

DURABAK SURFACE PREPARATION

IMPORTANT — READ CAREFULLY!

DURABAK™ will bond well to all prepared, clean, thoroughly dry surfaces. On sound-painted surfaces, paint must be fully dried or cured to manufacturer's specifications. The solvents in DURABAK™ will not soften or attack properly dried or cured paint. For fully-cured two-part epoxy substrates, contact us before application

GENERAL DIRECTIONS

Always clean the surface of all oily or waxy contaminants by using recommended cleaning solvent — leave no residue.

DO

Use only xylene cleaning solvent as last step before applying DURABAK™ and to thin DURABAK™ if necessary.

Clean surface with strong aggressive detergent and rinse thoroughly.

Ensure surface is completely dry and/or catalyzed beforehand.

Test doubtful surfaces beforehand for adhesion with DURABAK™.

Stir DURABAK™/DURABAK 18™ thoroughly before application (preferably with an electric mixer) to keep rubber granules in suspension.

Keep DURABAK™'s rubber granules in suspension by stirring periodically.

DON'T

Clean surfaces with lacquer thinners or any solvent containing alcohol, which will prevent DURABAK™ from curing.

Assume surface is clean unless you have cleaned it yourself!

Shake can to mix. (Rubber granules will not mix evenly.)



CONCRETE

For best results with **NEW** concrete:

- ✓ Fully cure — for at least 28 days
- ✓ Give concrete a brush finish
- ✓ Hand trowel (power troweling may overwork the concrete)
- ✓ Thoroughly clean with a citric cleaner or equivalent, rinse and thoroughly dry.
- ✓ Wipe with xylene immediately before applying DURABAK™

For best results with **OLD** concrete:

- ✓ Shotblast, if possible, OR
- ✓ Thoroughly clean with muriatic acid wash
- ✓ Use 45% to 50% muriatic acid solution
- ✓ Agitate solution on surface with a hard-bristled deck brush for approximately 10 minutes, to open pores on surface.
- ✓ Rinse off with a 5% ammonia/water solution to neutralize acid. (Failing to neutralize acid could leave residue which might cause delamination.)
- ✓ Dry completely. If necessary, use a heat source.
- ✓ Brush off residue
- ✓ Wipe with Xylene immediately before applying DURABAK™ or DURABAK 18™

NOTE: For chemically soaked concrete or other unusually difficult surfaces, contact us.

Sealed concrete should be tested for DURABAK™ adhesion:

- ✓ Clean surface thoroughly
- ✓ Roughen surface
- ✓ Wipe with Xylene
- ✓ Apply DURABAK™
- ✓ If delamination occurs, sealer must be removed by mechanical means (i.e., shot blasting)

While it is not usually needed on concrete, a primer can provide enhanced adhesion. Contact us for specific information on surfaces to be primed.

CONCRETE PLUS PRIMER

DURABAK™ exhibits good adhesion to most acrylic and polyurethane primers newly applied and overcoated to manufacturers recommendations within time specifications. Check with manufacturer that primer will bond to one-part moisture-cured polyurethanes.

ALUMINUM

Abrade to obtain roughest surface possible. May or may not require additional primer. Recommend test. If needed, use of an etch primer. Contact us for further information.

METAL

All smooth metal should be thoroughly cleaned, aggressively roughened and primed with etch primer. DURABAK™ adheres well to sound-painted metal.

Rough metal surfaces such as pitted rust need not be primed; however, all loose scale should be removed. On applications of extreme wear, such as step nosings, a primer is recommended. When in doubt, it is recommended to pretest a small area with and without primer.

When priming metal surfaces, the primer must be fully dry before overcoating. Careful attention must be given to manufacturer's recommended window of minimum and maximum time for overcoating primer with polyurethanes. When using etch primers, a small test must be done to ensure adhesion of primer to DURABAK™ / DURABAK 18™

WOOD

If wood texture is rough, it may not require special preparation. For best results, abrade surface of wood before applying DURABAK™. Some pressure-treated woods may need priming. If in doubt, make a small test application first. DURABAK™ will bond to wolmanized treated wood without priming.

PAINT AND VARNISH

- ✓ Remove all peeling, cracking or chipping paint.
- ✓ Clean surface thoroughly.
- ✓ For best results, lightly abrade surface.
- ✓ Wipe with xylene immediately before DURABAK™ application.
- ✓ On epoxy coatings, soak with xylene for 10 minutes, wipe off, roughen and wipe once more with xylene.

RUBBER

Clean well using detergent or cleaning solvent, removing all surface release agents. Rinse well and allow to dry. Abrade surface aggressively, wipe off with xylene, and then apply DURABAK™.

NOTE: DURABAK™ will not bond to chlorinated rubber.

FIBERGLASS

Good adhesion can be obtained on unweathered gel-coated glass, rough fiber, side molded glass, and smooth-mold resin-side glass. Surface should be free of release agent, waxes and other production additives, then roughened well to remove all gloss, leaving a high profile surface. To ensure optimal bonding, use etch primer.

