LIQUID RUBBER

NEOPOND SEALANT

APPLICATION GUIDE

Time to Complete	Difficulty	Products Needed
Application time: 48 hours **Cure time:** 48 hrs	**Beginner**	**4-5**

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NEOPOND SEALANT



Liquid Rubber NeoPond Sealant is an easy to apply, liquid waterproofing membrane. It can eliminate the need for expensive sheet membranes that can be difficult and time consuming to install. By applying a liquid membrane, you ensure a monolithic coating, reducing the potential for leaks while providing an aesthetically pleasing finish.





Ponds



Water Features



Fountains



Aquariums

STEP 1: BEFORE YOU BEGIN

IDENTIFY YOUR SURFACE

- **Concrete**
- **Wood**
- **PVC, Fiberglass and Metal**
- **EPDM Liners**



PICK THE RIGHT PRODUCTS:

SELECT YOUR SEALANT

1. **Liquid Rubber NeoPond Sealant**

ADDITIONAL PRODUCTS

- **Liquid Rubber Multipurpose Cleaner**
- **Liquid Rubber EPDM & TPO Primer** (for EPDM liners)
- **Liquid Rubber Multipurpose Primer** (for all other surfaces)
- Liquid Rubber Seam Tape
- Liquid Rubber Geo-Textile
- Liquid Rubber Sealant & Adhesive Caulk
- Liquid Rubber Concrete Etch (for concrete surfaces)

INSPECTION

All surfaces must be structurally sound, clean, dry, and free from contaminants that would prevent proper adhesion. If not using kiln dried wood, be sure that the **new wood** is sufficiently dried (less than 15% relative humidity), this can take weeks to months (kiln dried wood should already be dry enough). Chemically treated wood should be thoroughly cleaned to remove treatments from the surface to which you will apply your Liquid Rubber Solution and allowed to dry. Put a couple of drops of water on the surface of the dry wood. If it absorbs it is dry enough, if it beads up there is too much moisture and it needs additional drying time. **Concrete** must be cured for a minimum of 28 days. Concrete should be free of laitance and efflorescence and have less than 5% moisture content.

PVC, Fiberglass and Metal: Should be scuffed with sandpaper to remove gloss, prior to cleaning and primer application. All defects should be repaired and cured prior to coating.

STEP 2: ONCE YOU HAVE YOUR SUPPLIES

WEATHER & WHEN TO APPLY

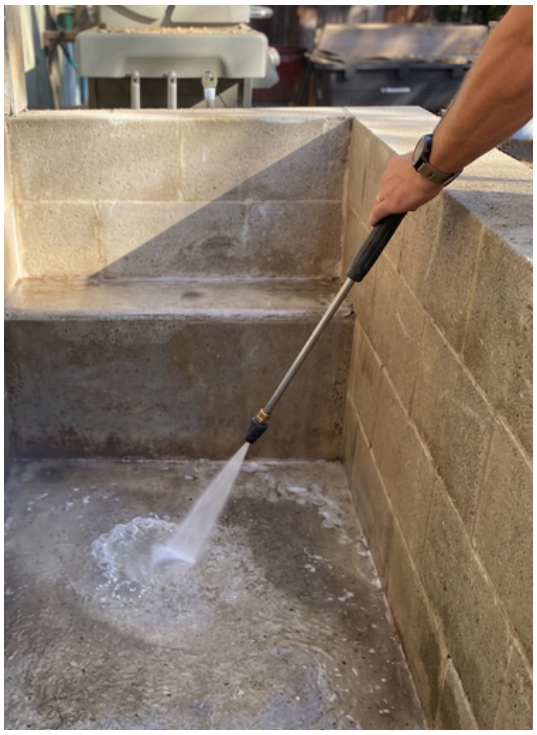
- **Apply in dry, warm temperatures between 50°F to 86°F (10°C to 30°C) including air, surface, and overnight temperatures**
- **Out of hot, direct and intense sun**
- **Do not apply in wet conditions or if rain is forecasted within 24 hours**
- **Make sure you have 4-6 hours of dry time before fog or dew sets in**
- **Below 80% humidity**
- **Make sure what you're coating is at least 5 degrees above the dew point of the environment**



SET UP & CLEANUP

It turns out that cleaning up your mess is not nearly as fun as making one, so follow these rules.

1. Always organize yourself and your work area to reduce the potential for spillage and other accidents.
2. Set out a tarp or large piece of cardboard to keep containers and tools on, when not in use.
3. Soak up as much material as possible with rags.
4. If dried, scrape off as much as you can, (with a razor/scraper/etc.) then scrub with a wire brush, etc.
5. Clean with soap and water.
6. Refer to the Product Safety Data Sheet for personal protective equipment recommendations.



PREPARATION & CLEANING:

Clean the Surface:
Clean the surface to be coated with an appropriate cleaner, by power wash or high-pressure nozzle on a garden hose or a combination as required and as available.

1. **For EPDM Liners:** Clean the area well and once dry, wipe the liner with a clean white rag dampened with Acetone, to remove migrating plasticizers and condition the surface to receive Liquid Rubber Seam Tape and **Liquid Rubber EPDM & TPO Primer**.
2. **For Concrete, Wood, PVC, Fiberglass and Metal:** Use **Liquid Rubber Multipurpose Primer** and **Liquid Rubber Seam Tape** or **Liquid Rubber Geo-Textile**. Cracks, joints, voids, etc. (1/8" - 1/2" at 1/2" depth) should be pre-filled with a suitable patching material such as a high-quality wood filler, concrete patch material or **Liquid Rubber Sealant & Adhesive** prior to application of Seam Tape or Geo-Textile.



STEP 4:DETAIL WORK

BRIDGING SEAMS AND JOINTS

Bridge cracks, cold joints, and transitions (floor to wall) using the 3-course method of **Liquid Rubber Multipurpose Primer** - **Liquid Rubber 4” Geo-Textile** - **Liquid Rubber Multipurpose Primer**. Apply a generous 6” wide coat of **Liquid Rubber Multipurpose Primer** along the areas and while still wet, embed the Geo-Textile fabric, fuzzy side down. Smooth out wrinkles and apply a second coat on top, taking care to fully saturate the Geo-Textile. Allow to dry before application. Approx. 1-2 hours.

1. **For EPDM Liners:** Apply **Liquid Rubber Seam Tape** to any seams, tears, or holes in the liner by peeling the backing film and pressing firmly to the repair area. Care should be taken to not allow wrinkles or bubbles in the Seam Tape. Once placed, press in the Seam Tape firmly with a laminate roller to ensure proper adhesion. Then apply **Liquid Rubber EPDM & TPO Primer** over the EPDM Liner (not the Seam Tape).





STEP 5: APPLY THE COATING

HOW TO APPLY LIQUID RUBBER NEOPOND SEALANT

1. **For EPDM Liners:** Use **Liquid Rubber EPDM & TPO Primer**. (coverage rate of 200 to 250 ft²/gal.) Allow the Primer to dry 1-2 hours, it will remain very sticky. Apply a top coat of **Liquid Rubber Neopond Sealant** as soon as possible.
2. **For all other surface types**, apply **Liquid Rubber Multipurpose Primer** to the entire surface, using a 3/8" (10mm) roller or nylon brush at a coverage rate of approximately 175 to 200 ft²/gal. Allow 1-2 hours to dry.

For Best Results: Apply approximately 3-4 coats **Liquid Rubber NeoPond Sealant** using a 3/8" (10mm) microfiber roller**.**
Allow at least 4-6 hours drying time between coats.
You can recoat after the material is dry to the touch with nothing wet underneath and it is uniform in color. Apply each new coat at a different angle to the previous coat to ensure even coverage. For edges and corners apply using a nylon brush.

I**nspection:** Inspect for pinholes, blisters, thin spots, or other defects. Recoat as necessary.
Protection: Allow 3-5 days before filling your pond or using your fountain/water feature.
For Fish and Plants: Be sure to test the water for proper PH levels acceptable for your type of fish and adjust as necessary.

When first filled, wait 24 hours, wipe the sides, drain and refill to remove surfactants. Repeat if necessary. Do not add fish or plants until the coating is uniform in color and the water is clean.

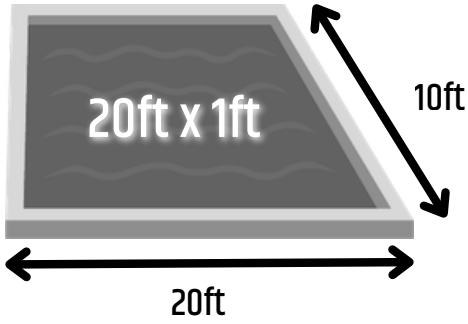
HELPFUL TIPS

- **Tested to be safe for fish and plants.**
- **NOTE: This product is not suitable for food contact or certified for potable water.**
- **Apply using a 3/8" (10mm) microfiber roller, nylon bristle brushes, or paint sprayer.**
- **Apply to dry surface that is free of dirt, loose paint, rust, oil, grease, coal tar, silicone, or other contaminants.**
- **Remove silicone caulking and replace with Liquid Rubber Sealant & Adhesive.**
- **Be sure to test the water for proper PH levels acceptable for your type of fish and adjust as necessary.**
- **Apply next coat when dry to the touch with nothing wet underneath and is uniform in color. (typically 4-6 hours)**
- **Typically cures within 72 hours. (3-5 Days after last coat before filling/using)**
- **Do not allow to freeze until fully cured.**
- **Do not combine black products with colored products.**
- **It is always a good idea to apply a small test patch in an inconspicuous area to ensure adequate adhesion prior to full application.**
- **See website for videos and technical support.**
- **For best results remove existing paints/coatings and apply directly to the substrate. (some paints and coatings will not be compatible. Loose/flaky paint may be an indication that the existing paint/coating is not well bonded and therefore your Liquid Rubber solution may fail if applied over it instead of directly to the substrate. Oil based paints, enamels, epoxies, powder coats can be difficult to bond to. Contact your Liquid Rubber technical representative for further direction.)**
- **Remove painter's tape while the coating is still wet.**
- **May blush in the presence of water. This is due to local water content and does not affect the performance of the coating.**

PRODUCT COVERAGE



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Apply 5 gallons for:

= **200ft²**

NEOPOND SEALANT

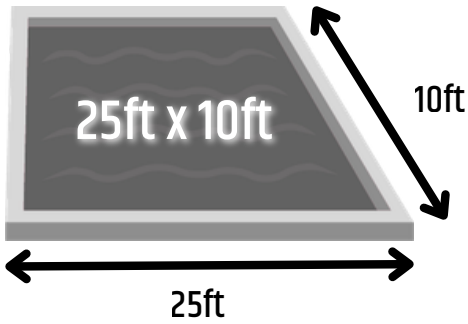
COVERAGE

1 GALLON = 40 FT²

5 GALLON = 200 FT²



=



Apply 1 gallon for:

= **250ft²**

EPDM & TPO PRIMER

COVERAGE

1 GALLON = 250 FT²

IMPORTANT NOTE:

Coverage rates shown are TOTAL amounts needed for proper protection - not per coat.

You will need to use the full amount to reach the required thickness.

Use our kit builder to make sure you have the right amount for your project.

PRODUCT COVERAGE



MULTIPURPOSE CLEANER

COVERAGE

1 GALLON = 200-400 FT^2



GEO-TEXTILE

COVERAGE

4" X 160 FT ROLL



MULTIPURPOSE PRIMER

COVERAGE

1 GALLON = 175-200 FT^2



SEALANT & ADHESIVE CAULK

WHITE & CLEAR

COVERAGE

1/4" BEAD = 24 LINEAR FT



SEAM TAPE

COVERAGE

4" X 50 FT ROLL

2" X 50 FT ROLL



CONCRETE ETCH

COVERAGE

500 GRAMS = 250 FT^2