

DUR-A-TEX UM PRIMER

IMPORTANT! Read these instructions carefully several days prior to starting your work. Seek answers to any questions you may have before you begin. DUR-A-FLEX, Inc. maintains a Technical Staff that will be glad to answer your questions and give you advice pertaining to your particular installation. Consult with product SDS for safety and handling prior to beginning.

DUR-A-TEX UM PRIMER is a zero VOC, cementitious urethane coating designed for use as a primer under DUR-A-TEX UM urethane mortar utilizing DUR-A-TEX UM resin and hardener and a DUR-A-TEX UM PRIMER aggregate.

STORAGE CONDITIONS:

DUR-A-TEX UM hardener and DUR-A-TEX UM PRIMER aggregate powder must be stored dry at ambient temperature. When exposed to water or high moisture, the aggregate powder will clump and reduce its active content. Exposure of the hardener to water or high moisture will generate carbon dioxide leading to a build up in pressure and loss of its active content and gelling. Do not reseal containers contaminated with moisture. The shelf life is 6 months from ship date in the original unopened container.

SURFACE PREPARATION

Surface must be profiled, clean, sound, dry and free of all oil, grease, detergent film, sealers and/or curing compound. Please refer to the DUR-A-FLEX Surface Preparation Guide on our website for detailed instructions.

APPLICATION METHOD

DUR-A-TEX UM PRIMER is applied with a 1/8" notch or 12" window flat squeegee followed by a back roll using a 3/8" nap roller. DUR-A-TEX UM PRIMER system comes in pre-measured kits consisting of DUR-A-TEX UM resin, DUR-A-TEX UM hardener, and DUR-A-TEX UM PRIMER aggregate. When applying DUR-A-TEX UM PRIMER moisture levels should be no greater than 85% RH (Relative Humidity).

MIXING AREA

Select a convenient mix area and protect the surface from spillage by covering with a layer of cardboard over a sheet of plastic. Be generous with the amount of space allocated for this function. DO NOT MIX UNTIL READY FOR IMMEDIATE USE.

A. Equipment needed:

1. 2 Gallon Mix Container
2. 12" Paint Stick
3. 3.5" Jiffler Blade

4. High Speed Drill
 5. 3/8" Nap Roller (9" and 18")
 6. 12" Window Flat Squeegee
 7. 1/8" Notch Squeegee
 8. 3" Brush
 9. Duct Tape and Blue Tape
 10. Spiked Shoes
 11. Timer
 12. Personal Protection Equipment:
 - i. Long Sleeved Shirt
 - ii. Long Pants
 - iii. Work Boots
 - iv. Safety Hat (if needed)
 - v. Latex Gloves or similar
 - vi. Dust Mask (3M N95)
 - vii. Safety Goggles
- B. Pour resin into the 2 gallon mix container.
- C. Scrape the sides of the resin container with a paint stick making sure no amount of residue remains.
- D. Wipe excessive material from paint stick on rim of resin bucket – DO NOT wipe excessive material from stick on the rim of the mixing bucket
- E. Add hardener, same as steps C and D, scrape the sides of the hardener container with paint stick and wipe excessive material from the stick on rim of hardener bucket.
- F. Use a High Speed Drill with a 3.5-inch Jiffler blade.
- G. Thoroughly mix resin and hardener for 30 seconds.
- H. To avoid any possible clumping, add DUR-A-TEX UM PRIMER Aggregate while mixing the resin and hardener.
- I. Thoroughly mix resin, hardener and aggregate for 60 seconds.
- J. Make sure there are no clumps in the mixed material.
- K. Pour the entire mixed material onto the floor in 4-inch ribbons.
- L. Wet out rollers in puddle area prior to using.
 - i. Using a 1/8-inch notch squeegee pull east to west to spread the materials uniformly.
 - ii. Back roll north to south to level the material.
 - iii. Cross roll east to west to eliminate any roller lines overlapping 4-inches in between each cross roll.

SPREAD RATE

Each kit yields 0.80 gallon. The spread rate is approximately 90 Sq Ft per kit at 8 mils thickness.

LIMITATIONS

Exposure to heat will speed the cure of DUR-A-TEX UM PRIMER. Contact the Dur-A-Flex, Inc. Technical Department for any additional information.

- 1) Do not apply materials in temperatures greater than 85°F or below 60°F.
- 2) Do not apply when Relative Humidity is greater than 85%.
- 3) Do not apply materials below 8 mils thickness or greater than 40 mils thickness.
- 4) Do not use a flat squeegee over smooth surface.
- 5) Do not use dip and roll method to apply.
- 6) Do not use DUR-A-TEX UM PRIMER aggregate if the bag is broken or wet.

- 7) Do not apply within 5° of the Dew Point. Refer to Dew Point Calculation Chart in the “Master Price Guide”.

TOOL CLEANING GUIDELINES

1. Use a slow evaporating solvent like Xylene or Toluene.
2. Immediately clean equipment after use.

CAUTION

Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed.

KEEP OUT OF REACH OF CHILDREN.

Do not reseal moisture contaminated hardener. This will result in carbon dioxide generation or possible violent rupture of containers.

JOINT GUIDELINES

Refer to the Joint Guidelines for complete details on our website.

Important: Before using any DUR-A-FLEX, Inc. product, be sure the Safety Data Sheet is read and understood.