DECK SURFACING INSTALL INSTRUCTIONS

PART 1 GENERAL Updated 3/01/23

1) DESCRIPTION
   A) The Rebound Pool Surfacing System is a super bonding, flexible synthetic resin and thermoplastic solid membrane coating system which forms a cost effective, durable, anti-skid, chlorine, UV and chemical resistant surface over properly prepared substrates.

2) DELIVERY, STORAGE, AND HANDLING
   A) Keep covered and unopened until ready for use.
   B) The polymer has a one year shelf life when unopened.
   C) Avoid storing in the direct sun until ready to use. This will affect the speed it cures.

3) FIELD CONDITIONS
   A) Do not apply if precipitation is expected within a forty-eight (48) hour period before or after install.
   B) Windy days can cause leaves and other debris to fall onto the deck and stick to the surface after the first application.
   C) Pot life is affected by surface and ambient temperature and humidity.

PART 2 PRODUCTS

1) MATERIALS
   A) Fluid-Applied Flexible Synthetic Polyurethane (Aliphatic)
   B) Thermoplastic Colored Granules .5 to 1.5 mm (TPV)
   C) Clear Top Coat (Acrylic)

2) ACCESSORIES
   A) See Equipment List at the end.

PART 3 EXECUTION

1) **REBOUND WILL STICK TO ALMOST ANYTHING IT GOES ON. COVER WHAT YOU WANT PROTECTED! REBOUND CAN WICK UNDER TAPE ON NON-SOLID SURFACES.**

2) EXAMINATION

A) Examine substrates and adjoining construction, and conditions under which work is to be installed. Do not proceed with work until unsatisfactory conditions are corrected.
B) Verify the following surface conditions before application of Rebound Surfacing System:
    1) New concrete has cured for a minimum of 28 days and is free of moisture, not just surface moisture. If unsure, test with 12”x12” plastic taped down in direct sun. Check after a few hours for moisture under the plastic. **Any moisture will cause Rebound to not adhere and could create a vapor blister.**
    2) The surface has a minimum roughness of CPS2, but preferably CPS3. (See website ICRI.org) Similar to a medium to rough broom finish.
    3) Concrete surfaces are free of voids, spalled areas, loose aggregate and sharp protrusions.
    4) Surfaces are clean with no dust or chalking.
C) **The surface is one that Rebound will adhere to. It is recommended to test a 12”x12” area before continuing.**

3) SITE STAGING
    A) Clean and blow off the area around the deck.
    B) Cover all work areas with plastic, once Rebound dries, it will not come off most surfaces.
    C) Designate two areas, one for mixing the polymer and one for mixing the granules (If not premixed at your shop). The polymer can be mixed on the surface where it will be applied to avoid spills and stains.

4) PREPARATION
    A) Remove skimmer covers and other items to be put back on when completed.
    B) Substrates must be structurally sound and free from grease, oil, dirt, dust, sealers, water repellents and other foreign materials which may interfere with proper bonding. **If unsure, do a test area before continuing.**
    C) Smooth troweled concrete must be roughened to ensure a good bond. The Rebound #1250 Primer can also be used as a bond coat.
    D) If patching of the concrete surface is necessary, use concrete patch filler and flexible joint fillers (not silicone based products).
    E) Surface prep may be accomplished by either shot blasting, sand blasting, mechanical sanding, acid etching or power washing with min 3500 psi.
    F) To go over tile, grind off the top 1/16” from the face profile to allow a surface for Rebound to adhere to.
    G) Adheres to properly prepared concrete, plaster, rock / pebble surfaces, brick, and most epoxy surfaces. Use Rebound #1250 primer for unknown surface coatings. **Test to see that Rebound adheres before proceeding.**
    H) Tape off items that need to be protected and cannot be removed. Clean off any Rebound immediately if it gets on areas accidentally.
    I) Additional Preparations:
        (a) All adjoining surfaces, drains, curbs and copings, to be 3/16” inch higher for Rebound to terminate flush. If necessary, grind 3/16” deep by 1-1/2” inches wide.
        (b) Rebound will self level against walls at applied thickness.

5) INSTALLATION - DECKS
    A) Apply polymer between 50 and 105 degrees and where the temp will be above 50 for 8 hours after applying the polymer.

B) The polymer is a 2 part mixture that has an A and B component. Shake part B thoroughly then pour completely into part A.

C) Half Kits have Red labels on both Part A (3 gal bucket) and Part B (1 gal can). Full Kits have Green labels on both (5 gal bucket and 1 gal can).

D) The pot life of one 5-gallon bucket depending on temperature and humidity is 25-45 minutes. Keeping the polymer cool and out of the sun before mixing will extend the pot life. When splitting the kits, stir both part A and part B thoroughly before splitting as the contents could have settled over time. The ratio of A:B is 4:1.

E) Mix with a paddle mixer until fully combined. Over mixing can reduce pot life. Be sure to get all the product off the bottom and sides.

F) **The polymer needs to be recoated within 24 hours and should be tacky to the touch.** For best results apply the second layer later the same day, once you are able to walk on the surface with vinyl tape on the bottom of your shoes. When the second coat will not be applied within 24 hours, do to rain or other issues, use Rebound #1250 primer to ensure it adheres to itself.

G) Mix the granules using a tripod type mortar mixer in correct quantities based on the chosen blend and place in buckets or back in the bags around the deck until needed. The mixer should be able to accomodate 1 bag or two 5 gallon buckets. A larger mixer can accommodate 1-1/2 bags which is three 5 gallon buckets. (One bag of granules equals two 5 gallon buckets)

H) **First Layer, Polymer Only**:
   (a) Use a brush to get around drains, thresholds, rocks, etc, build up if necessary.
   (b) Liquid is applied with 3/4” nap roller cover or 1/4” notched speed squeegee (From Seymour Midwest, 25-30 wft) in one coat at approx 1/8” depending on surface condition for the entire surface. Dip the roller into the bucket bucket if rolling and a new roller cover as needed. Back roll to get an even coat and eliminate bubbles. If some bubbles appear, a blower on idle will pop them while the product is still curing. Target 240 sf/kit. Filling voids and joints will use more polymer. Very rough exposed aggregate and uneven surfaces may use as much as 100 sf/kit.

I) **Second Layer, First Broadcast**:
   (a) Once the first layer has set and you can walk on it, approximately 3-4 hours. Use vinyl tape on the bottom of your shoes or use spike shoes to avoid disturbing the surface and sticking to it.
   (b) Use a 3/4” roller cover or notched speed squeegee and apply the second coat. Target 240 sf/kit.
   (c) Manually broadcast granules onto the wet surface until refusal or until liquid is completely covered. Areas where more is needed tend to look like shiny spots. Continue to look for these as some granules get absorbed over time, 15 to 30 minutes. Excess is okay, they will be reused the next day.
   (d) Do not let the polymer dry before applying the granules. This will create bald spots. Communicate and work together.
   (a) Work as a team so that the people applying the polymer stay just ahead of the people broadcasting. Keep a wet edge of polymer but keep granules away enough to stay off the roller covers.

J) **Third Layer, Second Broadcast**:
   (a) Dispose of leaves and other debris first. Use plastic dust pans to scoop up the bulk of the granules. Broom and brush and then vacuum all loose granules from the entire deck to be reused on this next broadcast.

(b) Repeat the process as above for the cushion layer for both liquid and granules, this time using 3/4” roller cover or magic trowel (From Seymour Midwest or others). Target 125 sf/kit.

(c) After a dry time of approximately 12-24 hours, depending on the temperature and weather, the newly applied Rebound Surfacing is cured enough to walk on.

K) Fourth Layer, Clear Coat:

(a) Again use dust pans then brooms and shop vacuums to pick up all loose granules. **Vigorous brushing with stiff type brushes and brooms will help to avoid granulation later for your customers.** A new inexpensive home carpet vacuum will also work well to knock off the barely stuck granules and suck them up to be reused. Do not power wash.

(b) Apply using a new pump up sprayer with the tip on fan mode. The Home Depot HDX model using the red tip works well. Go in one direction, then do a second coat in a perpendicular direction. Back roll if needed for even coverage. Filtering the liquid first will help prevent clogs and dribbles. Target use of 100 to 150 sf/gallon.

(c) Keep water off for a minimum of 24 hours

L) Yields: Liquid, 100 to 240 sf/kit on first coat, depending on the surface. 240 sf/kit on the second coat, 125 sqft on the third coat. Granules, .6 lbs per square foot per broadcast, .3 lbs net usage.

M) Finishes thickness of the layers: 1) 1/32", 2) 3/32", 3) 3/16"

6) PROTECTION

A) Prohibit traffic on floor finish for 24 hours after installation.

B) Wait 2 days after the last broadcast before getting wet. Barricade area to protect flooring until fully cured.

7) KEY REMINDERS

A) Rebound will stick to almost anything and may not come off. Cover what you want protected!

B) The surface must be “Bone” dry not just surface dry. Any moisture will cause Rebound to not adhere and could create a vapor blister.

C) It is recommended to test a 12”x12” area before continuing to check for vapor and adhesion.

D) Inadequate preparation of surfaces will virtually assure inadequate coating performance and adhesion.

E) The polymer only layer needs to be recoated within 24 hours and should be tacky to the touch. The same for the primer.

F) Do not exceed the coverage guidelines as the coating will end up too thin.

G) Do not let the polymer set up before broadcasting, this will create bald spots. Communicate and work together.

H) After scooping the granules from broadcasting, use stiff brushes and brooms to knock free the loose granules on the floor, then vacuum them up into bags or buckets. The better this is done the less granulation your customers will have later.

I) All decks need periodic cleaning, including speciality surfaces to prevent standing water to mildew and leave dark spots.

PART 4 DISCLAIMER

1) The information and recommendations in this document of preparation and installation procedures are to the best of our knowledge and understanding. However, since the conditions of handling and use are beyond our control, Rebound Pools, L.L.C. makes no guarantee of results, and assumes no liability for damages incurred by the use of our product.

2) The installer assumes all responsibilities for proper safety procedures, surface preparation and application of Rebound Pool Surfaces. The installer shall indemnify and hold Rebound Pools, L.L.C. harmless from any claim, action, damages, or liability asserted by any third party against Rebound Pools, L.L.C. because of any Rebound Pools, L.L.C. product used by the installer, and the installer shall maintain coverage sufficient to hold Rebound Pools, L.L.C. harmless under this indemnity.

PART 5 EQUIPMENT

1) EQUIPMENT NEEDED	Qty	
Electric Tripod Type Mixer	1	
Heavy Duty Drill	1	
Blower	1	
Shop Vac	1	
Extension Pole 3'-6'	2	
Notched Speed Squeegee	1	Available thru Rebound 18” or 24”
Magic Trowel	1	Available thru Rebound 18” or 24”
Paddle Bit	1	
Spike Shoes Pointed	2	
Stiff Brush	2	
Stiff Broom	1	
5 Gallon Buckets		

2) PRODUCTS CONSUMED	Qty	
Heavy Duty Roller Frames	4	(Optional)
Roller Covers 3/4" Lint Free	6	(Optional)
Poly Tape 2"	4	Available thru Rebound
Bucket Roller Screens	2	
Plastic 10x25 4 mil	1	
Bag of Rags	2	
Nitrile Gloves (box)	1	
3" Chip Brushes	10	
Small Buckets		