

CONCRETE SEALER REPAIR INSTRUCTIONS

MUDSHIELD 45M - INDUSTRIAL URETHANE COATING

OVERVIEW

This kit is intended for re-coating both indoor & outdoor Trueform Concrete products such as sinks, countertops, table tops and other surfaces. One 8oz. kit should cover approximately 40 sq. ft. of surface. You should always account for overage. Please read these instructions in their entirety before beginning so you can best set yourself up for success.

Our two kits are designed for different types of objects. Sealer Repair Kit 4 (SRK-4) is meant for smaller, more detailed objects such as sinks. For this reason, it uses a 4" roller to get into tighter areas. Sealer Repair Kit 9 (SRK-9) is meant for larger objects with bigger surfaces. For this reason, it uses 9" rollers which cover a greater area.

We strongly recommend that you coat that the entire object's surface rather than a portion of it. For example, if you are resealing your kitchen countertops, you will want to coat all of the surfaces to ensure uniformity in sheen rather than stopping at a seam or an appliance. Large areas may require more than one kit.

Please note that this coating has an odor to it. If you are sensitive to chemicals, you should remove yourself from the premises while this coating is being applied. Stay away for at least 4 hours until the product has initially set up. If the room has a vent fan, turn it on and open a window to create cross ventilation. Make sure the area that you will be repairing is clean and has BEEN DRY for 12 hours. Please note that you will be handling a solvent-based sealer, so you should always wear a pair of safety goggles, a mask, and the protective gloves while handling the sealer. Please refer to the included MSDS Sheets for product and safety information.

This sealer will take 12 hours to cure, so assume that your concrete will not be in service for one day. "Spot" coating only a small area will not visually blend in well, so we always recommend re-coating the entire concrete piece. Exceptions to this would be a sink. There are many different faces and elevations to a sink that could be coated individually. If the inside of the sink basin needs to be re-coated, you can just sand and re-coat the inside of the sink basin and stop where the sink walls meet the countertop. Similarly, if just the *countertop* portion of your concrete sink needs to be re-coated, sand and re-coat only the countertop portion.

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WHAT IS INCLUDED IN THE KIT

- (1) 220-grit sandpaper
- (2) Latex Gloves
- (1) Lint Free Rag
- (1) Wood mixing stick
- (1) 10 oz paper cup (or a similar disposable container)
- SRK-4 uses 1 roller while SRK-9 uses 2 rollers
 - **SRK-4** Qty 1 - 4" x 1/4" nap Premium White Woven Roller
 - **SRK-9** Qty 1 - 9" x 1/4" nap Adhesive Roller (for application)
Qty 1 - 9" x 3/8" nap Non-shed Microfiber Roller (for backroll)

WHAT YOU NEED TO PROVIDE

- Orbital Sander
- Roller Frame (mini 4" for SRK-4 or standard 9" for SRK-9)
- Paper towels, cardboard and/or newspaper
- Painter's Tape
- PPE (mask & eye protection)

CONCRETE SURFACE PREPARATION

Sand the surface: The entire surface should be sanded using 220-grit paper. This will ensure optimum adhesion of the new sealer to the old surface. Ensure the surface is evenly sanded and that there are no visible swirls or sanding marks. For the best results, use a random orbital with 220-grit dry sanding discs.

Clean the surface: Once uniformly sanded, use a rag to clean the entire surface to remove any excess dust or grime. Make several passes to ensure the surface is completely free of debris. Acetone can be used to clean and wipe down as well.

Tape off surrounding area: If necessary, use painters tape to tape off any surfaces (backsplash, walls, etc.) or appliances that you want to remain free of sealer.

MIXING THE SEALER

This is a two-part (A & B) urethane sealer system, and so mixing will be required. Once mixed, the sealer should be applied relatively quickly to make sure you remain within the appropriate pot life. (Pot Life @ 70°F = 2 hrs)

You will need: Part A, Part B, 10 oz paper cup, and a Wood mixing stick. NOTE: Use the proper PPE: Eye protection, Mask & Gloves.

1. Use cardboard or newspapers to mix over in case of spillage and dripping
2. Open the "A" container and pour the entire contents into the paper cup
3. Open the "B" container and pour the entire contents into the paper cup
4. Using the Wood Mixing Stick to stir in one direction, then reverse and stir in the opposite direction. Make sure to scrape all sides while stirring to ensure that you have thoroughly mixed the components. Stir for 2 minutes.

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SEALER APPLICATION

SRK-4 Roller Kit: Applying

Use the 4" x 1/4" Roller to apply sealer. Starting at one corner of a piece, pour sealer onto the concrete and immediately begin to roll material out over the surface. Move outward from your starting point. Once you have begun rolling out sealer, be sure to pour additional sealer only on areas that have already been coated with sealer. Once the concrete surface is completely coated, make several roll passes to even out the film thickness of the coating. You may not need to use all 8 oz for the project - less is more with this sealer.

Backrolling

Using the same 4" roller, begin at one side of the concrete piece and roll backwards, working your way down towards the opposite side. This time you will apply lighter overall pressure to the roller and slightly cross over the previous line with each pass. Your goal is to feather out roller lines across the surface. You may need to make a few passes to get out roller lines.

SRK-9 Roller Kit: Applying

Use the 9" x 1/4" Adhesive Roller to apply sealer. For tight spaces & corners we recommend using a 4" x 3/8" nap roller or chip brush. Starting at one corner of a surface, pour sealer onto the concrete and immediately begin to roll material out over the surface. Move outward from your starting point. Once you have begun rolling out sealer, be sure to pour additional sealer only on areas that have already been coated with sealer. Once the concrete surface is completely coated, make several roll passes to even out the film thickness of the coating. You may not need to use all 8 oz for the project - less is more with this sealer.

Backrolling

Using the same 4" roller, begin at one side of the concrete piece and roll backwards, working your way down towards the opposite side. This time you will apply lighter overall pressure to the roller and slightly cross over the previous line with each pass. Your goal is to feather out roller lines across the surface. You may need to make a few passes to get out roller lines.

SUBSEQUENT APPLICATIONS

More than one layer can be applied, if desired. Please wait 24 hours prior to re-coating or sanding. We recommend always sanding between coats with 220 grit paper

CLEAN UP

Follow local, state and federal regulations. Refer to Material Safety Data Sheet for proper handling of products listed in these instructions. Acetone may be used to clean application rollers and other equipment immediately after use if not being disposed of.