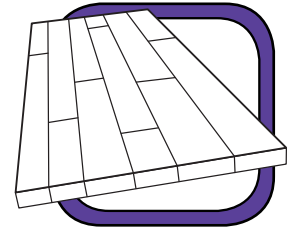




OMU POLY 450/50

SPORT FLOOR FINISH



Technical Data Sheet

Environment, Health & Safety

- Passes ASTM D2047-04 for Slip Resistance (MFMA test procedure)
- Lower aromatic solvents than most competitors

What the Pros Know

Preventative Maintenance will extend the life of your floor finish. Simple steps such as placing walk-off mats in door ways to keep out dirt and grit and avoiding excess moisture from tracked in water or leaks will prolong the life of your floor.

Having a planned daily maintenance schedule of dry mopping or damp mopping over spills can help reduce overall labor costs.

Periodic maintenance steps will be needed to keep the look and feel of the finish up to your standards. With this step, an autoscrubber or 175 rpm buffer with a white pad is used with the NewAge Replay Maintenance Cleaner to give a more thorough, deep cleansing. This will minimize the chance of contamination from damaging the floor and reducing overall labor costs.

OMU Poly 450/50 exceeds the minimum slip resistance requirements for floor finishes when tested in accordance with ASTM D2047-04 (MFMA test procedure)

Description

NewAge OMU Poly 450/50 is a premium quality, oil-modified polyurethane developed specifically for the wood sport floor market. OMU Poly 450/50 provides an extremely tough, high build gloss finish with excellent chemical resistance, protecting against perspiration and routine cleaning.

Recommended Use

- Basketball courts
- Volleyball courts
- Racquetball
- Badminton courts
- Multi-purpose gym and stage
- Aerobic floors

Features

- High solids, oil-modified polyurethane
- Provides a tough protective coat
- Provides excellent chemical resistance
- Protects against perspiration and routine cleaning
- Light amber color enhances natural color of wood
- Easy to maintain
- Self-leveling
- Available in gloss
- Will adhere to most solvent-based and waterborne finishes after proper preparation, drying, and curing times

High Solids

• Provides a tough protective coat

• Excellent chemical resistance

• Self-leveling

• Easy to maintain

• MFMA Listed



DIRECTIONS FOR USE:

BEFORE USING, READ ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEETS FOR THIS PRODUCT.

Use directly from the can, do not thin. Non-photochemically reactive (not an ozone precursor).

NewAge OMU Poly 450/50 Sport Floor Finish is a premium quality, oil-modified polyurethane developed specifically for the wood sport floor market. For new installation of sport floors, use only in structures with humidity and temperature controls. DO NOT USE over channel and clip floor systems in environments not controlled for temperature and humidity.

ABRADE AND RECOAT EXISTING FLOORS:

1. Be sure floor is free from wax or oily residue.
2. Clean floor thoroughly with NewAge Replay Maintenance Cleaner and use NewAge Recoat Conditioner and Prep Cleaner system (see label for directions).
3. When recoating over other manufacturers' finishes, check with manufacturer for abrading recommendations.
4. Vacuum thoroughly.
5. Tack with untreated dust mop or slightly water-dampened towel.
6. Apply 1-2 coats of a NewAge finish (see finish directions).

Note: OMU Poly 450/50 will adhere to most finishes after proper preparation and dry times. ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY.

SANDING AND FINISHING NEW FLOORS:

1. Sand and prepare floor using MFMA-accepted methods.
2. Make your final cut with 100-120-grit paper. Screen with 100-120-grit screen. 3. Vacuum thoroughly.
4. Tack with mineral spirits.
5. Apply sealer and paint using MFMA-accepted methods then apply finish system (see finish directions).

INTERCOAT ABRASION FOR FLOORS WITH GAME LINES: Apply game lines over either the sealer coat or the first coat of finish. Before applying game lines, abrade with a Floor Prep Pad (FPP) or 120-grit screen and vacuum and tack thoroughly. ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY AND ADHESION. After applying game lines, abrade dry game lines with a FPP or 120-grit screen. If coating or applying game lines more than 24 hours after abrading, floor must be re-abraded to ensure adhesion of finish. Always vacuum and tack thoroughly after abrading. Apply finish coat.

INTERCOAT ABRASION FOR FLOORS WITHOUT GAME LINES: Abrade between all sealer and finish coats of OMU Poly 450/50 to ensure adhesion. Always vacuum and tack thoroughly after abrading.

FINISH INSTRUCTIONS: REMOVE LID AND STIR WELL WITH A PROPER STIRRING DEVICE BEFORE USING.

1. Apply 1 coat of sealer according to label directions, followed by 2 coats of OMU Poly 450/50.
2. Apply OMU Poly 450/50 with a clean NewAge Heavyweight (HW) Applicator. Go with the grain of the wood applying a thin, uniform coat.
3. Ensure coverage rate of 500 sq. ft. per gallon is maintained; heavier applications will increase dry times.
4. Feather out all applicator marks, turn marks, puddles, etc.
5. Allow your first coat to dry thoroughly, 8-12 hours under ideal conditions (65-80° F and 40-60% relative humidity). High humidity and/or low temperature conditions will extend the dry time, while increased ventilation and airflow will reduce dry time.
6. For proper adhesion, abrade with a FPP between coats of finish.
7. Always vacuum and tack with water thoroughly after abrading. Allow final coat to dry a minimum of 72 hours before use.

NOTE: OMU Poly 450/50 is not recommended over shellac, lacquer sanding sealers, fillers or stains containing stearates. Oil-modified finishes will have a slight ambering effect over light-colored surfaces.

STORAGE: Product should always be stored in a climate controlled environment. Do not store above 100° F.

DRY TIME/CURING: With conditions of 65 to 80° F and 40 to 60% humidity this finish will dry in 8-12 hours. The curing process takes approximately 14 days. The floor may be walked on after 24 hours, but the floor is susceptible to scuffing or marring prior to completion of the curing time. Do not replace athletic or walk-off mats until finish is fully cured. Do not clean with water or detergent during the curing process.

MAINTENANCE: Place walk-off mats at all entrance doorways to keep out excessive dirt and grit. See NewAge Replay Maintenance Cleaner instructions for cleaning and maintenance information.

CLEAN-UP: Clean application tools and equipment with mineral spirits.

STORAGE: Product should always be stored in a climate controlled environment. Do not store above 100° F.

SPECIFICATIONS/PHYSICAL DATA:

Physical Characteristics:

Ingredients - Oil-modified polyurethane resin (Proprietary), mineral spirits (64742-47-8), driers (Proprietary).

Color - Light amber

pH - N/A

Solids - 50%

Viscosity - (#4 Ford cup @ 25° C) approx. 21-24 seconds

Density - 7.5 lbs./gallon (.90 S.G.)

Packaging - 5-gallon pail - 32011

Gloss Level - (60°) 90+

Odor - Mineral spirits

Flash Point - 110° F (PMCC)

Stability - One year shelf life in unopened container

VOC - Does not exceed 450 grams per liter (3.8 pounds per gallon)

Application Characteristics:

Clarity - Clear when dry

Leveling - Good

Defoaming - Excellent

Drying Time - 8-12 hours

Application Tools - NewAge Heavyweight (HW) Applicator, brush, lambswool applicator

Coverage - 500 sq. ft. per gallon

Percent Cured After 24 Hours - 50%

Maximum Cure - 2 weeks