



Bulletin Number: 1209

Solvent to Water and Back Again

Buckeye Arena 200, and 300 may be applied over any existing solvent based polyurethane provided the surface is properly prepared. The reverse is not true however. While Coliseum 275, 350, and 450 may be applied directly over Arena 200 and Arena 300; these solvent-based urethanes may not be applied directly over any water-based acrylic/urethane. These products do not have the level of chemical resistance necessary to withstand the soaking of a solvent-based coating. To go from a water-based acrylic/urethane to a solvent-based urethane, a “transition” coat of Arena 300 must be applied first.

Begin by cleaning and screening the water-based acrylic/urethane using **Screen Clean**, 120 grit sanding screens, and tacking with plain water. (Refer to the Reflections Procedure Manual for full instructions.) Apply one coat of Arena 300 with a lightweight T-bar. Ventilate well and allow the coat to dry “tack free”. Turn the air back on and keep it on to speed up the curing of the finish.

After 3 days of curing, the Arena 300 surface is now cured sufficiently that it can be recoated with a solvent based urethane. It must be roughened first with a dry SPP pad (200 square feet per side, 400 square feet per pad). Vacuum up the dust as well as possible and remove the last of the dust with an autoscrubber (red or blue pad, clear water) followed by tacking with a water-moistened towel under a push broom. Allow the floor to dry overnight.

The next day, make sure the air is turned off and apply the solvent-based urethane with a heavy weight T-bar as you normally would. If you should find a layer of dust on the floor, this should be removed with a tack towel moistened with mineral spirits. Do not overwet the tack towel.

ISSUED: 04/18/11
Supersedes: 9/21/09

Buckeye International, Inc.

2700 Wagner Place • Maryland Heights • MO 63043 • USA • 314.291.1900
www.buckeyeinternational.com