



Item Number	HIL0027572
Unit of Measure	5 gal Pail

## Specifications

Color	White
Appearance	Milky White
Fragrance	Non-Objectionable
Formula Type	Liquid
Dilution Ratio	RTU
PH	7.60 - 8.10
Non-Volatile Matter	28.50 - 29.50%
Solids Content	29.0%
Coverage SqFt/Gallon	500 - 600
Dry Time (hrs.)	4 - 6
Sheen	Gloss
MFMA Approved	Yes

Simplify gym floor maintenance without sacrificing performance. Diamond 1K™ Gym Finish is a fast-drying, low VOC, one-component water-based gym floor finish. Diamond 1K is easy to apply using a lightweight T-Bar or the Multi-Flo XP. Apply a second coat after four to six hours. The floor will be ready for light traffic in 24 hours and gameplay after 72 hours. Diamond 1K's exceptional clarity lets the natural color of wood floors shine through without yellowing. High gloss and exceptional black heel/scratch resistance are hallmarks of this fast-curing and low-VOC premium floor finish.

## Features & Benefits

Easy-to-use one-component (1K) floor finish eliminates pre-mixing the floor finish with a crosslinker.

Fast-drying, re-coat after 4-6 hours, ready for light traffic in 24 hours, gameplay after 72 hours.

Compared to other 1K floor finishes, Diamond 1K provides excellent black-heel marks and scratch resistance.

Diamond 1K is a clear finish that does not yellow the natural color of the wood floor.

Diamond 1K is a water-based finish with low VOCs.

## Item Number & Unit of Measure

## Safety

See safety datasheet (if applicable) and product label for safety information, handling and proper use.

## Directions for Use

Preparation: New or freshly sanded wood: Diamond 1K is not intended to be used as a seal on raw wood. On newly installed or freshly sanded wood floors, 3 coats of seal and 2 coats of Diamond 1K are recommended. Use Court Guard® when a water-based seal is required. 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 Kleen-up Solvent® and allow floor to dry at least 1 hour. FLOOR MUST BE CLEAN AND DRY. Dry 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 3M Surface Preparation Pads (SPP) (250-500 ft<sup>2</sup> per side). Use dust containment precautions and dust masks when dry abrading the floor. Be sure to sweep, vacuum, and tack

# Diamond 1K Gym Finish (continued)



the floor until it is completely dust free after abrading. 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 CHI214 to remove fine dust particles before applying finish.

Scrub and recoat (Pre-Game and SPP procedure): The floor may be scrubbed and coated the same day. Work small areas. DO NOT FLOOD THE FLOOR. Scrub with Pre-Game using 3M SPP (250-500 ft<sup>2</sup> per side). Pick up scrubbing solution with an autoscrubber or wet vacuum. Autoscrub or 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 CHI214 to remove fine dust particles before applying finish.

Application: Before applying Diamond 1K, tack the floor a final time with cleaning cloth CHI214. Apply at a coverage rate of 500-600 ft<sup>2</sup> /gal using an approved applicator (see below). Two coats of Diamond 1K are recommended for recoating floors when prepared using 3M SPP preparation methods. Avoid leaving puddles of finish on the floor. Allow each coat to dry at least 4-6 hours; abrading between coats is not required unless finish has dried for 24 hours or longer. If Diamond 1K dries longer than 24 hours, abrade with Hillyard Maroon Pads (250 ft<sup>2</sup> per side) and tack with Tack-It or Pre-Game. If Diamond 1K dries longer than 48 hours, abrade with SPP (250 ft<sup>2</sup> per side). Apply the second coat of Diamond 1K in the same manner as the first.

Note: Turn on the exhaust system 1-2 hours after each application of Diamond 1K. If after abrading, the floor sits for longer than 24 hours before being coated, reabrade and tack before applying additional finish coats to prevent peeling from occurring. Under normal drying conditions, allow the floor to cure 24 hours before opening to light traffic; allow 72 hours before scheduling normal activities.

Clean-Up: Use warm water to clean application equipment.

APPROVED APPLICATORS: Hillyard Multi-Flo® XP 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 in with Diamond 1K prior to recoating the entire floor.

NOTE: For wood substrates only.

NOTE: Best results are obtained with adequate ventilation and floor temperatures 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 Diamond 1K until coating has cured one week. On newer floors, be cautious not to flood expansion joints with excess seal and finish. Keep container closed when not in use. Do not pour unused finish back into container.

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

# Diamond 1K Gym Finish (continued)



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.

Meets slip resistance using ASTM D2047 method.

PROTECT FROM FREEZING

DISCLAIMER OF WARRANTY: Seller makes no warranty of any kind, express or implied, except that this product shall be of seller's standard quality.