IN-GROUND STEPS 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 wet polymer prior to applying the granules.
   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)

2) ACCESSORIES
   A) See Equipment Needed list at the end.

PART 3 EXECUTION

1) **REBOUND WILL STICK TO ALMOST ANYTHING IT GOES ON AND MAY NOT COME OFF. COVER WHAT YOU WANT PROTECTED! THE POLYMER CAN WICK UNDER TAPE ON NON-SOLID POROUS SURFACES LIKE CONCRETE.**

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 substrate conditions before application of the Rebound Surfacing System:
    1) The steps are a material that Rebound will stick to. Verify it is; fiberglass, thermoplastic or polymer.

3) STEP STAGING
    A) Clean and blow off the area around steps.
    B) Cover all work areas with plastic. Once dried, Rebound will not come off most surfaces. Tape is not recommended on rough or porous surfaces as the polymer could wick under it.
    C) Designate a clean area to mix polymer and granules, the floor of the pool makes a convenient place.
    D) Put plastic under the last step to catch all loose granules so they can be reused.

4) PREPARATION
    A) Check steps for any voids that may require repair. If necessary, repair before proceeding.
    B) Thoroughly clean the steps, wipe down with acetone.
    C) Prep the surface so that Rebound will adhere.
        1) Fiberglass: Grind with a twisted wire wheel brush to roughen the entire surface. Rough hand sanding with 60 grit paper or belt sander.
        2) Thermoplastic: The acetone may soften the surface if done just before applying the polymer, but we recommend roughening up the surface.
        3) Other: Some surfaces may require a bonding primer. If unsure, use Re bound #1250 Primer or Amerlock 400 as a bond coat.
    D) **Always do a test area to check for adherence before continuing.**

5) INSTALLATION
    A) Apply polymer between 50 and 105 degrees.
    B) The polymer is a 2 part mixture that has an A and B component. Shake part B thoroughly before pouring completely into part A.
    C) The pot life depending on temperature and humidity is 25-45 minutes. To avoid wasting material, kits can be split using a ratio of 4:1, part A:B. If so, stir both part A and part B thoroughly before splitting as the contents may have settled.
        1) Small Steps (approx 6’ under): 1st and 2nd coats 48:12 ounces, 3rd coat 120:30.
        2) Large Steps (approx 8’ plus): 1st and 2nd coats 64:16 ounces, 3rd coat 160:40.
    D) 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).
    E) Mix with a paddle mixer until fully combined, about 2-3 minutes. Start slow to avoid splash outs. Be sure to get all the product mixed off the bottom and sides of the bucket.
    F) **The polymer needs to be recoated within 24 hours and should be tacky to the touch.** Normally you can apply the second layer later the same day, after about 3-4 hours. If necessary you should be able to walk on the surface without disturbing it.
    G) Mix granules using a mortar type tripod mixer in correct quantities based on the chosen blend and place in buckets or back in the bags until needed. The mixer should be able to accomodate 1 bag or two 5 gallon buckets. Large mixers can hold 1-1/2 bags or three 5 gallon buckets (One bag of granules equals two 5 gallon buckets) For small jobs, granules can be blended in a wheelbarrow or bucket.
    H) **First Layer, Primer**:

(a) Stir the primer then apply in a very thin coat using a brush.
(b) Allow the primer to film over before coating with the polymer. This could take overnight.
(c) This layer will use approx 1 quart.

l) **Second Layer, First Broadcast**:
(a) Allow the polymer to sit for 5-10 minutes to thicken slightly. This will allow for a thicker coat.
(b) Use a brush to go around the edge of the steps applying it in a quick covering layer. It can also be applied using a 3/4" nap roller cover. Quickly cover the entire surface.
(c) **Once completely covered, reroll the entire surface to evenly distribute the polymer before throwing the granules.**
(d) Throw the granules onto the surface, going straight towards the surface. You can also use your hand and sweep a handful up the vertical surfaces letting the granules do the work. Be careful not to rub the polymer with your hand or roll the granules into the polymer. Look for shiny spots where more granules are needed while it sets up.
(e) Broadcast the horizontal surfaces to refusal. Mistake areas can be corrected later. This layer may not look great, but will work well for the top layer to adhere to.
(f) This layer will use:
(1) Small Steps up to 6' - Approx 48:12 ounces (Part A:B)
(2) Large Steps over 8' - Approx 64:16 ounces (Part A:B)

2) **Third Layer, Second Broadcast:**
(a) The first broadcast needs to cure enough to be able to lightly brush off the excess granules from the horizontal surfaces, approx 2-4 hours.
(b) Clean off the leaves and any debris first as the granules can be reused. Using a shop vacuum on this layer is best, but a light brushing can also work to get all the loose granules up.
(c) Repeat the step above, with one more polymer layer and applying granules a second time.
(d) After a dry time of 12 to 24 hours, depending on the temperature and weather, the newly applied Rebound surface is cured enough to walk on. Use a stiff brush to knock free the loose granules then vacuum them up and place in buckets for future use. Cover with lids to keep moisture out. The brushing reduces the granulation that happens for a few weeks. The granules do not float and a good in-pool cleaner will collect them.
(e) Finishes thickness of the layers: 1) 1/32", 2) 3/32", 3) 3/16". The vertical surfaces may end up a little less, horizontal a little more. Extra polymer on the steps can eliminate the tread design pattern if desired.
(f) This layer will use:
(1) Small Steps up to 6' - Approx 120:30 ounces. (Part A:B)
(2) Large Steps over 8' - Approx 160:40 ounces. (Part A:B)

6) PROTECTION
A) Prohibit traffic on the steps for 24 hours after installation.
B) Wait 2 days before filling with water after the last broadcast.
C) 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) It is recommended to test an area before continuing to check for adhesion.

C) **Inadequate preparation of surfaces will virtually assure inadequate coating performance and adhesion.**
D) **The primer needs to be recoated within 24 hours and should be filmed over.**
E) **Do not exceed the coverage guidelines as the coating will end up too thin.**
F) **Do not let the polymer set up before broadcasting, this will create bald spots.**
G) **Once completely covered, reroll the entire surface to evenly distribute the polymer before throwing the granules.**
H) **After scooping the granules from broadcasting, use stiff brushes to knock free the loose granules, then vacuum them up into bags or buckets. The better this is done the less granulation your customers will have later.**

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
Shop Vac	1
Paddle Bit	1
Stiff Brush	1
5 Gallon Buckets	

2) PRODUCTS CONSUMED QTY

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