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SUPER BASE™ TWO PART EPOXY

ON ASPHALT, CONCRETE OR PARTICLE BOARD FLOORING

Before You Begin

Super Base™ Two-Part Epoxy was designed as a base coating to be used to smooth asphalt, concrete and particle board surfaces and **is not** intended to be used as a skate floor coating. DO NOT mix or apply this coating in temperatures above 80 degrees (F).

Storage

Store indoors only. Keep from freezing. In cold weather, keep all containers at room temperature for 48 hours prior to application

Preparation

NOTE: Shut down all sources of flame around the area where Super Base™ is to be used. Do not mix or apply near open flame or operating sparking system.

For best results when mixing Super Base™ use double bladed mixer.

**DO NOT MIX OR APPLY IN ROOM
TEMPERATURES ABOVE 80 DEGREES**

This methods bulletin is to be used **only** by appropriately trained persons in conjunction with such training. IMPROPER USE OR OPERATION OF CHEMICALS OR EQUIPMENT POSES RISK OF PHYSICAL INJURY OR PROPERTY DAMAGE. Specific risks include, but are not limited to, burns, and improper application of chemical products (e.g. wrong product, wrong product combinations, improper applicator use, and improper curing.) Because successful and safe application is the responsibility and obligation of the trained applier, the manufacturer disclaims any and all warranties, express or implied, including warranties of MERCHANTABILITY or FITNESS OF PURPOSE. The manufacturer shall have no obligation except to replace repair, or pay for, in its sole discretion, any chemical product or equipment shown to be defective.

No person has authority to waive these disclaimers or make any representations or warranties on behalf of the manufacturer, except in writing signed by the manufacturer.

If you have not had training with the particular product or equipment discussed in these guidelines that you intend to use, please call: **Roll-on Floor Systems, LLC 817-571-2438** to discuss and arrange training.

NOTE: Spread rates vary by method of application. The product is not self-leveling, therefore airless spray or squeegee application are the most successful when establishing a skate floor base coat. If the product is rolled - as may occur in small areas - use 1/4 " nap rollers and be prepared to aggressively sand the area smooth when cured.

Achieving the recommended thickness of the base coat is calculated at 100 square feet per gallon applied through progressive stages to complete the entire job. Regardless of the application method (squeegee or airless spray) chosen, the actual task is to focus on the progressive application of all the calculated material using one of the application methods below.

1. Before combining Part A and Part B, stir each part separately with a mixing paddle for a minimum of 5 minutes or until all solids are thoroughly mixed.
2. **When applying to large areas, mixing 10 or 20 gallons at a time in a new galvanized trash can works well. Wash the can completely with dish soap and warm water, rinse thoroughly and let dry before blending.** Pour equal amounts of Part A and Part B into a 20 gallon (or larger) **GALVANIZED** trash container. **DO NOT USE RUBBER TRASH CONTAINERS.**
3. Allow blended mixture to "**cook**" (the two parts activating) in the container for **30 to 45 MINUTES** before applying. Once mixed, Super Base™ has a **maximum POT LIFE** (the useful liquid life of the epoxy after it has been mixed) of **2 hours at 64 to 74 degrees** (F). When mixing smaller quantities for patching, the same "cooking" and "pot life" times apply.
4. During the 45 minute "cook time" stir the mixture every 10 minutes.
5. "Cook" and "pot life" times are the same for smaller quantities.
6. When used as a filler exceeding 3/8" depths, it is often helpful to add up to 50% volume of cleaned masonry sand to eliminate shrinkage at depths.

Application by SQUEEGEE

NOTE: A VIDEO DEMONSTRATION OF SQUEEGEE APPLICATION HANDLING TECHNIQUES IS LOCATED ON THE FRONT PAGE OF OUR SITE - WWW.ROLL-ON.COM. **DO NOT SQUEEGEE & BACKROLL THIS PRODUCT.** PLEASE VIEW THE VIDEO REGARDLESS OF YOUR OWN SKILLS WITH THIS TYPE OF TOOL.

RECOMMENDED SQUEEGEE COATS FOR UNCOATED SURFACES:

Concrete: 5 to 7 coats. Particle Board: 5 to 7 coats. Asphalt: 10+ coats.

1. Squeegee surface using our posted video directions.

2. Allow 4 hours drying time between each coat. (All drying times are estimated and are based upon a recommended building temperature of 68 to 72 degrees (F).)
3. After the third or fourth coat, allow 12 hours or more drying time.
4. **SAND AND CLEAN SUPER BASE™ SURFACE AS FOLLOWS:**
 - After third or fourth squeegee coat, sand surface using No. 60 grit sand paper under one or more large floor scrubbers.
 - After sanding, tack the surface by soaking a large terrycloth towel in a bucket of **CLEAR WATER**.
 - **(DO NOT USE MINERAL SPIRITS, DETERGENTS, OR SOLVENTS.)**
 - **TACKING THE FLOOR:** Wring out and wrap the towel around a 24" or 36" push broom. Push the towel across the width of the skating surface (not the length). Upon reaching the other side, turn the towel over so that the clean wet side is face down on the surface and push it back to the other side. Overlap a little for a cleaner surface.

REPEAT THIS PROCESS UNTIL THE FLOOR IS DUST - FREE.

5. Squeegee additional coats until the remaining product has been used. (**NOTE:** For asphalt, additional sanding and cleaning is required after coat No. 6 and coat No. 9.)
6. After final application of Super Base™, allow a minimum of 12 hours drying time before once again sanding and cleaning the surface with 60 grit paper.
7. Before applying skate floor finishes, obtain the current Data Publication.

Application by AIRLESS SPRAY

NOTE: Minimum of two spray coats required.

1. Pour mixture into a thoroughly cleaned airless sprayer container.
2. Using 15/1000 orifice, spray entire skating surface at a controlled rate of 200 square feet per gallon. **ESTIMATED TIME OF APPLICATION:** 2 hours per 10,000 square feet.
3. Once spray application begins, it must continue until the entire surface has been coated.
4. Allow the first coat to dry a minimum of 12 hours, keeping the room at a temperature of 68 to 74 degrees (F) with good building ventilation during this time.
5. Once cured, lightly sand and clean Super Base™ surfaces as follows:

- **SANDING:** Sand surface smooth, using 60 grit sand paper under one or more large floor polishers.
- **CLEANING:** After brooming and vacuuming, **TACK** the surface carefully by soaking a large terrycloth towel in rotating buckets of **CLEAN WATER**.
DO NOT USE MINERAL SPIRITS, DETERGENTS, SOLVENTS OR ADDITIVES OF ANY KIND.
- Wring out and wrap the towel around a 24" or 36" push broom. Push the towel across the width of the skating surface (not the length). Upon reaching the other side, turn the towel over so that the clean wet side is face down on the surface and push it back to the other side. Overlap a little for a cleaner surface. Rinse and wring out.

**REPEAT THIS PROCESS
UNTIL THE FLOOR IS COMPLETELY DUST-FREE.**

6. Apply a second spray coat of Super Base™ Epoxy.
7. Allow 18 hours drying time.
8. Sand and clean between each airless spray application as described above.
9. Before applying *Roll-On or Traction* skate floor systems, view the appropriate and current Preparation and Application Publications

Helpful Hints

- Clean equipment and hands immediately with warm water and mild detergent.
- When sanding between coats, change sand paper every 500-1,000 square feet.
- Always store sanded material in a sealed metal container or broadcast the dust (it is an inorganic material) across open ground. Never leave sanded material in vacuums or vacuum bags over night. Never bag the material and toss in a dumpster. Instances of spontaneous combustion are common when the sanding material is compacted in open air over time.
- When spraying, use available building markings to help control coverage (i.e. wall joints, beams or posts) or tag walls with tape to adjust the applicator's spread rate by line-of-sight.
- A controlled floor and ambient temperatures of 64 to 74 degrees (F) are essential during the application and curing of Super Base™ Epoxy.
- Spray rigs may be alternately flushed with detergent and warm water or xylol/xylene.