



## Versacryl Restoration Solutions, LLC

[www.versacrylrs.com](http://www.versacrylrs.com)

### Basic instructions for applying Versacryl® Restoration coatings to WPC and Vinyl decks

#### Cleaning and Preparation

1. Decks must be **CLEAN and DRY** prior to application. Wash off cleaning solution residue with clean water. Always follow manufacturer's cleaning instructions. Note that power washing is generally prohibited for cleaning WPC surfaces. Use commercially available cleaning solutions and always use per instructions on the containers. Always follow manufacturer's use and safety instructions when handling cleaning products.
2. Wet the deck surface with a hose then apply the cleaning solution using a garden sprayer, push broom or mop. Depending on surface condition, soil level and presence of mold, mildew, or algae, higher concentrations of bleach or other oxidizing cleaner may be needed for thorough cleaning. Allow the solution to remain on the deck for 10-15 minutes to "work" on the dirt and other contaminants. Re-apply the cleaner if needed to keep surface wet and do additional cleaning. Scrub wet surface with a push broom or scrub brush until clean. Repeat if needed. Per manufacturer instructions we do not recommend the use of power washer to clean older generation WPC decks.
3. Thoroughly rinse surface with clean water and let surface completely dry. Drying may take a day or two depending on temperature, weather conditions or surface porosity.
4. Double check to make sure the deck is dry. Remember, decks that are assembled using screws capped with deck matching plugs can take longer to dry. The plug holes can retain moisture. You can tape down a piece of clear plastic wrap on the surface to detect moisture. If moisture condenses on the bottom of the plastic additional dry time is needed. Prepared surfaces can be covered with plastic tarps to shield from dew and rain if application is delayed till the next day.
5. Vinyl Decks and surfaces should get a light sanding prior to Versacryl application.

#### Application

6. WPC composite decks and other WPC outdoor surfaces can be somewhat porous. This is not a defect but this condition will require the use of a 2 coat approach for WPC decks and or the use of a bonding primer to help seal the surface prior to Versacryl application. In cases where the deck surface is deteriorating and is easily gouged and exhibits areas where some of the deck surface has dis-bonded or can be removed, use a coat of Versacryl® bonding primer to reinforce the deck surface prior to the application of 2 coats of Versacryl® Topcoat material. Tape off any surface that is not to be coated. Use Care not to coat any unintended surface. Once the section is coated remove the tape immediately to avoid sticking. Move on to the next section using the same procedure. Continue until the whole job is done. Versacryl® coating can be thinned using MEK or MEK substitute, to reduce viscosity and speed application. 1-2 ounces of MEK per A, B mixed gallon is enough dilution to provide good application conditions if needed. Use 1/2 inch roller for flats and a stiff bristle brush for the gaps.
7. To begin, open the A side Versacryl® material. If included with the coating, add 1 package of pre-weighed Skid Mark anti-skid additive part "C" to 1 gal of Part A. Thoroughly stir using a drill and stir rod. It is not uncommon to find settling so stir the A material thoroughly. If needed use a stir stick to free up settled material
8. Once A is thoroughly mixed pour A side material into a larger bucket with volumes marked clearly and put a top on the bucket. For most jobs, 2 quarts of A and 1 quart of B will provide enough material to get started. Mix ratio is

always 2A:1B mix by volume. Stir the A:B mixture thoroughly. Let the mixed coating set for 5-10 minutes then stir again and you are ready to begin application. Occasionally stir the blended coating to keep it well mixed. Do **“NOT”** put stir sticks or blade mixers used for finished blend mixing back into unmixed A and B materials. Keep all coating cover with lids and out of direct sun in a cool shady place. Close unused A and B material as soon as possible to avoid contamination and spills. Do not apply Versacryl® when Deck SURFACE temps exceed 80F for the application period. Best application conditions are cool, cloudy, dry days

9. Be careful to avoid **HEAVY** coating buildup. Heavy buildup can cause uneven gloss and whitening. Be especially diligent with this issue when using brushes for cut in. 2 **THIN** coats of Versacryl® is the preferred application, and will yield the best results. When cutting in around posts or other obstructions using a brush make sure to brush out the coating to a thin film. **DO NOT** allow the coating to puddle or accumulate in thick films
10. Follow the application rate of 300-350 sq foot per gallon. Coverage will depend on surface conditions with heavily embossed or porous surfaces using more coating per sq foot. When ready, cut in around post areas or other obstructions with a disposable brush. Follow cut in immediately with a nap roller to apply coating to 3 -4 boards at a time
11. Apply the coating to the boards for their full length using long even pressure roller strokes. Use this cut in-roll out method for best results. Always sequence your cut in and roll out together to maintain a “wet edge”
12. Using 2 **thin** topcoats will yield excellent coating results and is typical for WPC coating projects including those using our bonding primer. Make sure the first coat can be walked on prior to second coat application. Walk on time will vary with temperature and humidity and conditions may allow for both coats to be applied same day. Test to make sure surface is not tacky before walking on 1<sup>st</sup> topcoat surface. If using the bonding primer on eroded surfaces the 1<sup>st</sup> topcoat can be applied as soon as it is dry typically 4-6 hours.
13. Top-coated surfaces can receive a second coat without further prep if applied no longer than 6 days after 1<sup>st</sup> coat. Deck furniture and other heavy items like flower pots can be returned to the deck after 6 days after final coat is applied.
14. Full technical properties for Versacryl® topcoats are reached in 7 days. Typically walking surfaces can be used in 24-48 hours after application depending on weather condition
15. Mixed coating will have a pot life of 1-1.5 hours depending on temperature and humidity. Versacryl® can be applied when DECK SURFACE temps are above 45 degrees F, not to exceed 80 degrees F during application.

### **Clean-up and Safety**

1. Clean up using MEK, Acetone, or Xylene.
2. Used brushes, roller covers, gloves etc. are disposed of as solid waste
3. Wear nitrile gloves when handling and mixing and applying Versacryl.
4. Tape off or cover with drop cloths any areas not intended to be coated
5. Do not smoke or use open flame when handling Versacryl.
6. Versacryl® is an exterior only coating. Never apply Versacryl in a closed area or inside
7. Versacryl® Restoration Coatings will cure to walk on condition in 24-48 hours. Full cure is reached in 7 days

**For additional information go to our website at [www.versacrylrs.com](http://www.versacrylrs.com) and access the application video the application tab.**

Thank you for using Versacryl® Restoration Coating Systems for restoring Vinyl and WPC composite decks and related polymer surfaces.