

# Star® Seal

From the company that is First in Gym Finishes, Star is the first Green Seal Certified sports floor seal. Star 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.

- Fast Drying
- Low odor
- Very light in color

## Technical Specifications

Appearance	Opaque liquid
Dilution Rate	RTU
Color	Off-White
Scent	Mild Solvent
Non Volatile Matter	29.00%
pH @ 25 deg. C	7.00 - 8.00

## HMIS (Concentrate/RTU)

Flammability = 0      Health = 2      Reactivity = 0

## Certifications, Registrations & Notes

Green Seal™ Certified

This product meets Green Seal™ Standard GS-11 based on effective performance, minimized/recycled packaging, and protective limits on VOCs and human toxicity. GreenSeal.org.

MAS Certified

MAS Certified Green is a registered trademark to delineate low VOC emitting products in the marketplace so that purchasers and specifiers of those products know that they can earn credits in sustainability programs like LEED and California CHP program.



## Safety

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

## Availability

HIL0028106      4 - 1 Gallon Containers  
HIL0028107      1 - 5 Gallon Pail

## Directions

### 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 CHI214 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) (250 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 Hillyard 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 Pads. The paint must be abraded using Hillyard 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 (250 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 solution. Allow floor to dry at least 1 hour. Tack floor a final time using Cleaning Cloth CHI214 remove fine dust particles before applying finish. Hillyard Super Shine-All®, diluted 2 oz. per gallon of water, and SPP may also be used for preparing the floor for recoating in place of the Pre-Game process.

**DRY ABRABE 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 abrade using SPP (250 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 abrasion. Tack the floor with terry cloth towels dampened with Pre-Game solution or Tack-It. Allow floor to dry at least 30 minutes. Tack floor a final time using Cleaning Cloth CHI214 remove fine dust particles before applying finish.

**APPLICATION AS A BRIDGE/PRIMER COAT UNDER HILLYARD WATER BASED FINISHES:** Provided the existing finish is in good condition and well bonded, Star 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 using an approved Hillyard applicator at a coverage rate of 500-550 sq. ft. per gallon. Allow the Star to dry 2-4 hours and apply Icon, Point Guard®, Contender®, or Tip Off® finish following label instructions. If floor is not recoated within 12 hours, abrade entire floor using Hillyard Maroon Pads (250 sq. ft. per side of pad). Tack the floor with terry cloth towels dampened with Hillyard Tack-It or Pre-Game solution. Allow floor to dry 1 hour. Tack floor a final time using Cleaning Cloth CHI214 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.

\*Ensure adequate ventilation during application and drying.

Please contact your Account Manager to determine the appropriate amount of product for the job.

Please consult with local authorities for proper disposal or recycling opportunities for leftover product and packaging.