



AQUATIC TECHNOLOGIES

www.aquatic.net.au



Application rates:

Container Size

1Kg Aquatic Dam Stop Leak

Coverage

Up to 13 square metres of water surface area

Container Size

4Kg Aquatic Dam Stop Leak

Coverage

Up to 50 square metres of water surface area

Container Size

10Kg Aquatic Dam Stop Leak

Coverage

Up to 125 square metres of water surface area

Container Size

15Kg Aquatic Dam Stop Leak

Coverage

Up to 188 square metres of water surface area

Container Size

20 Kg Aquatic Dam Stop Leak

Coverage

Up to 250 square metres of water surface area

Aquatic Dam Stop Leak - Quick and effective water sealing solution

Aquatic Dam Stop Leak provides a quick, safe and easy way to apply solution for sealing leaking irrigation or stock watering dams and even ponds.

Aquatic Dam Stop Leak is specifically formulated for efficient application, eliminating the need to rely on large excavation equipment, external labour or other introduced bulk materials.

Aquatic Dam Stop Leak stops leaks in dams with a simple application requiring no waiting time, no extra loss of precious water and no wasteful dumping of existing water.

Aquatic Dam Stop Leak is made up of polymer granules that are 99% insoluble which become immediately active when applied.

When applied, *Aquatic Dam Stop Leak* is sucked into the dam's cracks and porous areas through hydraulic forces to plug any leaks. As the *Aquatic Dam Stop Leak* is drawn into the dams cracks and porous areas, the products positive charge attracts more particles resulting in a positive seal caused by the expansion of the polymers.

Unique Benefits

20kgs TREATS OVER 315m² of water surface area

Aquatic Dam Stop Leak creates a seal without the need to empty the dam of water.

Aquatic Dam Stop Leak can be applied to full or partially full dams.

The application of *Aquatic Dam Stop Leak* is quick, simple and begins to work immediately.

The application of *Aquatic Dam Stop Leak* is cost effective without the need for heavy expensive earthmoving equipment.

Treatment can be targeted directly at a known leakage problem area or if the general location of the leak is not known then the entire dam can be treated.

Aquatic Dam Stop Leak is easy to apply.

Aquatic Dam Stop Leak is non toxic, biodegradable and environmentally friendly.

Aquatic Dam Stop Leak is long life. Once polymers are in place, they will become part of the dam structure and will last for many years to come.

Application Method

To apply *Aquatic Dam Stop Leak* when the location of the leakage is not known, simply spread the product over the entire waters surface by hand or with an appropriate powder applicator, at the specified application rate.

If the location of the leak is known *Aquatic Dam Stop Leak* can be applied in general area of the known leakage, at the specified application rate.

Application Rate

Apply *Aquatic Dam Stop Leak* at a rate of 80g per square metre of water surface area.

For best results apply *Aquatic Dam Stop Leak* when water temperature is above 5°C and where wind conditions are light.



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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.



Coverage:

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

