of Aqua Barriers for lease to suit a variety of project needs.

Common applications include temporary coffer dams for pipe crossings, bridge repairs, jetties and boat ramps. Aqua Barriers can be used where more traditional cofferdam systems are unacceptable for environmental reasons.





Aqua Barriers are folded and rolled onto standard pallets enabling easy transportation and site handling. Once on site the pipe loops at each end of the Aqua Barrier enable the Aqua Barrier to be moved around site and into the water. The filling process is fast and straightforward with simple connections between the Aqua Barrier and on-site pumps.





Aqua Barriers are also be used in flood control projects, taking advantage of their speed of deployment. They have been used in Australia by the SES as well as in Thailand, during their extensive recent flooding. Once the flood has receded, the Aqua Barriers are deflated, rolled, palletized and stored for re-use.

Aqua Barriers can be easily overlapped to form longer flood defences or to enclose and protect existing services or structures.

All Aqua Barriers come complete with fill ports, drain ports and pipe loops, and are then simply pumped with water available on site using standard 4" or 6" pumps.



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