



Bulletin Number: 1609

Pre-Preparation Precautions Using Tape Adhesion and Stripper Tests

In some cases where gym floors have unknown prep procedures, unknown coatings or unknown maintenance, a couple of tests should be done to help avoid future problems with your sports floor.

First, a cross hatch adhesion test should be performed prior to any wood floor preparation work. This requires a razor and clear packing tape. Simply make a tic-tac-toe pattern with 6-7 vertical and horizontal lines no bigger than the size of your thumb. Rub clear packing tape into the pattern, wait a minute and then rip off the tape. If any squares from the pattern are removed, there is a risk of poor adhesion and peeling. Do this in numerous parts of gym. The contact at the facility should be presented with a peeling waiver.

Second, there is also another possibility that a standard acrylic floor finish may have been applied to the floor and a stripper test should be performed. This requires a drop or two of diluted Buckeye Penetrate floor stripper on to the floor, wait a few minutes, and observe if it turns milky white. If so, do not apply Reflections coatings. It is recommended that the floor be completely sanded before application of Reflections coatings. As a last resort strip the floor completely using Buckeye floor stripping procedures (refer to Research Fact Sheet #709, available on buckeyereflections.com). Then, you can screen the floor using Buckeye Reflections procedures (refer to Buckeye Reflections Procedure Manual, also available on buckeyereflections.com).

**It should be noted that RFS 709 is merely a suggestion and lists significant risks of damage to a wood floor. It should be read very carefully and understood prior to starting any stripping procedures. As the conditions or methods of procedure are beyond our control, Buckeye International does not assume any responsibility and expressly disclaims any liability for the use of this procedure. Information contained herein is believed to be pertinent in temporarily alleviating a problem, but all statements or suggestions are made without warranty, expressed or implied.*

There are a few options to deal with a poorly adhered coating after presenting the peeling waiver.

Option 1

Dry abrade the floor using swing machines and maroon Surface Prep Pads (SPP) instead of sanding screens following instructions found in the Buckeye Reflections Procedures Manual. Apply Gym Bond Water Based Bonding Agent with flat mop microfiber mops at 1800-2000 square feet per gallon and then apply two coats of Arena 300.

Option 2

Instead of dry abrading, you may opt to wet abrade the floor with SPPs using swing machines following instructions found in the Buckeye Reflections Procedure Manual. Apply Gym Bond Water Based Urethane Bonding Agent with flat mop microfiber mops at 1800-2000 square feet per gallon and then apply two coats of Arena 300.

Option 3

Instead of dry or wet abrading with swing machines, you may opt to use SPPs and autoscrubbers to deep clean the floor. Use Buckeye Blue at 3-4 ounces per gallon. Rinse the floor with fresh water in the autoscrubber and a clean SPP. Tack with Screen Clean. Apply Gym Bond Water Based Urethane Bonding Agent with flat mop microfiber mops at 1800-2000 square feet per gallon and then apply two coats of Arena 300.

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