

TECHNICAL DATA & APPLICATION GUIDE

POLYWHEY® AMBER SEALER



PRODUCT DESCRIPTION:

PolyWhey Amber Sealer uses the power of natural whey protein to create a natural oil-tone waterborne sealer for hardwood floors. Amber Sealer is recommended for all interior bare wood floors or previously stained/coated wood flooring and can be topcoated with PolyWhey 2500 Floor Finish or PolyWhey 3500 Floor Finish. PolyWhey Amber Sealer is easy to apply, dries quickly, sands easily and minimizes both grain raise and tannin pull.

ADVANTAGES:

Color: Adds a rich amber tone to hardwoods and soft woods

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

Easy: Superior flow and leveling for smooth application and preparation for finish. Won't leave streaks or blotches.

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 Amber Sealer on interior bare wood flooring or previously stained or coated wood floors.

PRODUCT SPECIFICATIONS:

Color in Container:	Brownish-Grey
Clarity (dry):	Amber
Weight Solids:	≤ 20%
Volume Solids:	≤ 18%
VOC (as packaged):	≤ 50 g/L
pH:	8.0-8.5
Viscosity (#2 Zahn Cup):	16-20 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:	400-500 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, 1-2 two coats of PolyWhey Amber Sealer 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 Amber 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 Amber Sealer application with a Norton SandDollar pad or Norton 220 grit disc/paper. If applying more than one coat of PolyWhey Amber Sealer, 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.

USA CUSTOMER SERVICE:

Toll Free Phone: 1 (800) 551-4415
Phone: 1 (254) 918-2306
Fax: 1 (254) 918-2309

CANADA CUSTOMER SERVICE:

Toll Free Phone: 1 (800) 263-6565
Toll Free Fax: 1 (800) 561-9490

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TECHNICAL SUPPORT:

VERMONT NATURAL COATINGS, INC.

Toll Free Phone: 1 (888) 639-9439
Phone: 1 (802) 472-8700

Fax: 1 (802) 472-8755
info@vermontnaturalcoatings.com
www.vermontnaturalcoatings.com

