

Star™

HILLYARD

First In Gym Finishes®

Star wood seal is a water based wood seal that is very light in color and dries in 2 to 4 hours under normal drying conditions. Applies easily and powders very nicely when abraded with screens or maroon pads. Compatible with solvent based paints and finishes.

Features & Benefits

- Fast drying.
- Low odor.
- Very light in color.

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.

APPLICATION AS A SEALER: Before applying STAR, tack the floor a final time with a cleaning cloth similar to Hillyard Item CHI415 to remove fine dust. Apply the 1st coat of STAR at a coverage rate of 400-550 sq. ft. per gallon with an approved applicator (SEE BELOW). Avoid leaving puddles of STAR on the floor. Allow 2-4 hours between coats of seal. Abrasion is not necessary between the 1st and 2nd coats of seal if coated within 8-10 hours, but for best results and to ensure a smooth surface with minimal grain raise, abrade 1st coat of seal with 3M Surface Preparation Pads (SPP) (500 sq. ft. per side) to remove grain raise. Allow 2nd coat of seal to dry a minimum of 4 hours. Before applying game lines or finish coats, abrade entire floor with maroon pads (250 sq. ft. per side). Tack the floor with towels dampened with Hillyard Tack-It® or Pre-Game® solution. 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 Hillyard Maroon Buffing Pads. The paint 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 are abraded, tack the entire floor with Tack-It or Pre-Game solution to remove all dust and debris. Apply Hillyard Gym 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 SPP (500 sq. 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 120-grit screen discs (250 sq. ft. per side of disc). 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 Pre-Game or Tack-It. 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 AS A BRIDGE/PRIMER COAT UNDER HILLYARD SOLVENT BASED URETHANES: Provided the existing finish is in good condition and well bonded, Star seal may be used as a primer and/or bridge coat under Hillyard oil based urethane finishes. Prepare the floor using one of the approved methods described above. Once the floor is properly prepared, apply 1 coat of Star Seal using an approved Hillyard applicator at a coverage rate of 500-550 sq. ft. per gallon. Allow the Star seal to dry 2-4 hours and abrade entire floor using Hillyard Maroon Buffing Pads (250 sq. ft. per side of pad). Tack the floor with terry cloth towels dampened with Hillyard Tack-It or Pre-Game. Allow floor to dry 1 hour. Tack floor a final time using Cleaning Cloth CHI415 to remove fine dust particles before applying finish. Apply Hillyard oil based urethane (Gold Medalist®, 450 Gym Finish®, 350 Gym Finish™) following label directions. Allow floor to dry for 72 hours for light traffic; wait 1 week before scheduled activities when top coating with solvent based finishes.

APPLICATION AS A BRIDGE/PRIMER COAT UNDER HILLYARD WATER BASED FINISHES: Provided the existing finish is in good condition and well bonded, Star seal may be used as a primer and/or bridge coat under Hillyard water based finishes. Prepare the floor using one of the approved methods described above. Once the floor is properly prepared, apply 1 coat of Star seal using an approved Hillyard applicator at a coverage rate of 500-550 sq. ft. per gallon. Allow the Star seal to dry 2-4 hours and apply Point Guard®, Contender®, or Tip Off® finish following label instructions. If floor is not recoated within 12 hours, abrade entire floor using Hillyard Maroon Buffing Pads (250 sq. ft. per side of pad). Tack the floor with terry cloth towels dampened with Hillyard Tack-It or Pre-Game. Allow floor to dry 1 hour. Tack floor a final time using Cleaning Cloth CHI415 to remove fine dust particles before applying finish. Allow floor to dry for 72 hours for light traffic; wait 1 week before scheduled activities for best results.



Safety

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

HMIS

Concentrate

Health	2
Flammability	0
Reactivity	0

Technical Specifications

Color	White
Scent	Non-Objectionable
Appearance	Milky White Liquid
pH (concentrate)	7.00 - 8.00
Non-Volatile Matter	29.00%
Dilution Rate	RTU

Availability

Item	Pack
HIL0028107	1 - 5 Gallon Bag-In-Box

HILLYARD

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