



**AQUATIC  
TECHNOLOGIES**  
[www.aquatic.net.au](http://www.aquatic.net.au)

## Aquatic Dam Stop Leak - How to Use Instructions

### Description

*Aquatic Dam Stop Leak* is a powder/granular blend of polymers. The product is broadcast out on to the surface water of the dam and allowed to sink vertically down below the point where it contacts the surface of the water. The polymer particles get drawn into leaking areas where they lodge and create massive blockage constricting the loss of water.

The following has been provided to assist the user maximise the effectiveness of the application of the product.

#### Step 1.

There needs to be water in the dam. The water level needs to be above the area that has been identified to be treated. If you are treating the base of the dam then sufficient depth to create enough pressure to cause the dam to start to leak is required.

#### Step 2.

The dam needs to be leaking. The leaking water acts as a carrier to transfer the product to where the leak is. The polymer gets drawn into a crack or crevice or porous area where it gets stuck and starts to expand. The expansion rates can range from 100 to 200 times their original size. As the polymer grows it creates massive blockages which constrict the loss of water.

#### Step 3.

There is a maximum broadcast distance of 3m by hand. The powder and granular components will separate if the broadcast distance is more than 3m which will affect the performance of the product. If you need to treat an area more than 3m from the bank you will need to get a boat.

Use string lines to turn a large body of water into a series of smaller 3m wide strips. This allows the product to be applied with greater accuracy.

Apply the product to each strip in two sweeps. Eg. If you have calculated that 7.2kg is needed to treat a strip of 90sqm then apply 3.6kg in one sweep across the entire 90sqm area and then do it again with the other 3.6kg. This provides for a more even application.

#### Step 4.

Although we have had feedback from clients that sealing has been achieved after 1 day we suggest maintaining a water level above the area treated for at least 2-3 weeks to give the polymer plenty of time to hydrate and create the necessary blockages.

### Other tips:

1. Use the product on low wind days.
2. Draw a map of your dam or pond and mark on it the areas you will be treating and the qty of product you will be applying for future reference.
3. If the dam has a fast leak you may need to do an extra application.
4. The product becomes tacky when wet but will wash away with running water.

*If you have any other queries please contact us at [stopleak@aquatic.net.au](mailto:stopleak@aquatic.net.au)*



### Coverage:

20kg Aquatic Dam Stop Leak covers 250 square metres of water surface area.





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## Aquatic Dam Stop Leak - How to Apply Aquatic Dam Stop Leak to a Dam Without Water

### Diagram

