



# Soilfloc® Sealant

Frequently Asked Questions



## What is Soilfloc Sealant?

Soilfloc® Sealant is a polymer based, Earthen Pond Sealant. Polymers make up many of the materials in living organisms, including proteins; they are natural or synthetic substances composed of very large molecules (macromolecules). Soilfloc® Sealant is an Anionic Polyacrylamide polymer, also known as PAM.

## What is PAM?

PAM is a synthetic (man-made), potassium or sodium based, long-chain polymer (same molecule repeating itself many times) designed to attract either positively charged particles or negatively charged particles. For more information on PAM, visit us on the web at [www.aquaben.com](http://www.aquaben.com) and read "Explore The Power of Polyacrylamide" under "Resources" or speak with a technical representative. Anionic polyacrylamide has no aquatic toxicity

## How does Soilfloc® Sealant work?

Soilfloc® Sealant is a combination of synthetic, anionic PAM's, that both flocculate and hydrate, to plug leaks and stop water loss. Together, this powerful combo is pulled into cracks and crevices by the draw of the leak, binding suspended and surface solids, and swelling to over 300X its weight, to plug the leaks and stop the flow of water.

## Do I have to drain my pond?

NO!! There is no need to empty your pond, Soilfloc® Sealant is designed to locate leaks by following water as it's pulled into the cracks and crevices by the draw of the leak. We recommend that your pond has at least 4' of water unless the product is applied during construction in a dry pond\*.

In the case of small backyard decorative ponds, we've had customers achieve positive results, however, the product is not designed to work in shallow waters.

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### What to expect when you order Soilfloc® Sealant

Soilfloc® Sealant is sold by the unit

A Unit is 110 lbs. You'll receive two 55 lb. bags per unit. Part A will be in a double lined paper bag and Part B will be in a double lined plastic bag. Orders of 4 units or less are shipped UPS, in approved, double walled, custom boxes. Use care when opening boxes as to not cut into the contents of the boxes. Orders over 4 units are shipped on a pallet.

### Always inspect freight when your product arrives!

Prior to accepting your delivery, always inspect your freight for damage. Hydrosorb, inc. is not responsible for any damaged freight accepted by the customer.

### Why is there spilled product in my box when I open it?

When you open your box or inspect your bags you may find a bit of residual product coming out of the spout on the bags. This is normal when using spouted bags for dry products and happens during the sealing process. Make sure this product is swept up as it can pose a slip hazard. Refer to SDS prior to use.

### How do I apply Soilfloc® Sealant?

Simply follow the application instructions as directed.

### What can I expect during application?

Soilfloc® Sealant is a highly effective solution to leaking ponds. However, it's not magic and it has to be applied to work; this requires a little effort & some patience. Applied as directed Soilfloc® Sealant is an effective tool to seal stubborn leaks, providing the best and least expensive solution to seal your leaking pond.

Please follow the application instructions, as written, for best results. But due to the ingenuity of many of our customers, we've heard of people trying different application methods, without changing the dosages as prescribed on our instruction sheet. Always review the SDS prior to working with Soilfloc® Sealant.

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### Tips and Disclaimers

SOME Soilfloc® Sealant part B will float -it doesn't mean there's anything wrong or it's not working. This is especially true if you have a pond with large cracks and crevices and have custom ordered larger sized crystals to seal your leaks. Because they take longer to swell, they may not sink before swelling.

If you do have floaters, you can collect them, let them dry out and reapply, or you can discard them. Some polymer crystals may remain on the bottom of your pond following application, they eventually become part of the soil matrix and other than feeling squishy on your toes, they won't hurt you.

There is NO magic pond sealant and despite the claims of many happy customers, Soilfloc® Sealant is not magic pixie dust. It's science. Our 40+ year reputation speaks for the success of this product. We've had the honor of sealing thousands of leaks for many happy customers. Although not designed to compensate for poor pond construction, even the most renowned pond builders have come to rely on Soilfloc® Sealant to solve their problem when baffled by a leak. As with anything, Soilfloc® Sealant has limitations. We don't do the application, so don't warranty the work. We do stand by the product quality and only ship product that meets our strict product specifications.

### Before and After Application

Please wear safety glasses and a dust mask during application. A "paint suit" can be purchased to prevent getting any product on your clothing, if product gets your clothing, please shake the clothes out thoroughly prior to washing. To clean the boat, remove it from the water and turn upside down in the sun. When dry, the bottom of the boat may be wiped clean of any residual polymer with a dry cloth. Do not attempt to wash the polymer away with a hose, allow it to dry and remove it with a dry cloth, the same goes for the inside of the boat.

\*For dry application methods, please speak to a Qualified Soilfloc® Sealant Representative regarding your project, prior to ordering.

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