



## **IN-GROUND STEPS INSTALL INSTRUCTIONS**

### **PART 1 GENERAL**

#### 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 (24) hour period before or twenty four (24) 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) Primer - One Component, Solvent Based Polyurethane.
- B) Polymer - Fluid-Applied Flexible Synthetic Aliphatic Polyurethane.
- C) Granules - Thermoplastic Colored TPV .5 to 1.5 mm.
- D) Polydust - Thickening Fibers.

#### 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.

## 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 can 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) Rough up of the surface prior with a wire grinding wheel.
- C) Thoroughly clean the steps, wipe down with acetone before applying primer.
- D) **Always do a test area to check for adherence before continuing, especially on the Face Cap if wanting to apply Rebound.**

## 5) INSTALLATION

- A) Rough the complete steps with a wire wheel brush on a grinder or 24 grid sandpaper.
- B) Apply Rebound #1250 Primer with a brush and apply thin, redistributing any puddles.
- C) Apply polymer once the primer has skinned over yet still tacky, anytime between 3-12 hours.
- D) Apply polymer between 50 and 105 degrees.
- E) The polymer is a 2 part mixture that has an A and B component. Shake part B thoroughly before pouring completely into part A.
- F) The pot life depending on temperature and humidity is 25-45 minutes.
- G) To avoid wasting material, kits can be split using a ratio of 4:1 of part A:B. If so, stir Part A thoroughly before splitting as the contents may have settled.
  - 1) Small Steps (approx 6' and under): 1st coat 80:20 ounces, 2nd coat the rest of the kit.
  - 2) Large Steps (approx 8' and over): 1st coat 120:30 ounces, 2nd coat the complete second small kit. (Save the half of the first kit for next time)
- H) Half Kits (small) have Red labels on both Part A (3 gal bucket) and Part B (1 gal can). Full Kits (Large) have Green labels on both (5 gal bucket and 1 gal can).
- I) 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.
- J) Granules will be sent premixed. For larger jobs, 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 accommodate 1 bag or two 5 gallon buckets. (One bag of granules equals two 5 gallon buckets) For small jobs, granules can be blended in a wheelbarrow or bucket.
- K) **First Layer, Primer:**
  - (a) Stir the primer then apply in a very thin coat using a brush, avoid puddling. The thinner the better, but cover completely.

(b) Allow the primer to film over before coating with the polymer. Quite tacky is okay, between 3 and 12 hours. If in the sun all day, the primer could “bake” and create a hard non-tacky surface. **Be sure to coat within 12 hours.**

(c) This layer will use under 1 quart.

L) **Second Layer, 1st Broadcast:**

(a) 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.

(b) **Once completely covered, reroll the entire surface to evenly distribute the polymer before throwing the granules.**

(c) 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. While it sets up, look for shiny spots where more granules are needed.

(d) 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.

(e) This layer will use:

(1) Small Steps up to 6’ - Approx 80:20 ounces (Part A:B)

(2) Large Steps over 8’ - Approx 120:30 ounces (Part A:B)

2) **Third Layer, 2nd Broadcast:**

(a) The first broadcast needs to cure enough to be able to lightly brush off the excess granules from the horizontal surfaces without disturbing the polymer, approx 2-4 hours.

(b) Clean off the leaves and any debris first so 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 another layer of polymer over the first broadcast and applying granules a second time. this will take approx twice as much polymer.

(d) After a dry time of 4+ 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. Vigorous brushing knocks off the barely stuck on granules and 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’ - Leftover kit from first layer.

(2) Large Steps over 8’ - Full second kit.

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) Use a wire brush wheel to roughen up the complete surface.
- E) The primer needs to be recoated within 12 hours and should be filmed over.
- 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.
- H) Once completely covered in polymer, reroll the entire surface to evenly distribute it before throwing the granules.
- I) 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

Heavy Duty Drill	1	
Shop Vac	1	
Paddle Bit	1	
9" Stiff Brush	1	
5 Gallon Buckets		Storing granules.

2) PRODUCTS CONSUMED QTY

4" Roller Frame	1	
Roller Covers 3/4" Lint Free	2	Cut 9" covers in half.
Poly Tape 2"	1	Available thru Rebound.
Plastic 10x25 3 mil	1	
Bag of Rags	1	
Nitrile Gloves (box)	1	
3" Chip Brushes	2	
Small Mix Buckets		

**PART 6 FIRST AID MEASURES**

## 1) GENERAL NOTES

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/eye protection/face protection.

In case of inadequate ventilation wear respiratory protection.

IF ON SKIN: Wash with plenty of water/soap.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents/container to approved waste disposal.