

TECHNICAL DATA & APPLICATION GUIDE

POLYWHEY® 3000 PROFESSIONAL WOOD FLOOR SEALER



PRODUCT DESCRIPTION:

PolyWhey 3000 Wood Floor Sealer uses the power of natural whey protein to create a professional strength clear sanding sealer recommended for all interior bare wood floors or previously stained/coated wood flooring. PolyWhey 3000 is easy to apply, dries quickly, dries clear and minimizes both grain raise and tannin pull. For best results, apply one coat of PolyWhey 3000 Wood Floor Sealer and 2-3 coats of PolyWhey 2500 Wood Floor Finish or PolyWhey 3500 Wood Floor Finish.

ADVANTAGES:

Fast: Quick-dry sealer with great coverage and easy clean-up

Easy: Superior flow and leveling for smooth application and preparation for finish

Effective: Seals the wood, minimizing grain raise and tannin pull

Versatile: Excellent adherence properties allow compatibility with nearly all wood surface and stain treatments

Trusted: Recommended by distributors, contractors, architects, and DIYers

RECOMMENDED USES:

Use PolyWhey 3000 Wood Floor Sealer on interior bare wood flooring or previously varnished or stained wood floors.

PRODUCT SPECIFICATIONS:

Color in Container:	Milky White
Clarity (dry):	Crystal/Transparent
Weight Solids:	≤ 35%
Volume Solids:	≤ 33%
VOC (as packaged):	≤ 50 g/L
pH:	7.80-8.20
Viscosity (#2 Zahn Cup):	40-45 secs
Flash Point:	None
Sheen:	Semi-Gloss: 45 ± 5 units @ 60°
Freeze/Thaw Stability:	Do not freeze
Shelf Life:	24 months from date of mfg.
Dry Time (77°F, 50% RH):	To Touch: 30-40 mins To Handle: 50-60 mins To Recoat: 1.5-2 hrs
Clean-Up:	Soap and hot water
Odor:	Neutral
Maximum Cure:	7 days
Coverage:	500-600 sq ft/gal (no application loss) @ 0.75 – 1.1 mil dft

Continued on reverse.



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INSTRUCTIONS:

Before using, please read all directions and Material Safety Data Sheets.

Recommended application system: For most residential applications, one coat of PolyWhey 3000 and 2-3 coats of PolyWhey 2500 Wood Floor Finish or PolyWhey 3500 Wood Floor Finish are recommended. Add additional topcoats for commercial or heavy-traffic residential flooring.

Compatibility: PolyWhey 3000 Wood Sealer will adhere to bare wood and most stain bases after proper preparation and dry times. Wood species can affect the stain, sealer and finish results. Prepare a sample board or test area to confirm desired appearance and compatibility.

Surface preparation: Use Norton abrasive products to sand and prepare floor using NWFA industry standards. Vacuum and wipe surface clean prior to coating.

Recommended applicators: Light weight T-bar, 3/8" nap micro-fiber or synthetic roller or painters pad.

Application: Stir sealer before applying. Pour a 2" bead of sealer near the starting wall. Use a dampened T-bar sleeve, roller sleeve or painters pad and pull the sealer with the grain of the wood. Maintain a wet edge at all times. Feather out all turns. Avoid moving too quickly and maintain steady, medium pressure to avoid applicator drips. Make sure to apply sealer at the recommended coverage rate of 500-600 square feet per gallon. Do not apply too thin or too heavy. Allow 2 hours to dry. High humidity and/or low temperature conditions may increase dry time. For best results, apply in temps between 65°F-80°F with a relative humidity of 40%-60%. Up to 4 oz. of water per gallon may be added for variable application conditions. Between coats: For best results, abrade after PolyWhey 3000 application with a Norton SandDollar pad or Norton 220 grit disc/paper. If applying more than one coat of PolyWhey 3000, abrade if 24 hours have passed since the previous coat was applied. Always vacuum and tack thoroughly with a clean, damp cloth.

MAINTENANCE:

Clean up and storage: Wipe excess finish out of the threads of the container with a clean cloth prior to sealing. Brushes and other equipment can be cleaned with warm, soapy water. Store in a dry, ventilated and cool place, and keep from freezing. Keep lid closed tightly and container in an upright position away from fire, open flame or excessive heat.

Shelf life: Finish in properly re-sealed containers can be used for 24 months from the date of manufacture.

Re-coating: Be sure any wax, polish or oily residue is removed before re-coating. Abrade as needed then vacuum and tack thoroughly with a clean, damp cloth. If applying over other finishes, always test for compatibility.

Curing: Allow one week for full product cure. Furniture may be replaced after 72 hours, with protectors. Use only dry mop for cleaning during the first week.

PRECAUTIONS:

PolyWhey products have low VOC levels, but should still be used with adequate ventilation. Provide sufficient fresh air circulation. If ventilation is inadequate, use an organic vapor/particulate respirator approved by NIOSH/MSHA for spray mist vapors. When sanding a dried film, use a dust/mist respirator approved by NIOSH/MSHA. Wear protective gloves and splash goggles or safety glasses with side shields. Keep out of reach of children! Do not take internally! Avoid contact with eyes and prolonged contact with skin. This product is not flammable, but all polymer film can burn and containers can explode if exposed to extreme heat or fire. Avoid breathing fumes of burning dry coating. Extinguish with foam, CO₂, dry chemicals, or water fog. BEFORE USING SEE MATERIAL DATA SAFETY SHEET.

INGREDIENTS:

Urethane dispersion, acrylic emulsion, water, whey protein. See MSDS for hazardous ingredient information. Contains less than 50 g/L VOC.

Visit www.vermontnaturalcoatings.com for videos, instructions, technical data, safety information, case studies, and more.

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TECHNICAL SUPPORT:

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