



NewAge

New Age Wood Floor Systems OMU 45 Finish

Product Description

OMU 45 Finish provides an easy application and a durable high gloss look for wood sports floors. Primarily used as a screen and recoat finish, OMU 45 Finish offers unsurpassed protection.

Recommended Uses

Sports Floors – Approved for wood sports floors such as gymnasiums, aerobics floors, and racquetball courts.

Typical Properties

Color	Amber
Solids Content	45% +/- 2%
Chemical Resistance	Good
VOC	506 grams/liter
Flash Point	102° F
Drying Time	72 hours
Clean Up	New Age Waterless Cleaner
Luster	Gloss: 80+ Units @ 60 degrees on wood

Recommended Applicators

Weighted T-Bar (woven refill), lamb's wool applicator, EZ Way (K-200) or Wilen Wax-O-Matic with lamb's wool heads.

Coverage

400-500 square feet per gallon

Recommended Coats

Fully Sanded Sports Floors - 4 Coats (2 seal coats, followed by paint striping and 2 topcoats)

Screen & Recoat - 1 or 2 Coats

Packaging

5 US gallon metal pail	23043
4-1 US gallon metal containers	23042

Applying to Newly Installed or Sanded Floors:

Surface Preparation

Note - Always maintain adequate ventilation during all phases of the coating process.

1. For new installations, refer to MFMA specifications for acclimation of the wood. Sand and prepare floor using accepted MFMA procedures. For existing floors, again refer to MFMA accepted procedures for sanding. All old finish should be removed. A dust mask should be worn during sanding.
2. Finish sanding with a new #120-grit screen.
3. Vacuum. Tack the floor with 3-4 clean terry cloth tack towels using New Age Waterless Cleaner to remove all dust caused by the sanding and screening process. Tacking should continue until no dust residue is on the towels. Allow the floor to dry 30-60 minutes with good ventilation.

Sealer Application

1. Using a weighted T-Bar (woven refill), lamb's wool applicator, EZ Way (K-200) or Wilen Wax-O-Matic with lamb's wool heads, apply 1st coat of sanding sealer going with the grain. Coverage of the first coat should be 300-400 sq/ft per gallon.
2. Allow to dry 24 hours with good drying conditions. Use a carpet blower to allow corners and dead air spots to dry the floor more thoroughly.
3. Screen 1st coat sanding sealer using a used #100-grit screen or new #120-grit screen. Tack with New Age Waterless Cleaner. Allow the floor to dry 30-60 minutes with good ventilation.
4. Apply 2nd coat of sealer at a rate of 400-450 sq/ft per gallon in the same manner. Allow to dry 24 hours with good drying conditions. Again, the use of air movers considerably speeds the drying process.
5. Screen 2nd coat of sealer using a used #120-grit screen. Make sure there are no shiny spots on any joints of the boards. Floor should now have a very smooth feel.
6. Vacuum. Tack the floor with 3-4 clean terry cloth tack towels using New Age Waterless Cleaner to remove all dust caused by the final screening of the sealer. Tacking should continue until no dust residue remains on the towels. Allow the floor to dry 30-60 minutes with good ventilation.

Line Marking

We continue to recommend that you check every individual color of every paint brand you intend to use for suitability even if you have used this exact paint in the past. As paints are reformulated, changes may be made that directly affect color, cure time, and adhesion with subsequent topcoats.

1. Lay all of your tape for painting at one time. Use only 3M 2070 or 2090 **OR** Scotch Brand Long Mask Masking Tape. This tape has a special moderate strength adhesive that will not lift the finish off of the floor. ***Tapes with high strength adhesives can pull the finish off of the floor long after full curing.*** 3M 2090 Long Mask tape is blue in color and easy to see on wood. Natural color masking tape blends in very well with maple and is easily overlooked at removal time.
2. Paint all one color at a time and allow each color to dry before moving on to the next. As stated earlier we recommend all paint be tested prior to use.
3. Pull tape immediately after painting is complete. There are two advantages to doing this:
 - a) The tape lifts off much easier because the paint is not dry and will not bond the edge of the tape to the floor.
 - b) It makes a smoother looking transition when the topcoat is applied and there will be no abrupt square edge to the paint for the topcoat to cover and hide.
4. Wait overnight after the last paint color is applied and then prepare the paint by abrading with a maroon pad. This creates a surface to which the topcoat can bond.
5. When abrading with the maroon pad, be sure to remove all gloss. Vacuum up all dust possible and then using towels lightly dampened with New Age Waterless Cleaner, **TACK THE FLOOR UNTIL ALL PAINT DUST HAS BEEN REMOVED.** Allow the floor to dry 30-60 minutes with good ventilation.

Finish Application

Note - Do not apply any of the SSS finishes over any surface that has been previously maintained with wax or oil.

1. Using a weighted T-Bar (woven refill), lamb's wool applicator, or Wilen Wax-O-Matic with lamb's wool heads, apply the 1st coat of finish at a spread rate of 400-500 sq/ft per gallon. Apply in the direction of the grain. Do not puddle the finish. Allow to dry 24 hours with good drying conditions.
2. Tack with a towel lightly dampened with New Age Waterless Cleaner to remove airborne dust that may have settled.
3. Apply a 2nd coat of finish.

Recoating Over Existing Finishes

An adhesion test patch is strongly recommended to determine coating compatibility over a previous water-based, or unknown finish.

1. Remove masking tape, gum, and other sticky debris with a putty knife. Clean the floor of dirt, dust mop treatments, etc. using diluted Maintenance Cleaner (1 part cleaner, 4 parts water) with either a mop and bucket or push broom with tack towel. Clean all the corners. Allow the floor to dry completely. Use carpet blowers to speed the process considerably.
2. Using a single disc rotary machine, screen the floor with #100-grit screens (250 sq/ft per side) until gloss is removed.
3. Vacuum. Tack the floor with 3-4 clean terry cloth tack towels using New Age Waterless Cleaner to remove all dust caused by the screening process. Tacking should continue until no dust residue is on the towels. Allow the floor to dry 30-60 minutes with good ventilation.
4. Using a weighted T-Bar (woven refill), lamb's wool applicator, or Wilen Wax-O-Matic with lamb's wool heads, apply finish going with the grain, and do not puddle finish. Allow floor to dry 12-24 hours with good drying conditions, before recoating.
5. Add this text:
If a second coat of NewAge OMU 45 is desired, tack the floor with a towel lightly moistened in the recommended dilution of Maintenance Cleaner (1-part cleaner, 4-parts water) to remove overnight airborne dust. Allow the floor to dry completely. Use air blowers to speed the drying process.
6. Apply a second coat of OMU 45 finish if desired.

Dry Time

(75° F @ 50% RH) Dry to the touch: 8-12 hrs. Ready to Screen: 12-24 hrs. Dry times will vary under adverse weather, atmospheric, and job conditions. Adequate ventilation is imperative during the curing process. Do not apply when temperature is above 95° F or below 65° F, or when humidity is above 80%. Allow 48 hours cure before light traffic and 5-7 days before athletic activities.

Clean Up

Clean up with mineral spirits or New Age Waterless Cleaner. **Please Note:** To avoid spontaneous combustion, soak oil rags and waste daily in water filled metal containers.

Sports Floor Maintenance

General: Street shoes can be very hard on a floor, leaving behind black heel marks, dirt, salt, and rocks. Protect your floor by using walk-off mats at doorways. Clean walk off mats daily and more frequently during severe weather. Avoid scratching the floor when setting up volleyball stanchions and exercise equipment.

Routine Cleaning

SSS Maintenance Cleaner removes dust, dirt, oils, cosmetics, hair and dust mop treatments. This process can be used on a daily basis, or more frequently if needed. Use one part Maintenance Cleaner to four parts water. Soak several large bath towels in the solution. Wring them out until damp. Wrap a damp towel around the head of a push broom and push across the floor going with the grain. Clean the entire floor, changing to a clean damp towel when needed. Never rinse dirty towels in the clean solution. Dirty towels may be laundered and reused.

General Trouble Shooting

Slow dry times can be caused by:

- Low curing temperatures
- High humidity

- Lack of ventilation and air movement after application

Streaks in the finish can be caused by:

- Finish applied too thin
- Dirt particles stuck to the applicator

Fisheyes are usually caused by:

- Contamination or foreign material on the surface
- Oil, grease or silicone stuck to the floor
- The application of furniture polish

Wrinkling can be caused by:

- Recoating too soon
- Too heavy of an application
- Puddling of the finish

Bubbling is sometimes caused by:

- Overworking the product
- Shaking the finish before application
- High temperatures during application
- Too much air movement

Peeling is usually caused by:

- Improper floor preparation
- Lack of screening
- Cleaning residue left on the floor
- Incompatibility with certain paint

Screen Marks can be caused by:

- Abrading the floor too aggressively

Specifications are subject to change without prior notice.

OBLIGATION OF MANUFACTURER/SELLER

The following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or incidental or consequential, arising out of the inability to use the product. Before using, the user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be altered except by an agreement signed by officers of seller and manufacturer.