



Soilfloc® Sealant FAQ

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 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. There is no need to empty your pond, Soilfloc® Sealant works best when it's full. It's designed to locate leaks by following water as it's pulled into the cracks and crevices by the draw of the leak. For best results, we recommend you use our product on ponds that are at least 4', 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 environments.

What is flocculate and hydrate?

Anionic polymer has molecules that carry negative charges. They pick up (flocculate) positively charged particles, such as suspended and surface clay & sand in your pond, much like a magnet picks up metal objects. The other unique aspect of our formulation is our anionic cross linked, insoluble polyacrylamide, which absorbs and retains large amounts of a water (over 300X its weight). 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.

What to expect when you order Soilfloc® Sealant

Soilfloc® Sealant is sold by the unit

A Unit is 100 lbs. You'll receive "2" 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 a miracle and it has to be applied to work. Product application *does* require some patience. When applied as directed it gives the pond owner a fighting chance against leaks that normally would not be fixed without reconstruction or expensive pond liners.

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.

Tips and Disclaimers

SOME Soilfloc® Sealant part B will float; this happens -it doesn't mean there is anything wrong with your product! 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. You may also see these polymer crystals at the bottom of your pond for a while following application, they'll eventually become part of the soil matrix.

There is NO magic pond sealant and despite claims, this is not magic pixie dust. It's science and it's an effective tool to seal stubborn leaks. 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. That said, it's not going to compensate for poor pond construction. Yet even the most renowned pond builders have been baffled by a leaking pond and have come to rely on our product to solve their problem. As with anything, polymers have limitations. We don't do the application, so we don't warranty the work. We do stand by the product quality and only ship product that meets our strict product specifications.

*Speak to a Qualified Soilfloc Sealant Representative regarding your project, prior to ordering.