DECK COATING

APPLICATION GUIDE

Time to Complete	Difficulty	Products Needed
Application time: 24-48 hours **Cure time:** 48-72 hours	**Beginner**	**3-6**

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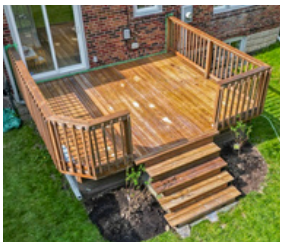
1150 Eighth Line Unit 16. Oakville, ON L6H 2R4
1-855-592-1049 | support@shopliquidrubber.com
www.ShopLiquidRubber.com

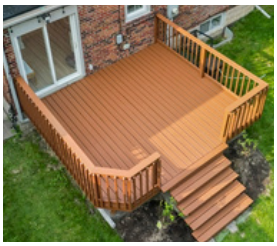
DECKS SHOULDN'T HAVE TO BE PAINTED EVERY YEAR

With the right preparation and products, you can restore your deck to a beautiful area for years to come. Liquid Rubber offers two options:

1. Polyurethane Deck Coating is your strongest, most durable solution in a Smooth & Textured option.
2. Cool Foot Deck Coating is for areas that get extremely hot to walk on. Reduces heat transfer by up to 35% compared to regular deck paint.



Before



After

STEP 1: BEFORE YOU BEGIN

IDENTIFY YOUR SURFACE

The first step is determining your surface that will be coated:

1. **Wood Deck** - can be deck boards or plywood
2. **Concrete** - Can be smooth or broom finished
3. **Vinyl/ PVC** - Sheet membrane over plywood usually referred to as Duradek
4. **Fiberglass** - Smooth surface often found on boats and houseboats
5. **Composite** - Not recommended. Does not offer sufficient bond.

***Use high quality exterior grade wood (good one side preferred) and other high quality exterior grade materials only.*

Wood

Concrete

Vinyl/ PVC

Fiberglass

If you need any help along the way, reach out to our Product and Application Support Team by phone: 1-855-592-1049 or email: Support@ShopLiquidRubber.com We can walk you through the whole process.

PICK THE RIGHT PRODUCTS:

1. **Polyurethane Deck Coating** - Our strongest Deck Coating in a Smooth or Textured version used for applications such as Deck Boards, Plywood Decks, Balconies, Concrete, Pool Surrounds, Steps, Utility Trailers, Boat Decks, Fences, Patio Furniture and more.
***Textured can be used for added traction/grip*
2. **Cool Foot Deck Coating** - Used on areas that get extremely hot like Decks and Pool Surrounds.

PRODUCTS CONTINUED:

3. Multipurpose Cleaner - Safe, non-toxic cleaner and wood brightener used to prepare the surface for coating.
4. Concrete Etch - Safe, non-toxic material used to prepare concrete surfaces for coating. Removes Laitance
5. Sealant & Adhesive Caulking - Used to fill joints, gaps, cracks, seams, around railings and transitions. *Paintable after 24 hours.*
6. Multipurpose Primer - Used to promote the best adhesion and reduce peeling and flaking.
7. Geo-Textile - Used to bridge and reinforce joints and seams. *(Will remain visible through coating)*

ADDITIONAL SUPPLIES:

- **Disposable gloves**
- **Disposable nylon bristle brushes**
- **Microfiber ⅜" (10mm) rollers**
- **Water supply - for cleaning**
- **Pressure washer**
- **Painters Tape**
- **Utility Knife**
- **Scrub brush**

<u>For vinyl, PVC & Fiberglass:</u>

- **Acetone**
- **White rags**

STEP 2: ONCE YOU HAVE YOUR SUPPLIES

WEATHER & WHEN TO APPLY

- **Apply in dry, warm temperatures between 50°F to 86°F (10° to 30°C), including air, surface and overnight temperatures**
- **Do not apply in wet conditions or if rain is forecasted within 24 hours**
- **Make sure you have 4-6 hours dry time in recommended conditions before fog or dew sets in.**
- **Environment should be below 80% humidity**
- **Avoid applying in hot, intense, direct sunlight**
- **Make sure what you're coating is at least 5 degrees above the dew point of the environment (Click here for more info)**

SET UP & CLEANUP

Stay organized and limit clean up by following these setup tips:

1. Set out a tarp or large piece of cardboard to keep containers and tools on when not in use.
2. If there is a spillage, soak up as much material as possible with rags.
3. Clean your spillages with soap and water as much as possible.
4. If the spillage dries, scrape it off with a razor/scraper/etc and use a wire brush to remove.
5. Wrap tools in plastic to keep them moist between coats (kitchen wrap is fine). Best to use disposable brushes and rollers.
6. Do not use solvents or solvent based cleaners, adhesives, and paints near your working area.
7. Refer to the product Safety Data Sheet for personal protective equipment recommendations.

STEP 3: PREPARE THE AREA

INSPECTION

All surfaces must be structurally sound, clean, dry and free from contaminants that would prevent proper adhesion. Be sure the surface is properly sloped to allow for positive drainage. Not suitable for extended ponding water.

If not using kiln dried wood, be sure that the wood is sufficiently dried (less than 15% moisture content), this can take weeks to months (kiln dried wood should be dry enough). Put a couple drops of water on the surface of the dry wood. If it absorbs, it's dry enough. If it beads up, there is too much moisture and needs additional time or additional surface preparation.

Pressure treated wood *should be dried out and thoroughly cleaned to remove treatments from the surface to which you apply your Liquid Rubber solution. Concrete must be cured for a minimum of 28 days. All defects should be repaired and cured prior to coating.*

Concrete: Concrete must be free of laitance, efflorescence, and have less than 5% moisture content. Moisture test is recommended.

PREPARATION & CLEANING:

Wood Deck Boards & Plywood - Remove loose, flaky paint and rough sand the whole surface. Mildew and organic growth must be removed. Secure raised nail heads, deck screws and loose boards. Replace damaged, rotting boards and remove loose splinters. Clean with **Liquid Rubber Multipurpose Cleaner** and allow to dry completely.

Concrete - Remove any loose, flaky paint. Remove any laitance using **Liquid Rubber Concrete Etch**. Be sure to perform a moisture test prior to application (Click here for Moisture test details).

Vinyl/PVC & Fiberglass - Remove loose, flaky paint. Scuff the surface with sandpaper to remove all shine and oxidized material. Clean with **Liquid Rubber Multipurpose Cleaner** and allow to dry. Wipe with a white rag dampened with Acetone to condition the surface right before you prime.

USING MULTIPURPOSE CLEANER:

1. Wet the surface lightly
2. Apply cleaner with sprayer or spread with a brush to the surface.
3. Allow Cleaner to sit on the surface for 5-10 minutes without letting it dry.
4. Scrub the surface with a stiff bristle brush
5. Rinse thoroughly with clean water
6. Repeat if necessary

USING CONCRETE ETCH:

1. Use a pressure washer to clean the surface and remove any standing water.
2. Mix 1 pack of **Liquid Rubber Concrete Etch** with 4/5 of a gallon (3L) of warm water in a plastic pail or chemical-resistant sprayer. Stir until fully dissolved.
3. Apply the etching solution to damp concrete using a sprayer or stiff broom and scrub for 1–2 minutes until slight foaming occurs.
4. Leave the solution on for 30 minutes, scrubbing occasionally. Keep the surface wet and reapply solution if needed.
5. Rinse thoroughly with a pressure washer and let the concrete dry completely. This may take up to 48 hours, depending on temperature and humidity.

*Etched surfaces should feel like 150 medium-grit sandpaper. Repeat the process if the concrete is very smooth or power-troweled or has heavy laitance.

STEP 4: DETAIL WORK

FILLING SEAMS, JOINTS, CRACKS AND IMPERFECTIONS:

Wood Deck Boards/ Plywood - Pre-fill imperfections with a high quality wood filler or **Sealant & Adhesive Caulking**. **allow to cure 24hrs before coating or painting*

Plywood, Vinyl/PVC & Fiberglass - Bridge seams, flashing and hairline cracks, 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** across the seam and while still wet, embed the **Geo-textile** fabric. Smooth out **all** wrinkles and apply a second coat on top, taking care to fully saturate the Geo-textile. Allow to dry before application of the coating, Approx. 1-2 hours. (Geo-Textile is a structural element and will remain visible).

Alternative Method - You can caulk joints, seams, upturns with **Liquid Rubber Sealant & Adhesive** instead of reinforcing with Geo-Textile. This will eliminate the look of the Geo-Textile but comes with greater risk of cracking at the joint, seam, corner, etc. and you should be prepared to touch up the areas if necessary.

Concrete - Pre-fill cracks, chips, imperfections and control joints with **Liquid Rubber Sealant & Adhesive Caulking** or concrete patch repair.
Do not coat over expansion joints. These are sealed AFTER the coating has been applied with a water-based expansion joint caulking (Such as **Liquid Rubber RV Lap Sealant**)

Mask off any areas that you want to protect from coating - Use painters tape for areas not to be painted and remove while the Primer/Coating is still wet. Apply painters tape for each coat.

HELPFUL TIPS

- **Do not let products freeze in their containers**
- **Mix products well before using**
- **It is always a good idea to apply a small test patch in an inconspicuous area to ensure adequate adhesion prior to full application.**
- **If you allow your coating to dry too much, you can score/cut along the masking tape line before pulling to prevent lifting the coating**
- **Apply each coat in an alternate direction to the last coat to ensure even coverage**
- **Use a Textured Roller to help distribute the Textured Polyurethane Deck Coating.**
- **Do not combine Liquid Rubber Deck Coatings with any other products. (ie. Waterproof Sealant, Foundation Sealant)**
- **Do not apply over Spantex or Hypalon or silicone.**

STEP 5: APPLY THE PRIMER & COATING

HOW TO APPLY DECK COATING

1. Apply 1 heavy coat of **Liquid Rubber Multipurpose Primer** using a brush for edges, corners and between boards.
2. Then apply to the whole surface area using a ⅜" (10mm) roller. Allow the Primer to dry until it's dry to the touch (approx 1-2 hours).
3. Next, apply your **Liquid Rubber Deck Coating** of choice: Brush edges and between boards
4. Roll the coating onto the full surface area in heavy coats.
5. When dry to touch and you can safely walk on the previous coat *(approx 4-6 hours)*. Inspect for pinholes, blisters, voids, thin spots or other defects and repair as necessary.
6. Apply the next coat in the opposite direction to ensure even coverage.
7. Apply until you use up your final recommended coverage.

Dry/Cure Time:
Allow 48-72 hours after the last coat for light foot traffic. Allow 5-7 days after the last coat before placing furniture on the coating.

NOTE:

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

Speak to Liquid Rubber Product & Application Support with any questions: 1-855-592-1049

DECK COATING COVERAGE

Use our Deck Coating **Kit builder** to calculate how much you need [click here]

HIGH TRAFFIC COVERAGE:
1 GALLON = 30FT² | 4 GALLON = 120FT²

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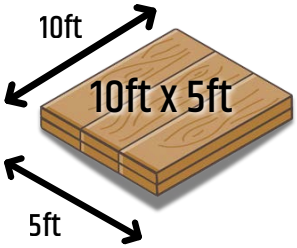

Apply 1 gallon for final coverage:

= **50ft²**

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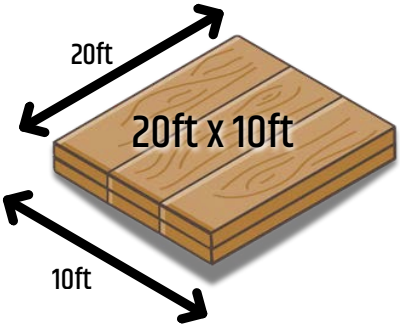

Apply 4 gallons for final coverage:

= **200ft²**

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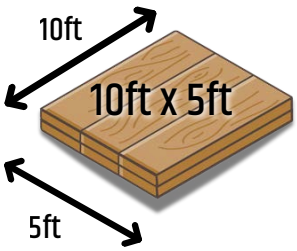

Apply 1 gallon for final coverage:

= **50ft²**

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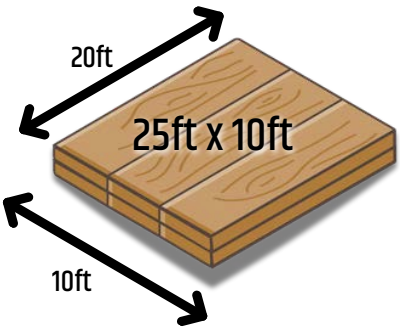

Apply 5 gallons for final coverage:

= **250ft²**

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.

PREP PRODUCTS COVERAGE

MULTIPURPOSE PRIMER

COVERAGE

1 Gallon = 200 FT^2

MULTIPURPOSE CLEANER

COVERAGE

1 Gallon = 200-400 FT^2

GEO-TEXTILE

COVERAGE

4IN X 160FT ROLL

SEALANT & ADHESIVE

COVERAGE

1/4" BEAD" = 24 LINEAR FEET

Maximum depth 1/2"