

VERMONT NATURAL COATINGS®

PolyWhey®

Professional Wood Finish Made Green.™

PolyWhey®, a revolutionary, patented technology delivers durable, safe and easy to use paints, stains and finishes that have established the highest performance and environmental standards. PolyWhey uses whey protein- a byproduct of cheese making- as the transformative ingredient.

A Better Whey



Superior Durability

Premium durability with patented PolyWhey formula



Red List Free

No chemicals causing cancer, birth defects, or reproductive harm



No California Prop 65 Ingredients

Protects ground and drinking water from toxic chemicals



Qualifies for LEED Credits

Complies with VOC laws in all 50 states and Canada



Green Innovation

Derived from recycled and renewable whey protein

PolyWhey® Topcoat 500

PolyWhey Topcoat 500 is a highly durable waterbased finish specially formulated for manufactured interior products. Ideal for hand or automated application and available in matte, satin and semi-gloss.

Vermont Natural Coatings PolyWhey® is new coatings technology created through a collaboration of farmers, wood-workers and scientists at the University of Vermont. Our whey protein formula displaces toxic ingredients found in many other finishes.



Durable • Safe • Easy to use

Vermont Natural Coatings, Inc

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VERMONT NATURAL COATINGS®

PolyWhey® TOPCOAT 500

By using whey protein as a co-binder, PolyWhey leverages a renewable resource to deliver the safest and most durable paints, stains and finishes on the market.

RECOMMENDED USES:

For use on interior bare wood or sealed interior wood.

PREPARATION & APPLICATION

APPLICATION TOOLS:

May be applied by spray, roll-coating or in-line spray, as well as brushing.



SURFACE PREPARATION: Sand all wood to remove loose wood fibers and old finishes. Clean the surface with **Vermont Natural Coatings Wood Cleaner**, rinse thoroughly and allow to dry.



APPLICATION:

Apply in temperatures between 60° - 85°F and relative humidity of 40%-60%. High humidity or low temperature may lengthen dry time.



1) Stir well prior to use.

2) Apply **without thinning** to a properly prepared surface. Thinning may result in a reduced product performance. Apply a thin, even coat going with the grain to end or on full board lengths. Overlap application passes and always maintain a wet edge.



3) Recoat in under two hours in normal conditions. Ideally apply over one coat of PolyWhey Production Sealer with 1-3 coats of PolyWhey Topcoat 500 for best performance.

TECHNICAL DATA

Color in Container	Milky White
Clarity (Dry)	Transparent
VOC	Coating: <135g/L (wet)
Flash Point	None
Freeze/Thaw Stability	Do not freeze
Pot Life	12 months from date of manufacture
Dry Time	30-40 minutes to touch 50-60 minutes to handle 1.5-2 hours to recoat
Clean Up	Soap and hot water
Odor	Neutral
Maximum Cure	One week
Coverage	500-600 sq. ft. per gallon



Available in Gallon, Five Gallon,
Drum and 275 gallon tote

- Industrial strength for commercial use
- Quick drying
- Covers 500-600 sq. ft. per gallon
- Cleans up with soap and water
- Non-flammable



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For project ideas and testimonials visit: www.vermontnaturalcoatings.com