



LIQUID RUBBER

NEOPOND SEALANT APPLICATION GUIDE



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.

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PREPARATION

Liquid Rubber NeoPond Sealant is the perfect choice to waterproof your pond, fountain, or water feature. Adding an attractive finish as well as years of trouble-free performance.

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. All defects should be repaired and cured prior to coating.



General Preparation & Cleaning:

(Prep is 90% of the job!)

Concrete:

Should be etched using **Liquid Rubber Concrete Etch** or equivalent, power washed and allowed to fully dry. Be sure to perform a moisture test on the concrete prior to application. Refer to moisture test guidelines.

Wood:

Mildew and organic growth must be removed using **Liquid Rubber Deck and Patio Cleaner**. Secure raised nail heads, deck screws and loose boards. Pre-fill imperfections such as screw holes, knots, and splits in the wood with a high-quality wood filler, or **Liquid Rubber Sealant & Adhesive** (or equivalent).

PVC, Fiberglass and Metal:

Should be scuffed with sandpaper to remove gloss, prior to cleaning and primer application.

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.

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 Primer**.

For Concrete, Wood, PVC, Fiberglass and Metal:

Use **Liquid Rubber Multi-Purpose Primer** and **Liquid Rubber Seam Tape** or **Liquid Rubber Geo-textile**. Cracks, joints, voids, etc. (1/8" or larger) should be pre-filled with a suitable patching material such as a high-quality wood filler, concrete patch material or **Liquid Rubber Sealant/Adhesive** (or equivalent) prior to application of Seam Tape or Geo-textile.



DETAIL WORK

Bridge cracks, cold joints, and transitions (floor to wall) using the **3-course method of Liquid Rubber Multi-Purpose Primer - Liquid Rubber 4" Geo-textile - Liquid Rubber Multi-Purpose Primer**. Apply a generous 6" wide coat of **Liquid Rubber Multi-Purpose 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.

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 Primer** over the EPDM Liner (not the Seam Tape).

Masking:

Tape-off, block off or otherwise mask areas that are not to receive coating. Remove while the coating is still wet.

(Remember, these are the area's most likely to leak so pay special attention to the details, nobody wants to do it twice!)



APPLICATION

Using a 3/8" (10mm) roller, apply **Liquid Rubber Multi-Purpose Primer** to the entire surface using a brush and roller at a coverage rate of approximately 175 to 200 ft²/gal.

For EPDM Liners:

Use **Liquid Rubber EPDM Primer**. (coverage rate of 200 to 250 ft²/gal.) Allow the Primer to dry until it is tacky or dry to the touch. Apply a top coat of **Liquid Rubber NeoPond Sealant** as soon as possible.

For Best Results:

Apply product when air and surface temperatures are between 10-30°C (50-86°F). Do not apply in humidity over 80% and avoid applying in direct, intense sunlight. Do not apply if rain is expected within 24 hours or if dew covers the surface. Using a 3/8" (10mm) roller, apply approximately 3-4 coats **Liquid Rubber NeoPond Sealant**. 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/polyester brush.

Inspection:

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:

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. Be sure to test the water for proper PH levels acceptable for your type of fish and adjust as necessary.

Coverage:

Apply a minimum of 1 gallon per 40 ft² (3.7sqm/G) final thickness. Should require 3-4 generous coats. Use up all required material.



APPLICATION 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) roller, brush, 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** (or equivalent).
- Apply when the temperature is above 10°C/50°F and rising (including overnight temperatures).
- For extra adhesion, performance, and longevity and to create a moisture vapor barrier, it is necessary to use 1 heavy coat of **Liquid Rubber Multi-Purpose Primer**.
- 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 apply in wet conditions (including fog and dew) or if rain is forecast within 24 hours.
- Avoid contact with solvents and solvent based cleaners, adhesives, and paints.
- Do not combine black products with colored products.
- Make sure that what you are coating is at least 5 degrees above the dew point of the environment that you are coating in. (See technical specs for more details)
- It is always a good idea to apply a small test patch in an inconspicuous area to ensure adequate adhesion prior to full application.
- Use **Liquid Rubber Concrete Etch** to etch concrete/masonry.
- 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.





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

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

PHYSICAL PROPERTIES

Color (Liquid)	Grey to Black
Elongation	200%
Adhesion To Primed Concrete	22 PSI
Low Temp Flex	-7°C

PACKAGING

- 18.9 L (5 Gal.) Pails
- 3.78 L (1 Gal.) Cans

BEFORE & AFTER

