

1907® Gym Finish

An oil-modified urethane in a waterborne formulation that provides the durability and depth of gloss of a traditional oil-based finish with the clarity of a water-based finish. In addition, this chemistry has a very low VOC level (under 190 grams per liter) and very low odor, both making it easy to apply with minimal impact on workers and building occupants.

- Very low VOC level (under 190 grams per liter).
- Low odor.
- Recoat in 4-6 hours without abrasion between.

Technical Specifications

Appearance	Opaque liquid
Dilution Rate	RTU
Color	Off-White
Scent	Non-objectionable
Non Volatile Matter	29.00 - 30.00%
pH @ 25 deg. C	7.50 - 8.50
MFMA	MFMA Approved
Biobase Percentage	44.00%

HMIS (Concentrate/RTU)

Flammability = 0 Health = 2* Reactivity = 0

Certifications, Registrations & Notes

USDA Certified

The USDA Certified Biobased Product Label verifies that the products' amount of renewable biobased ingredients meets or exceeds levels set by USDA.

UL Approved

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

Directions

PREPARATION: NEW OR FRESHLY SANDED WOOD: Proper floor preparation and adherence to label directions are critical for successful results. After the floor has been properly sanded and screened, sweep and vacuum the floor until the surface and seams are free of sanding dust and debris. Tack the floor with terry cloth towels dampened with HILLYARD KLEEN-UP SOLVENT and allow floor to dry at least 1 hour. **FLOOR MUST BE CLEAN AND DRY.** 1907 FINISH is not intended to be used as a seal on newly sanded or newly installed floors. Use HILLYARD BASECOAT when a water based seal is required.

APPLICATION OF BASECOAT SEALER: Before applying BASECOAT, tack the floor a final time with a cleaning cloth similar to HILLYARD Item CHI415 to remove fine dust. Apply the 1st coat of BASECOAT at a coverage rate of 400-550 sq. ft. per gallon with an approved applicator (SEE BELOW). Avoid leaving puddles of BASECOAT on the floor. Allow 2-4 hours between coats of seal. Abrasion is not necessary between the 1st and 2nd coats of seal, if allowed to dry less than



Safety

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

Availability

HIL0028006 4 - 1 Gallon Containers
HIL0028072 1 - 5 Gallon Pail

8-10 hours, but for best results and to ensure a smooth surface with minimal grain raise, abrade 1st coat of seal with HILLYARD Maroon Pads or SPP (Surface Preparation Pads) at a rate of 250-500 sq. per side. After 2nd coat of seal has dried a minimum of 4 hours, abrade entire floor with maroon pads (250 sq. ft. per side). Tack the floor with towels dampened with HILLYARD TACK-IT. Allow floor to dry 1 hour. Tape and apply game lines using HILLYARD approved paint. (Be sure to check local VOC laws when selecting HILLYARD approved paint options.) Allow paint to dry 24 hours. Once the paint has dried, abrade the entire floor using SPP at 250-500 (sq. ft. per side) or HILLYARD Maroon Buffing Pads (250 sq. ft. per side). The paint and entire floor must be abraded using maroon pads (250 sq. ft. per side) to ensure proper adhesion between the finish and paint. Once the paint and floor is abraded, tack the entire floor with TACK-IT or PRE-GAME to remove all dust and debris. Apply 1907 FINISH with approved applicator at 500-550 sq. ft. per gallon. Two to three finish coats are recommended on newly sanded floors over new paint.

SCRUB AND RE-COAT: PRE-GAME and SPP Procedure: The floor may be scrubbed and coated the same day. Scrub with PRE-GAME diluted 1:4 with clean water using 3M SURFACE PREPARATION (SPP) (250-500 ft. per side of pad) under a single brush floor machine. Pick up solution with a wet vacuum and damp mop rinse with clean water. Work small areas. **DO NOT FLOOD THE FLOOR.** Tack the floor with terry cloth towels dampened with TACK-IT or PRE-GAME. Allow floor to dry at least 1 hour. Tack floor a final time using CLEANING CLOTH CHI415 to remove fine dust particles before applying finish. (HILLYARD SUPER SHINE-ALL, diluted 2 oz. per gallon of water, and using 120 grit screen disks may also be used for preparing the floor for recoating in place of the PRE-GAME process).

DRY SCREEN FLOOR PREPARATION ON NEWER FLOORS: Pre-clean the floor using PRE-GAME or TACK-IT to remove surface soils. **DO NOT FLOOD THE FLOOR.** Allow the floor to dry 1 hour. Dry screen using SPP (250-500 sq. ft. per side of pad). Use dust containment precautions and dust masks when dry abrading floor. Be sure to sweep, vacuum and tack rag the floor until it is completely dust free after screening. Tack the floor with terry cloth towels dampened with TACK-IT or PRE-GAME. Allow floor to dry at least 30 minutes. Tack floor a final time using CLEANING CLOTH CHI415 to remove fine dust particles before applying finish.

APPLICATION: Turn off air handlers to prevent debris from depositing in the fresh film. Apply BASECOAT primer to the floor as a bridge coat / primer before applying 1907 FINISH. Apply BASECOAT primer at a coverage rate of 500-550 sq. ft. per gallon using approved applicator (SEE BELOW). Allow BASECOAT to dry 4-6 hours before applying 1907 FINISH coats. Avoid leaving puddles of finish on the floor. Allow 4-6 hours between coats. No inter-coat abrasion is necessary if recoated in less than 10 hours. If the finish dries more than 12 hours, abrade the floor using maroon pads before applying 1907 to prevent peeling.

CURE TIME: Turn on the exhaust system 1-2 hours after each application of 1907 GYM FINISH. Once the desired appearance is achieved, the floor may be open to light traffic in 3 days. Allow 7 days before the floor is open for normal activities under normal drying conditions.

APPROVED APPLICATORS: HILLYARD MULTI-FLO and Lightweight T-Bar with Synthetic Pad.

IMPORTANT: Prior to recoating, if game lines need to be touched up, use HILLYARD approved paint following label directions. Worn areas should be patched with 1907 GYM FINISH prior to recoating the entire floor. Best results are obtained with adequate ventilation and floor temperature above 60°F (16°C). Temperature and humidity affect curing properties; low humidity may cause the coating to dry too quickly. Floor temperature should be between 60° and 95°F. During the drying process, avoid direct drafts on floor. Do not use cleaners on 1907 until coating has cured 1 week. Keep container closed when not in use. Do not pour unused finish back into container.

NOTE: For wood substrates 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.