



1-855-545-4900

The only source for PROFESSIONAL grade
Spray-on pond lining and water feature
coatings available through DIY kits

DB Linings Seal Tite Support
1-855-545-4900 (option 3)
service@spray-lining.com

**** Call for Professional Facts on Installation Questions ****

Directions for Seal Tite Ultra Pond & Water Feature Coatings

**** WARNING: Mix only the amount you can apply within 15 minutes (use small quantities until you are familiar with our product to avoid premature curing) ****

Seal Tite Ultra for Aquatic Containment and Koi Ponds

Our Poly-hybrid Coatings have been specifically designed to bond to porous or abraded materials. With a tensile bond strength found to often be stronger than internal strength of concrete it was applied to, this formula is used to create a safe waterproof barrier on multiple substrates including: concrete, geotextile fabric, repair of existing EPDM liner and fiberglass.

Seal Tite Ultra has additional compounds and additives which exceed even our popular Seal Tite standard professional quality coatings. This formulation provides the best available adhesion, flexibility, tensile strength, and abrasion resistance available in a DIY product.

Preparation

Preparation is the most critical step that must be done thoroughly for adhesion and long term bonding with substrate. Follow the processes below for best results:

- **Concrete**
 - Concrete must be clean of all loose paint, coatings, debris. Etching, wire brushing, soda/sand/etc blasting, scraping, pressure washing (minimum 3000 psi) methods are all valid for cleaning. After removing the old coating and all debris, apply a light muriatic acid wash. Epoxy Primer is advised for long term bond on chalky or deteriorated surfaces.
- **Geo Textile Fabric**
 - Overlapping of fabric seams must be 4" or more. Prep surface as above. If project is not complete after 1st application has cured, new coating should overlap 12" over previously coated area for proper barrier creation and blending.
- **Fiberglass**
 - Remove all loose debris and dirt by abrasive method. Rinse with lacquer thinner or muriatic acid/water solution @ 6:1. Use Seal Tite Ultra with powder additive and no lacquer thinner to fill cracks and build surface to level. After cure, apply according to application instructions.
- **EPDM**
 - Simply pressure-wash with strong solvent then rinse residue several times. For EPDM repair, the surface of existing liner should be scuffed slightly to create a rough adhesion boundary. If patching or bonding EPDM, apply Seal Tite to both surfaces for a minimum of 8-inch overlap and join the sections. There is no requirement to allow the areas to cure partially before bonding. Ensure that a tight fit is maintained and allow the seams to fully cure for a minimum of 24 hours before any stress. After cure, apply Seal Tite to any other surfaces required according to application instructions.

Primer

Primer is not generally required unless your existing surface is chalky or heavily deteriorated. For these surfaces, a quality 2-part epoxy primer can be utilized. Recommended 2 part epoxy primers include Spray Lining and Coatings brand High Adhesion Epoxy Primer, but other name brand products will provide excellent results as well. Ensure any primer is fully cured according to directions before applying any of our Seal Tite Pond Coatings.



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Application of Seal Tite Ultra Coating for Aquatic Application

1. Thoroughly stir both the A and B products before proceeding to step 2.
2. Mix equal parts of A and B products (recommended no more than 1 pint each until you are familiar with the products and process).
3. Mix thoroughly for a full 2 minutes (helix mixer attached to drill HIGHLY recommended).
4. Powder - Koi Pond kits using Seal Tite Ultra use a reduced quantity of LP80 micro-poly solids than regular Seal Tite due to the thicker consistency of the default product. The actual % powder to liquid is variable and is not required at all for some applications. Recommended % (by volume) is no more than 33% powder to 67% liquid for general application, and 50% powder (max) for trowel application when filling cracks or voids. Refer to any special notes included with your kit for more information, or contact Sales Support with any questions.
5. Notes regarding powders:
 - a. Powders are blended into premixed liquids AFTER combining parts A and B and premixing for recommended times.
 - b. More powder is used to thicken for vertical build, but may require lacquer thinner in order to be able to apply with spray or roller.
6. Certain mixes will get warm. Timing depends on ambient temp, mix ratio, amount of tint, mixing speed & how long mix is static in cup. Pot life at 70° = 15 - 20 minutes & shorter depending on product and ambient temperatures.
7. Product is generally at approximately 85% cure in 8 hours depending on ambient and surface temperature. Recommend 48 hours before returning to service (filling with water).

SPECIAL APPLICATION PROCEDURES

- **ON VERTICALS, APPLY A THIN LAYER OF SEAL TITE ULTRA AND ALLOW TO TACK UP BEFORE ADDING MORE MIL HEIGHT:** This is more important to avoid sagging of product. Sagging can occur sometime after initial coating is applied. Generally, wait for 2-3 hours before applying a second coat to avoid sags on vertical surfaces.
- **PRACTICE ON SAFE AREA FIRST BEFORE SENSITIVE PARTS. REPEAT:** Mix rate (the a to b ratio), mixing speed, mixing time, standing time, ambient temperature, powder % & types & surface temperature all affect material's viscosity, cure time, flow, atomization, character & look.