



**Liquid Rubber**  
HOME RESTORATION

# Planter Box

## **PREPARATION**

Liquid Rubbers waterproof solutions are easy to install, anyone can do it! Follow the steps detailed below to ensure proper installation of your high-performance waterproof coating. Surface preparation is the most important step in any successful coating installation.

**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 if not already dry (kiln dried wood should already be dry enough). Chemically treated wood and OSB should be thoroughly cleaned to remove treatments from the surface to which you will apply your Liquid Rubber Solution and allowed to dry. Sealants and existing coatings should be fully cured and well bonded. (do not apply to silicone or coal tar products). Concrete must be cured for a minimum of 28 days. All defects should be repaired and cured prior to coating.

**General Preparation & Cleaning:** The substrate should be clean, dry and free of defects. Existing coatings/sealants should be well bonded. Loose/flaky material should be removed.

**Concrete:** should be etched, 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. Replace damaged and rotting boards and remove loose splinters. Wood should be scuffed to increase profile using a 60-80 grit sandpaper and cleaned.

**Steel:** should be scuffed with an emery cloth to increase profile, cleaned with an appropriate steel cleaner or power washed, and/or cleaned with a mild detergent.

**Existing coatings:** Scuff to increase profile and clean with a mild detergent.

**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 suitable expansion joint caulking.

## **DETAIL WORK**

**Corners, joints, drains, around protrusions:**

Use **Liquid Rubber Seam Tape** or **Liquid Rubber Geo-Textile** applied via the 3-course-method to reinforce these area's prone to movement and leakage.

**3-Course Method:**

Apply a thick 6" wide coat and embed 4" wide **Liquid Rubber Geo-Textile** reinforcement fabric followed by a second coat (known as the 3 Course Method).

For all gaps/cracks greater than 3mm (1/8") fill with a high quality wood filler, concrete patch material or expansion joint caulking prior to 3 Course Method. Ensure the surface is smooth and flush.

## **APPLICATION**

**Masking:** Tape-off, block-off, or otherwise mask area's that are not to receive your selected sealant. Remove tape while Sealant is still wet.

**Application:** Apply your selected sealant when temperature is 5°C/41°F or 10°C/50°F and rising depending on product selected. Begin with your detail area's (i.e. joints, corners, etc.) as per the Detail Work specification above. Once the details have dried, use a brush, roller or appropriate sprayer to apply at a final thickness of (40-60 mils, 1-1.5 mm). Generally you can apply 2 heavy coats per day. Applications generally take 3-4 coats. Apply next coat when dry to the touch and nothing is wet underneath and is uniform in color. Tacky is OK. Avoid applying in high humidity (over 80%) or in direct, intense sunlight. Apply all recommended material. Use **Liquid Rubber Multi-Purpose Primer** to increase bond.

**Inspection:** Inspect for pinholes, blisters, voids, thin spots or other defects after each coat. Repair as necessary.

**Protection:** Allow 48-72 hours to dry, depending on product and environmental conditions.

**Coverage:** Refer to your selected waterproofing's data sheet or product page for appropriate coverage rates, recoat and cure times.



# Liquid Rubber

HOME RESTORATION

## APPLICATION TIPS

- Apply using a 3/8 (10mm) roller, brush or paint sprayer.
- Apply to clean, dry surface that is free of dirt, silicone, loose paint, rust, oil, grease, coal tar, or other contaminants.
- Apply when temperature is above 5°C/41°F or 10°C/50°F and rising depending on product selected.
- Apply next coat when dry to the touch with nothing wet underneath and is uniform in color.
- Avoid hot, direct, intense sun when applying.
- Avoid contact with solvents and solvent based cleaners, adhesives, and paints.
- Do not allow to freeze until fully cured.
- Do not combine Black products with Colored products.
- Curing time depends on temperature, humidity and airflow.
- Do not apply in wet conditions (including fog and dew) or if rain is forecasted within 24 hours.
- Make sure what you're coating is at least 5 degrees above the dew point of the environment you are coating in. (See technical specs for more details)
- 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.)
- Be sure to add drainage holes to avoid excessive water collection that could harm the plants.
- Add color to the interior by using **Liquid Rubber Colored Waterproof Sealant**.
- Wrap brushes in plastic to use for next coat.
- Remove painters tape/blocking while coating is still wet.
- Safe for Plants (not meant for Plants you'll be eating, ie. Fruits & Veggies)
- See website for videos and technical support.

## CLEAN UP

- 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. Make sure you have a pail of soap and water, rags and mineral spirits on hand so you are ready if a spillage occurs.
- Soak up as much material as possible with rags.
- Clean immediately with soap and water.
- If dried, scrape off as much as you can. (with a razor/scrapper/etc.)
- Use mineral spirits to weaken the material and an appropriate tool to mechanically remove (wire brush, grinder, etc.)
- **Warning: Mineral spirits can spread the stain, be sure to use sparingly, in a controlled manner, and to follow the manufacturers safety recommendations.**
- Refer to the product Safety Data Sheet for personal protective equipment recommendations.

**For full application information and technical support visit**

**[www.liquidrubber.ca](http://www.liquidrubber.ca) | [www.liquidrubberusa.com](http://www.liquidrubberusa.com)**

**or call**

**1-855-592-1049**