450 Gym Finish®

A durable, high-solids, urethane wood gym finish that has been specially formulated to meet the strict VOC (Volatile Organic Compounds) requirements established in many parts of the country. The VOC value for 450 Gym Finish is less than 450 grams per liter, making it an excellent choice for compliance with the National AIM VOC Rule.

- VOC value of less than 450 grams per liter.
- No mixing necessary.
- Classified by UL as to slip resistance, 186S.



Technical Specifications

Appearance	Clear
Dilution Rate	RTU
Color	Amber
Scent	Solvent
Non Volatile Matter	50.0 - 51.0%
MFMA	MFMA Approved

Safety

See material safety data sheet and product for safety information, handling and proper use.

HMIS (Concentrate/RTU)

Flammability = 3 Health = 3* Reactivity = 0

Availability

HIL0028407 1 - 5 Gallon Pail

Certifications, Registrations & Notes

UL Approved

Classified by Underwriters Laboratories, Inc. as to slip resistance. (186S).

Directions

SCRUB AND RE-COAT OLD FLOORS: Scrub with 2 oz./gal. solution of HILLYARD SUPER SHINE-ALL or HILYARD PRE-GAME solution, using 120 grit screen discs (250 sq. ft./side of disc) under a single brush floor machine. Pick up the solution with a wet vacuum and damp mop rinse until clean with clean water. Work small areas; do not flood the floor. Allow the floor to dry overnight. Tack the floor with terry cloth towels dampened with HILLYARD TACK-IT or PRE-GAME solution. Allow the floor to dry one hour and tack floor a final time using HILLYARD CLEANING CLOTH CHI415 to remove fine dust particles before applying finish.

SCREEN AND RE-COAT OLD FLOORS: Clean floor with SUPER SHINE-ALL or PRE-GAME solution; make sure floor is free of soil, polishes, waxes, or oily residues. Abrade the floor using 120 grit screen discs (250 sq. ft./side of disc). Thoroughly vacuum and tack with TACK-IT or PRE-GAME solution. Tack floor a final time using CLEANING CLOTH CHI415 to remove fine dust particles before applying finish. Use dust containment precautions and dust masks when dry abrading floor.

PREPARATION - NEW OR FRESHLY SANDED WOOD: After the floor has been sealed and game lines painted, abrade the floor with maroon pads (250 sq. ft./side of pad). Tack the floor with TACK-IT or PRE-GAME solution. Allow floor to dry one hour.

APPLICATION: Before applying 450 GYM FINISH, tack the floor a final time with CLEANING CLOTH CHI415. Apply finish at a coverage rate of 500-600 sq. ft./gal. with an approved applicator such as the HILLYARD MULTI-FLO- POWER-FLO, weighted T-Bar, or a lambswool applicator. Avoid leaving puddles of finish on floor. If a second coat is to be applied,allow the finish to dry 48 hours, abrade entire floor with screen discs (150-100 grit, depending on how long the finish has dried), and tack floor with TACK-IT or PRE-GAME solution. (If time requirements do not allow for 48 hour curing, consider using HILLYARD FAST DRY 450 GYM FINISH for multiple coats, or GOLD MEDALIST FINISH as the first coat of finish underneath 450). Apply the final coat. Turn on exhaust/ventilation system 4 hours after each application to promote curing. Do not use floor for 72 hours; wait one week before scheduled activities.

PAINT: Prior to re- coating, use HILLYARD approved paint following label directions to touch up game lines. Worn areas should be patched with finish prior to re- coating the entire floor.

MAINTENANCE: Dust mop daily with Hillyard Super Hil-Tone, Hil-Mist, or Hil-Treat. Clean badly soiled floors with Super Shine-All.

NOTE: Best results are obtained with adequate ventilation and floor temperatures above 60°F (16°C) and below 95°F (35°C). Avoid direct drafts on floor while finishing. If seal, paints, or finish dry longer than 24 hours after abrasion during the coating process, re-abrade entire floor to ensure proper adhesion of coatings. Do not store partially full containers of material for long periods of time. Do not pour unused material back into container. Empty containers may retain hazardous residue and explosive vapors. Keep away from heat, sparks, and flames. Do not cut, puncture, or weld on or near this container. Follow label warnings until container is thoroughly cleaned or destroyed.

NOTE: For wood substates only.

NOTICE: Saw dust from freshly sanded floors or dust from wood floors that have been abraded between coats will spontaneously catch fire if improperly discarded. Immediately after abrading or sanding wood floors, place dust waste in a sealed, water- filled metal container and immediately remove from building.
NOTICE: Rags or applicators soaked in a combustible liquid will spontaneously catch fire if improperly discarded. Immediately after using rags or applicators soaked in a combustible liquid, place waste in a sealed, water-filled metal container and immediately remove from building.