

# Penetrating Seal No. 21

HILLYARD  
FLOOR CARE

A 35% premium tung oil urethane blend oleoresinous seal that penetrates deep into wood to form a smooth, durable surface to seal out dirt and stains. Pen Seal withstands heavy duty use as it enhances the beauty of your floor. Pen Seal is perfect for coating parquet floors, strip or plank flooring, and wood classroom, warehouse, or factory floors. Pen Seal is one of the few coatings recommended for wood floors which have become oily from sweeping compounds and dust mop dressings.

## Features & Benefits

- Withstands heavy duty use.
- Makes floors easier to maintain.
- Forms a durable surface to seal out dirt and stains.

## Directions

**New or Freshly Sanded Floors:** 1. Sand according to MFMA and NOFMA accepted methods making your final cut with 80-100 grit paper. Screen with 120 grit screen discs. 2. Vacuum entire floor and tack with HILLYARD KLEEN-UP SOLVENT to remove fine dust particles. DO NOT USE a treated dust mop. 3. Allow floor to dry one hour prior to coating.

**Floor Preparation - Dry Screening:** 1. Pre-clean floor using HILLYARD SUPER SHINE-ALL or TACK-IT to remove contaminants. Failure to remove contaminants could inhibit proper adhesion of the new coating. 2. Dry screen floor using 100-120 grit screen discs (250 sq. ft. per side) to a uniform dullness. 3. Vacuum thoroughly and tack with HILLYARD TACK-IT or KLEEN-UP SOLVENT. 4. Allow floor to dry at least one hour. 5. Tack one final time using CLEANING CLOTH CHI415 to remove fine particles.

**Floor Preparation - Wet Screening:** 1. Mix HILLYARD SUPER SHINE-ALL 2 oz. per gallon of water. 2. Apply solution in small sections. **DO NOT FLOOD THE FLOOR. DO NOT ALLOW SOLUTION TO STAY IN CONTACT WITH THE FLOOR FOR AN EXTENDED TIME.** 3. Screen floor using 120 grit screen discs (250 sq. ft. per side) to a uniform dullness. 4. Recover solution using a wet vacuum. 5. Rinse floor using clear water to remove any residue or debris. 6. Allow floor to dry overnight before coating. 7. Tack floor with HILLYARD TACK-IT or KLEEN-UP SOLVENT. 8. Tack one final time using CLEANING CLOTH CHI415 to remove fine particles.

**Applying PENETRATING SEAL NO.21:** 1. Apply product using a lambswool block. 2. Pour product into a shallow pan. Dip the new, clean lambswool applicator into product. 3. Apply a uniform coat starting across the grain of the wood. Immediately smooth the product with the grain of the wood. Repeat this process until the entire floor is coated. Avoid leaving puddles of product on the floor. 4. Allow product to dry 12 hours under normal drying conditions. Temperature and humidity will affect dry time. 5. When dry, abrade entire floor with maroon pads (250 sq. ft. per side) or 120 grit screen discs (250 sq. ft. per side). 6. Apply next coat of product. 7. Repeat steps until desired results are achieved.

**NOTE:** If product is allowed to dry longer than 48 hours, it must be abraded with 150-120 grit screen discs before an additional coat may be applied. In large, unobstructed areas, seal may be applied with an E-Z WAY applicator or heavy-weight T-bar equipped with a lambswool cover.

**MAINTENANCE:** Dust mop daily with a Super Hil-Tone treated dust mop. Clean spills and stains immediately using Super Shine-All. Occasional damp mopping with a solution of Super Shine-All will remove dirt and soils.

**ATTENTION!** Best results are obtained with adequate ventilation and floor temperatures above 60 deg.F (16 deg.C). Avoid direct drafts on the floor. Do not pour unused material back into container; do not store unused material for long periods of time. Do not place carpets or rugs on the floor for one week after seal application. Emptied 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.

**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.

## Certifications, Registrations & Notes

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



## Safety

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

## HMIS

## Concentrate

Health	2
Flammability	2
Reactivity	0

## Technical Specifications

Color	Amber
Scent	Solvent
Appearance	Clear to Slightly Hazy
pH (concentrate)	N/A
Non-Volatile Matter	35.00%
Dilution Rate	RTU

## Availability

Item	Pack
HIL0033306	6 - 1 Gallon Containers
HIL0033307	1 - 5 Gallon Pail

HILLYARD

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