

Better Plus Kit

Installation Instructions

____Step 1:

Sweep or power blow entire floor surface area

____Step 2:

Typically, old concrete floors have contaminants which must be removed prior to coating. Using a diluted degreaser and hot water, you should scrub those areas vigorously. Heavy contaminated or oily areas should be concentrated and repeated if necessary. Grinding should be done if the degreaser is ineffective.

____Step 3:

Add acid granules floor prep solution into 5 quarts of chilly water in a plastic sprinkling can or plastic pump sprayer and mix until diluted. This will yield enough premix to cover up to 500 sq ft using the 9 oz prep solution included with the full kit.

____Step 4:

Cleaning a 10' x 10' section at a time, (using the optional sprayer) apply the premix evenly over the surface. Do not expect foaming. Scrub the premix into the surface with a stiff bristled broom. Move to the next 10' x 10' area.

____Step 5:

After application of floor prep, double rinse the surface with a water hose. Scrub while rinsing to ensure removal of all loosened material.

NOTE: It is best to scrub in both directions. Baking soda sprinkled over the floor will aid to neutralize the acid.

After the surface has dried, check any glossy or oily areas by applying a few drops of water. If water does not penetrate quickly, re-etch the affected areas.

Note: Muriatic acid can be used in place of clean and prep solution.

Allow the floor to dry fully before coating. A power blower can be used to assist in the evaporation of the remaining water. Once your floor is dry, rub your fingers on the concrete and check your fingers for a film. If there is no film, you are prepared for application of the coating. Remember you must remove contaminants and create a profile before coating or your coating will not adhere correctly.

Mixing Instructions

___ Step 6:

Install Spike Shoes

Rinse and dry the large mixing bucket (which held all kit contents) with a clean rag prior to mixing. Install the supplied mixing tool into a high-speed drill. Apply protective plastic onto a 10' X 10' area where mixing is to be performed (not on the floor coating surface).

___ Step 7:

Mix Part "A" of epoxy in its original bucket for 2 minutes. If the color is not what you like "STOP," do not activate and contact PerformanceDIY.com for options as activation, mixing or application will NOT change color.

___ Step 8:

Into the large, cleaned mixing bucket, pour all Part "B" ACTIVATOR/HARDENER contents.

___ Step 9:

INTO THE SAME OUTER MIXING BUCKET, pour all pre-mixed contents of epoxy Part "A" RESIN.

____Step 10:

Mix thoroughly with the mixing tool for 3 minutes paying close attention to mixing all around the buckets sides and raising and lowering with the mixing tool.

Note: Mixing must be very thorough (3 minutes), or the coating will not cure and clean up, and removal of the uncured epoxy will be costly and very time consuming. Do not wipe the sides of the mixing bucket between mixes or after the final mix as there may be residual unmixed epoxy. The residual epoxy in the mixing bucket will not adversely affect the future epoxy mixes.

____Step 11:

IMPORTANT: Immediately pour ALL mixed contents in a line on the floor (Do not leave any mixed coating in the bucket for cut in, use the material on the floor to cut in around perimeter). Starting in the farthest corner of the room, pour mixed contents (parallel to and approx. 2' from the wall"). Using the kit brush, cut in the perimeter walls or any other obstruction that may be hard to roll. For a full kit pour half of the mixed contents parallel to the wall and half parallel to the first pour in the center of the room. You will have two equal lines of materials approximately 3"-4" wide separated approximately 8'-12'.

Note: After pouring mixed coating from the bucket to the floor, you have 30-40 minutes working time @ 70 degrees F (less time at higher temps).

Application Instructions:

____Step 12:

Using the kit squeegee, (perpendicular to the poured line of epoxy) draw the epoxy from the back wall with the squeegee until there is no longer wet epoxy to draw back. Continue to squeegee pulling this product down the line until complete.

____Step 13:

With the kit roller perpendicular to squeegee application, roll the epoxy until even and consistent.

___Step 14:

Go back to the entire floor in the opposite direction.

___Step 15:

Flake Application for Base Coat

Taking a pinch amount, apply flake chips into base coat by throwing the flakes into the air a minimum of 5' or higher, rebounding off ceiling if possible, apply evenly throughout. Apply evenly to desired density.

Remember, only flake a section after the floor area looks satisfactory as once you flake the floor you will not be able to re-back roll again.

Clean squeegee while wet with xylene or MEK thinner for use on next steps.

___Step16:

After 10-12 hours remove left over flake from the floor by sweeping and vacuuming then blowing all remaining flake chips.

PerformanceDIY.com Poly 300 Clear Top Coat:

WARNING: Wear protective gloves, clothing, eyes, and protection when using this product. Proper ventilation is required for use. See the SDS sheet for more information, available at [www. PerformanceDIY.com](http://www.PerformanceDIY.com).

Install spike shoes.

Note: Mix ratio is 1 to 1 by volume

___Step 17:

Pour ½-gallon (250 s.f. kit) or 1-gallon (500 s.f. kit) contents of Part "A" Poly 300 into the large clean black container.

____ Step 18:

Pour ½-gallon (250 s.f. kit) or 1 gallon (500 s.f. kit) contents of Part “B” into the same large clean black container.

____ Step 19:

Mix thoroughly for 2 minutes

____ Step 20:

Starting in the farthest corner of the room, pour 1/2 mixed contents (parallel to and approx. two feet from the wall”). Using the kit brush, cut in the perimeter walls or any other obstruction that may be hard to roll.

____ Step 21:

Using the kit squeegee, (perpendicular to the poured line of mixed Poly 300) draw the poly from the back wall with the squeegee until there is no longer wet poly to draw back. Continue to squeegee pulling this product down the line until complete.

____ Step 22:

With the kit roller, perpendicular to squeegee application, roll the poly until even and consistent.

Repeat steps 20-22 pouring remaining mixed contents on dry concrete parallel to wet poly; 1-foot apart.

____ Step 23:

After the second section is squeegeed and rolled, go back and re-back roll entire floor completely

If you desire to have aluminum oxide nonskid added to the floor broadcast aluminum oxide non-skid over the floor in lesser amounts (only in the previous section which has been back rolled a 2nd time). Taking a pinch amount apply by throwing the non-skid into the air a minimum of 5' or higher. Re-bounding the non-skid off the ceiling is a good idea to get even coverage.

Note: Aluminum oxide will make the floor more slip resistant but will make it harder to clean; it should be used according to your desired needs.

PerformanceDIY.com *non-skid additive is industry standard and accepted means for creating a proper recommended OSHA 0.5 COEFFICIENT FRICTION slip resistant non-skid surface.*