

# **RESTORE 2X One Coat Solid Stain FAQs**

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## **FEATURES & BENEFITS**

### **Q. What makes Restore 2X One Coat Solid Stain different from other solid stains?**

**A.** Restore 2X One Coat Solid Stain is unique from other solid stains in that it produces a beautiful finished look in just one coat. Other solid stains require two coats to fully hide the wood grain underneath. Furniture can also be returned to surface 48 hours after application is complete with Restore 2X One Coat Solid Stain. Most solid stains require 72 hours before the furniture can be returned to the surface. Restore 2X One Coat Solid Stain can also be used on broom swept concrete and most composite decking in addition to wood whereas other solid stains only work on wood.

### **Q. What other features does Restore 2X One Coat Solid Stain have?**

**A.** Restore 2X One Coat Solid Stain has NeverWet properties inside. That means that the coating is hydrophobic and repels water to extend the life of your deck and the coating. Additionally it has superior water repellency and is an algae and mildew resistant coating.

### **Q. Does Restore 2X One Coat Solid Stain fill voids in the wood and concrete?**

**A.** No. Restore 2X One Coat Solid Stain is meant for newer wood and concrete surfaces. While thick enough to cover your surface in one coat, it is not thick enough to fill cracks and voids. Cracks should be filled using the Restore Crack Filler prior to application.

### **Q. Does Restore 2X One Coat Solid stain have a smooth texture?**

**A.** Yes, Restore 2X One Coat Solid Stain has a smooth finish that is barefoot friendly.

## **WHERE TO USE**

### **Q. What surfaces can I apply Restore 2X One Coat Solid Stain to?**

**A. Wood:** Restore 2X One Coat Solid Stain should only be applied on structurally sound wood and most composite surfaces. Some composite decking is engineered with moisture repellants or sealers that may prevent proper adhesion. Be sure to follow specific manufacturer's recommendation before applying to any composite decking. Restore 2X One Coat Solid Stain is recommended for use on newer wood surfaces. New wood needs to weather 6 months before application.

**Concrete:** Restore 2X One Coat Solid Stain should only be applied to structurally sound broom swept or porous concrete. It is recommended for use on newer concrete surfaces. New concrete surfaces need to cure 30 days before application.

**NOT FOR USE ON:** Smooth or floated concrete, fiberglass, tile, and metal surfaces. These surfaces will not allow for proper adhesion. Do not use on driveways, garages, or other areas with vehicular traffic.

### **Q. Can I use Restore 2X One Coat Solid Stain on any concrete surface?**

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**A.** No. Restore 2X One Coat Solid Stain is for use on broom swept or porous concrete surfaces only. Do not use on smooth or floated concrete. Do not use on driveways, garages, or other areas with vehicular traffic.

**Q. Can I use Restore 2X One Coat Solid Stain on my driveway or garage?**

**A.** No. Restore 2X One Coat Solid Stain is not for slick surfaces such as "floated" or smooth concrete. Restore will not adhere properly to any slick surface. Restore 2X One Coat Solid Stain is also not intended for vehicular traffic so this product is NOT for driveways, garages, or carports.

**Q. Can I use Restore 2X One Coat Solid Stain on my composite decking material?**

**A.** Restore 2X One Coat Solid Stain can be used on most composite decking material. See the specific composite manufacturer's recommendation for coating application before applying to any composite decking. Some composite decking is engineered with moisture repellants or sealers that may prevent proper adhesion.

**Q. Can Restore 2X One Coat Solid Stain be used on vertical surfaces?**

**A.** Yes. Restore 2X One Coat Solid Stain can be used on both vertical and horizontal surfaces.

**Q. Can I use Restore 2X One Coat Solid Stain around a pool?**

**A.** Yes, Restore 2X One Coat Solid Stain can be used around pool surrounds. It is always a good idea to minimize splashes of chemically-treated water on your deck surface, because repeated exposure to heavy doses of chlorine may enhance fading and embrittle the coating.

**Q. Can Restore 2X One Coat Solid Stain be applied in my basement or other interior floors?**

**A.** No, Restore 2X One Coat Solid Stain is for exterior use only and CANNOT be used inside. Restore will not cure properly indoors.

**Q. Can I use Restore 2X One Coat Solid Stain underwater in a pool or birdbath?**

**A.** No. Restore 2X One Coat Solid Stain is not recommended and will not perform on surfaces that are intended to hold water.

### **PREPARATION ON WOOD**

**Q. Do I need to prepare my deck before applying Restore 2X One Coat Solid Stain?**

**A. YES! REGARDLESS OF AGE OR SURFACE CONDITION, FAILURE TO FOLLOW ONE OF THESE PREPARATION METHODS WILL RESULT IN POOR ADHESION AND POSSIBLE COATING FAILURE. NEW AND SEALED WOOD DECKS NEED TO WEATHER AT LEAST SIX MONTHS BEFORE APPLICATION.**

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## **METHOD 1: PREPARATION WITH RESTORE DECK START WOOD PRIMER (HIGHLY RECOMMENDED)**

### **Step 1 – Clean:**

Clean the surface using a deck brush and the Restore Deck & Concrete Cleaner. The surface must be completely clean and free of dirt, grease, mildew and organic growth to ensure product bonding and adhesion. For best results use a pressure washer, in addition to the Restore Deck & Concrete Cleaner, to remove embedded dirt and grime. (Use at a low setting 500-1200 PSI. Do not use high pressure as it may harm the wood.) For mildew and other organic growth use a diluted solution of household bleach (3 parts water to 1 part bleach) applied to the surface before cleaning. Loose paint needs to be scraped and removed from the surface.

### **Step 2 – Light Repairs:**

Raised nail heads and/or screws should be secured using a hammer or a screwdriver. Remove loose splinters and replace severely damaged or rotting boards. Fill larger cracks using RESTORE CRACK FILLER or similar acrylic, non-silicone filler. Allow to dry.

### **Step 3 – Apply Restore Deck Start Wood Primer:**

Using a 3/8" nap roller or a synthetic bristle brush, saturate and apply generously in a consistent pattern. Work to a wet edge at all times. Apply thickly to the surface to ensure good penetration. Restore Deck Start Wood Primer appears milky during application but dries clear. Allow the primer to dry 1-2 hours before applying the solid topcoat over the primer. Do not apply the topcoat until the entire primed surface is clear and there are no white areas showing anywhere on the deck, including in cracks and nail heads.

## **METHOD 2: PREPARATION WITH RESTORE DECK STRIPPER**

### **Step 1 – Remove existing Stain/Sealer:**

Previously applied coatings need to be removed for two very important reasons; first stains do not adhere well to one another and second the old finish will block the new finish from penetrating the wood. If the old stain or sealant is peeling, it will pull your new coating up as well. The new topcoat will not lock down and seal the old topcoat. Even if you have not recoated your deck in many years and it looks like there is no stain or sealant left on the deck, you must complete this step. Previously applied stains and sealants may be present on the deck and are not always visible and they will prevent the new topcoat from properly adhering to the wood.

Strip the surface using a deck brush and the Restore Deck Stripper. Apply the deck stripper to the deck and scrub it into the wood with a deck brush. Let it sit for 15 minutes, then power wash it off completely. Follow all of the instruction on the back of the Restore Deck Stripper label before proceeding. Next sand the entire deck using 50 or 60 grit sand paper. This will open the pores of the wood and create a textured surface that is easier for the coating to adhere to.

### **Step 2 – Clean:**

Clean the surface using a deck brush and the Restore Deck & Concrete Cleaner. The surface must be completely clean and free of dirt, grease, mildew and organic growth to ensure product bonding and adhesion. For best results use a pressure washer, in addition to the Restore Deck & Concrete Cleaner, to remove embedded dirt and grime. (Use at a low setting 500-1200 PSI. Do not use high pressure as it

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may harm the wood.) For mildew and other organic growth use a diluted solution of household bleach (3 parts water to 1 part bleach) applied to the surface before cleaning. Loose paint needs to be scraped and removed from the surface.

### **Step 3 – Test Surface for Application:**

AFTER CLEANING THE SURFACE YOU MUST CONDUCT A SPLASH TEST TO ASSURE THE OLD COATING IS FULLY REMOVED FOR PROPER ADHESION OF THE NEW TOPCOAT. PREVIOUSLY APPLIED SEALERS may be present on the deck and are not always visible. Conduct a splash test by sprinkling water on multiple areas of the surface. Check at least 4 areas, or more for larger areas. Be sure to check both high traffic areas such as walkways and non-traffic areas. If the water absorbs rapidly into the surface, the surface is ready to be coated. If the water beads, puddles or is not absorbed, the surface is sealed and not ready to coat. If any part of the surface is not absorbing the water, use the Restore Deck Stripper and Sand using 50 or 60 grit sand paper again in that section. Clean again with a brush and Restore Deck & Concrete Cleaner and conduct the splash test again. Continue this process until the water is absorbed by the wood in all test areas. Let the surface dry completely before application. Failure to follow this process will result in poor adhesion and possible coating failure.

### **Step 4 – Light Repairs:**

Raised nail heads and/or screws should be secured using a hammer or a screwdriver. Remove loose splinters and replace severely damaged or rotting boards. Fill larger cracks using RESTORE CRACK FILLER or similar acrylic, non-silicone filler. Allow to dry.

### **Q. Do I need to prime my deck before applying Restore?**

**A.** There are two preparation methods you can follow to properly prepare your deck before applying Restore. You can either use the Restore Deck Start Wood Primer or the Restore Deck Stripper. We do highly recommend the preparation method with the Restore Deck Start Wood Primer because it simplifies preparation and removes the steps of stripping and sanding. The Restore Deck Start Wood Primer also enhances topcoat adhesion. Carefully follow all of the instructions on the Restore Deck Start Wood Primer. If you choose not to prime before coating the deck, then you need to use the Restore Deck Stripper and 50 or 60 grit sandpaper to fully prepare the surface before applying Restore.

### **Q. What special preparation is required for new pressure treated wood?**

**A.** New wood may be wet with chemicals or have mill glaze from the manufacturing process. New wood should age for a minimum of 6 months before applying Restore 2X One Coat Solid Stain. The lumber must dry completely before applying the product to prevent peeling of the coating. The surface must also be properly cleaned and prepared using Restore Deck & Concrete Cleaner to remove all foreign material and mill glaze prior to application. Follow the PREPARATION instructions on the label to be sure the Restore 2X One Coat Solid Stain adheres properly to the wood.

### **Q. Can Restore be applied directly over a previously painted surface?**

**A.** NO. The surface needs to be properly prepared first using either the Restore Deck Start Wood Primer or the Restore Deck Stripper. Follow the Preparation Instructions on the labels of the Restore 2X One Coat Solid Stain can, Restore Deck Start Wood Primer, and Restore Deck Stripper. FAILURE TO

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FOLLOW ONE OF THE TWO PREPARATION METHODS WILL RESULT IN POOR ADHESION AND POSSIBLE COATING FAILURE.

### **Q. Can Restore be applied directly over clear wood sealers such as Thompson Water-Seal?**

**A. NO.** Wood sealers often contain paraffin, which prevents paint or coatings from adhering to the wood. The surface needs to be properly prepared first using either the Restore Deck Start Wood Primer or the Restore Deck Stripper. If using the Restore Deck Start Wood Primer the sealed surface needs to weather at least six months before application and a splash test needs to be conducted on multiple areas of the surface to ensure the sealant has fully weathered throughout the whole deck. Follow the Preparation Instructions on the labels of the Restore 2X One Coat Solid Stain can, Restore Deck Start Wood Primer, and Restore Deck Stripper. FAILURE TO FOLLOW ONE OF THE TWO PREPARATION METHODS WILL RESULT IN POOR ADHESION AND POSSIBLE COATING FAILURE.

### **Q. What do I do about nail heads and screws?**

**A.** Raised nail heads and/or screws should be secured using a hammer or screwdriver.

### **Q. I have some deck boards that are rotten. How should I deal with this?**

**A.** First you must remove and replace any rotten wood with new deck boards. Clean the deck boards thoroughly with the Restore Deck & Concrete Cleaner. Conduct a splash test to make sure the water absorbs completely on the new boards before coating.

### **Q. I have large cracks and nail holes in my deck. How should I deal with this?**

**A.** Large cracks and nail holes can be filled with Restore Crack Filler prior to or after the application of the first coat of Restore.

## **PREPARATION ON CONCRETE**

### **Q. How sound does my concrete need to be to coat?**

**A.** Floor should be in good condition and should not contain any loose, chipped (spalled), or cracked concrete. For best results, remove all loose material and dust and repair damaged areas before you coat. If you are planning to apply Restore 2X One Coat Solid Stain to newly poured concrete, allow surface to cure for at least 30 days prior to coating.

ALL EXISTING SEALERS, PAINTS, STAINS, WATER REPELLANTS OR OTHER FINISHES MUST BE REMOVED for Restore 10X Advanced to adhere properly. To check for the presence of these, conduct a splash test by sprinkling water on multiple areas of the surface. Check at least 4 areas, or more for larger areas. Be sure to check both high traffic areas such as walkways and non-traffic areas. If the water absorbs rapidly into the surface, the surface is ready to be coated. If the water beads, puddles or is not absorbed, the surface is sealed and not ready to coat. If the surface is sealed, remove the sealer/coating with a chemical stripper or by using a concrete floor sander. Clean again with a brush and Restore Deck & Concrete Cleaner and conduct the splash test again. Continue this process until the water is absorbed

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by the wood in all test areas. Let the surface dry completely before application. Failure to follow this process will result in poor adhesion and possible coating failure.

### **Q. Can I coat damaged/flawed/marred concrete?**

**A.** Do not apply Restore 2X One Coat Solid Stain on damaged, flawed, or marred concrete.

### **Q. What kind of test can I perform to confirm that the concrete is sound?**

**A.** A visual assessment of the condition of the concrete, as well as checking for moisture and presence of a sealer (see test for this in the question below) are necessary tests to perform to determine if it is in good enough condition to coat.

### **Q. Why is it important to test for moisture or sealers?**

**A.** Presence of moisture and/or sealers will prevent the coating from adhering properly and may cause product failure. We do not recommend coating under either of these circumstances.

### **Q. How do I test for presence of moisture?**

**A.** Apply a 2' x 2' sheet of plastic (such as a heavy-duty garbage bag or 1 gallon plastic storage bag) to an area of the concrete. Tape down the edges with duct tape and allow to set for 24 hours. If water droplets appear on the inside of the plastic or if concrete appears wet (darker in color), moisture is trapped in the concrete and it should not be coated.

### **Q. How do I test for presence of a sealer?**

**A.** YOU MUST CONDUCT A SPLASH TEST TO TEST FOR THE PRESENCE OF A SEALER. PREVIOUSLY APPLIED SEALERS may be present on the concrete and are not always visible. The sealer will prevent the new coating from properly adhering to the concrete surface. Conduct a splash test by sprinkling water on multiple areas of the surface. Check at least 4 areas, or more for larger areas. Be sure to check both high traffic areas such as walkways and non-traffic areas. If the water absorbs rapidly into the surface, the surface is ready to be coated. Follow the instructions below for removing the sealer before coating.

### **Q. My concrete is sealed, can I still use this product? What do I have to do if it is sealed?**

**A.** If your concrete is sealed, the sealer must be removed prior to coating. This is best done by using a chemical stripper or a concrete floor sander. Next perform the test for presence of a sealer detailed above. If water continues to bead, the floor should not be coated. If water soaks into the surface, you may proceed to coat the floor as directed.

### **Q. My concrete patio already has paint on it. Can I apply this over another coating?**

**A.** You cannot apply Restore 10X Advanced Resurfacer directly over another coating. ALL EXISTING SEALERS, PAINTS, STAINS, WATER REPELLANTS OR OTHER FINISHES MUST BE REMOVED for Restore 10X Advanced Resurfacer to adhere properly. The previous coating needs to be removed using a chemical stripper or a concrete floor sander. After the old coating is removed conduct a splash test by sprinkling

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water on multiple areas of the surface. Check at least 4 areas, or more for larger areas. Be sure to check both high traffic areas such as walkways and non-traffic areas. If water continues to bead, the floor should not be coated. If the water absorbs rapidly into the surface, the surface is ready to be coated.

### **APPLICATION**

#### **Q. What is the best way to apply Restore 2X One Coat Solid Stain?**

**A. ONE COAT OF RESTORE 2X ONE COAT SOLID STAIN IS REQUIRED.**

ONLY APPLY RESTORE 2X ONE COAT SOLID STAIN WHEN THE AMBIENT TEMPERATURE WILL BE BETWEEN 50-90 DEGREES FAHRENHEIT DURING APPLICATION AND FOR A FULL 6 HOURS AFTER APPLICATION.

**DO NOT APPLY IF RAIN IS EXPECTED WITHIN 24 HOURS OF APPLICATION.**

**TRIM AND VERTICAL SURFACES:** Before applying Restore 2X One Coat Solid Stain to the horizontal deck, first coat vertical surfaces such as deck posts, railings, or balusters. Cut in around edges with a brush and coat visible areas between deck boards.

**STEP 1:** Thoroughly stir material before and during the project. When using more than one container, combine all containers to ensure color consistency.

**STEP 2:** Using either a 3/8" nap roller, short nap stain pad or synthetic paint brush saturate and apply generously in a consistent pattern. Work to a wet edge at all times. Avoid rolling back into coated areas where drying has begun.

**STEP 3:** Allow to dry 24 hours before light foot traffic and 48 hours before replacing furniture. If surface is tacky or soft, allow extended drying time before putting furniture or other heavy objects back in place.

Full cure to a hard finish will take approximately 7 days.

#### **Q. How many coats of Restore 2X One Coat Solid Stain do I need to apply?**

**A. ONE.** Restore 2X One Coat Solid Stain was developed so that you only need to apply one coat to your surface to have a finished look.

#### **Q. What is the coverage of Restore 2X One Coat Solid Stain?**

**A.** When applied properly, the film thickness of Restore will be two times thicker than regular paint.

1. One, 1-gallon can of Restore 2X One Coat Solid Stain will cover up to 250 square feet with one coat.
2. One, 5-gallon pail of Restore 2X One Coat Solid Stain will cover up to 1,250 square feet with one coat.

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### **Q. Can I apply Restore when it is Cold/Hot outside?**

**A.** Restore 2X One Coat Solid Stain should only be applied when the temperature is between 50 and 90 degrees Fahrenheit during application and for at least 6 hours after application. Do not apply if the temperature will drop below 50 degrees or go above 90 degrees Fahrenheit anytime for 6 hours after application. Concrete takes a long time to warm up; make sure the previous day has also been at least 60 degrees Fahrenheit prior to coating.

### **Q. The instructions say the coating should be applied when no rain is imminent. I live in a rainy climate where rain is always imminent. Can I still apply Restore?**

**A.** Yes. It is imperative that the coating be allowed to dry and cure for 24 hours before it is rained on. We recommend that you secure a large tarp over the area to be coated to protect the surface from rain and moisture.

### **Q. I plan to use more than one can of Restore to coat my patio/deck – how can I be sure that the color is exactly the same in each?**

**A.** If multiple cans are used they should be mixed together to ensure consistency in color.

### **Q. Can I add water to Restore to thin it?**

**A.** NO.

### **Q. My deck surface is still “tacky” and soft. What should I do?**

**A.** Extend the drying time. Drying times may vary depending on the temperature and humidity. Dry times listed are based off the optimal application temperature of 70 degrees. Restore 2X One Coat Solid Stain should not be applied if temperatures are below 50 degrees and above 90 degrees during application and if temperatures will drop below 50 degrees or go above 90 degrees for at least 6 hours after application.

### **Q. How long before furniture can be placed on the deck after the deck has been coated?**

**A.** 48 hours. We recommend that deck furniture have rubber tipped legs to avoid scraping the deck surface. Avoid dragging furniture on the Restore coated surface. It will abrade the surface and wear down the coating in the areas where dragging has occurred.

## **CLEAN UP, STORAGE & DISPOSAL**

### **Q. How do I clean up after application?**

**A.** Restore 2X One Coat Solid Stain is a water based product that will clean up with soap and water. For best results clean up should be done before the product dries. Cover the areas around spindles and walls to avoid splattering during the application process.



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### **Q. What do I do with leftover paint? How do I dispose of leftover paint?**

**A.** If you have any leftover paint, please make sure you secure the lid tightly and store in a room temperature environment. It is always good to keep some extra product for any future touch ups. If you rather not keep leftover paint then the best course of action is to purchase some paint hardener. This will solidify the product and then you can safely dispose in your trash.

## **MAINTENANCE**

### **Q. How do I maintain my newly coated surface?**

**A.** Basic maintenance consists of sweeping or blowing clean the surface from dirt, leaves, and other debris. Clean the surface seasonally and when necessary with Restore Deck & Concrete Cleaner, a brush and a water hose.

#### **DO NOT USE A PRESSURE WASHER**

**Remove snow by using a PLASTIC SHOVEL (DO NOT USE A METAL SHOVEL OR A SNOW BLOWER).**

**DO NOT USE SALT. If salt gets onto the coated surface remove immediately.**

### **Q. Can I use my barbeque on my deck?**

**A.** Yes, you can barbeque on your deck. Take care to avoid any hot ashes or coals on the deck surface. If oil or soot collects on the deck surface, it may discolor. Clean the oil and soot with household cleaners, be sure those cleaners do not have a high concentration of alcohol, acid and base or bleach.

### **Q. Can I put planters on my deck?**

**A.** Yes, you may put planters on your deck. To avoid discoloring or damaging the Restore coated surface, planters must be up off the surface. Plant stands, rollers, or glass blocks can be used to lift planters and pots up off of the deck surface. Avoid puddles of water under planters or hanging baskets.

### **Q. Will Restore 2X One Coat Solid Stain become hot in the sun?**

**A.** Yes. Just like any painted surface, Restore will become hot when exposed to the sun. If you are concerned about surface temperatures, or are applying Restore to a surface that has high exposure to sun (pool decks, sun decks, etc.), we recommend choosing our lightest colors, such as Beach or Cape Cod Gray. Lighter colors reflect light, while darker colors attract and absorb it.

## **RESTORE TROUBLESHOOTING**

### **Q. I applied Restore 2X One Coat Solid Stain to my deck or patio and it rained within 48 hours of application. Is there anything I can do to fix my project?**

**A.** Yes. Let the surface dry completely. Scrape any loose material from the surface. Clean the surface using the Deck & Concrete Cleaner and a deck brush. Be sure to let the surface dry once again. Apply one or two additional coats of Restore following the Application Instructions.

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### **Q. What is the warranty?**

**A.** Restore 2X One Coat Solid Stain has a Limited Warranty. Rust-Oleum Corporation guarantees product performance for the product in this can only as long as you own or reside in your home when our product was applied according to the label directions. You will receive as your exclusive remedy either a refund of the original purchase price or replacement with a product of equal value. We do not guarantee the product against factors beyond our control, such as damage to the product by others, poor condition of the substrate, structural defects, improper application, etc. We will not be responsible for labor or the cost of labor for removal or application of any product, or replacement of any wood structure.

### **Q. How can I remove Restore 2X One Coat Solid Stain?**

**A.** To remove Restore 2X One Coat Solid Stain completely you can use Restore Deck Stripper or a stripper with sodium hydroxide.

### **WARNING:**

DELAYED EFFECTS FROM LONG-TERM OVEREXPOSURE. Abrading or sanding of the dry film may release crystalline silica, which has been shown to cause lung damage and cancer under long-term exposure.

CAUTIONS: CONTAINS CRYSTALLINE SILICA. Adequate ventilation with air flow away from the user is required when sanding or abrading the dried film. If adequate ventilation cannot be provided, wear an approved particulate respirator (NIOSH-approved). Follow respirator manufacturer's directions for respirator use.