



GENERAL SURFACE PREPARATION FOR LIQUID RUBBER COATINGS

CLEAN THE SURFACE

Liquid Rubber products must be installed on a clean, dry, and structurally sound surface that is free of dirt, dust, debris, oil, grease, silicone, coal tar, mastics, other coatings, and other contaminants. To remove old paint, use a paint stripper suitable for the surface (concrete or wood). Remove heavy rust/scale with a wire brush. Any surface imperfections such as screw holes, knots, splits, or spalls should be prefilled with a suitable repair product. Pressure washing is recommended to provide a clean bonding surface. Alternatively, use **Liquid Rubber Deck and Patio Cleaner** to remove tougher contaminants prior to power washing. (degreasers may be necessary for oils and grease).

PREP THE SURFACE

Depending on the surface to be coated, prep the surface by suitable means as described below.

For Metal:

Power wash clean and allow to fully dry. (scuffing the surface will help increase adhesion)

For New Wood:

No profiling is required, provided the wood is not factory coated. Pressure treated wood needs to sufficiently dry before coating.

For Old Wood:

Pressure wash clean and allow to fully dry. Lightly sand the surface to open the pores of the wood. Blow off with an airline or vacuum the surface to ensure it is clean.

For Concrete:

Etch the surface with **Liquid Rubber Concrete Etch** to remove laitance. Rinse clean and allow to fully dry. (If etching is not practical then grinding, shot blasting or sand blasting may be required).

For EPDM:

Clean the area well and once dry, wipe the EPDM with a clean white rag dampened with Acetone, to remove migrating plasticizers and condition the surface. Use **Liquid Rubber EPDM Primer** prior to the application of coatings.

For OSB:

Priming Will Be Required - While priming may be optional with some surfaces, it is absolutely necessary to apply primer before painting OSB. OSB stands are bound together with resins and paraffins. Some OSB ships with a thin coating of wax which first needs to be stripped before painting. Some OSB only appears to have a wax surface coating, a result of the high pressure exerted on the material by the manufacturing machines. It is recommended that you sand and clean prior to application of primer and coatings.



For Coated Surfaces:

Sand the surface to remove any gloss and roughen the surface for a better bond, wipe with a rag dampened with acetone to remove dust and condition the surface. Use **Liquid Rubber Multi-Purpose Primer** prior to application of any coatings.

Note - Our products are not compatible with oil-based paints or products containing silicone.

WARNING!

Removal of paint by sanding, scraping, or other abrasive means, may cause dust that can contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects. Controlling exposure to lead or other hazardous substances requires the use of protective equipment such as a properly fitted (approved) respirator as well as proper containment and clean-up. For more information contact your local health authority.

PRO-TIPS

- Apply when temperatures are consistently above 10°C/50°F including overnight temperatures.
- Do not apply above 80% Relative Humidity.
- When applying to corrugated metal, be sure to account for the profile by adding an additional 10-25% to square footage.
- Apply to a surface that is free of dirt, dust, loose paint, scaling rust, laitance, efflorescence, oil, grease, coal tar, mold/mildew, silicone, or other contaminants.
- Do not allow to freeze until fully cured.
- Do not apply in wet conditions or if rain is forecast within 24 hours. Full cure within 48-72 hours (depending on product). Curing depends on temperature, humidity, and airflow.
- Avoid coating over newer applied solvent products.
- Be sure that whatever you're coating is at least 5 degrees above the dew point of the environment you are coating in.
- It is always best practice to perform a bond test to the substrate prior to full application.
- 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.)

Clean Up:

Make sure you have a pail of soap and water and rags to clean colored products and mineral spirits to clean bitumen products. 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.

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