

# 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® Floor Finish

Vermont Natural Coatings PolyWhey® Floor Finish provides superior durability, easy application and soap & water cleanup, making it the ideal choice for wood floors. Our finish delivers professional quality results using safe, natural ingredients.



*Durable • Safe • Easy to use*

**Vermont Natural Coatings, Inc**

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# VERMONT NATURAL COATINGS®

## PolyWhey®

### FLOOR FINISH

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 flooring or previously varnished or stained wood floors.



Available in Quart, Gallon,  
and Five Gallon

- High durability proven to protect against chemicals, mar and scratches
- Quick drying
- Neutral odor
- Non-flammable
- Clear finish enhances wood grain without yellowing
- Available in Matte, Satin or Semi-Gloss



*Durable • Safe • Easy to use*

#### PREPARATION & APPLICATION

**SURFACE PREPARATION:** If applying to previously finished wood, sand surface to remove old coatings before applying new finish. If sanding the entire surface is not desired, sand areas of distress than can cause flaking. This allows blending of edges. Vacuum dust and wipe with a water-dampened cloth.

#### APPLICATION:



1) Stir well prior to use. **Do not thin.** Thinning may result in reduced performance.



2) Always test the finish on a sample piece of wood to confirm desired appearance. For best results apply in temps between 65°F-80°F with a relative humidity of 40%-60%. Avoid applying in direct sunlight. **Three coats** are recommended for optimum product performance.



3) Using a brush or paint pad, apply thin, even coats in the direction of the grain, taking care to avoid puddling. Overlap strokes, always maintaining a wet edge. Finish will be dry in two hours under normal conditions. High humidity or low temperature may lengthen dry time.



4) Sand lightly after first coat with fine sand paper (220 grit or finer).

5) Vacuum dust and wipe with a water-dampened cloth and **Vermont Natural Coatings Wood Cleaner**. Never use steel wool or tack cloth.

6) Apply second coat. After second coat sand only if 24 hours have passed since the previous coat was applied. Sanding, vacuuming and cleaning between coats will aid adhesion and create a smoother surface.



7) Under normal conditions and with good ventilation, finished wood will be ready for next coat in less than two hours. Allow **one week** for full product cure. **One gallon will cover approximately 500-600 sq. ft.**

#### TECHNICAL DATA

<i>Color in Container</i>	Milky White
<i>Clarity (Dry)</i>	Crystal Clear
<i>Solids Content</i>	28.5%
<i>Chemical Resistance</i>	No visual defects
<i>VOC</i>	Coating: ≤180g/L (wet) Material: ≤58g/L (dry)
<i>Flash Point</i>	None
<i>Sheen</i>	Semi-Gloss: 45 units (±) @ 60° Satin: 20 units (±) @ 60° Matte: 10 units (±) @ 60°
<i>Freeze/Thaw Stability</i>	Do not freeze
<i>Pot Life</i>	12 months from date of manufacture
<i>Dry Time</i>	1-2 hours under normal conditions
<i>Clean Up</i>	Soap and hot water
<i>Odor</i>	Neutral
<i>Maximum Cure</i>	One week
<i>Coverage</i>	500-600 sq. ft. per gallon

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For project ideas and testimonials visit: [www.vermontnaturalcoatings.com](http://www.vermontnaturalcoatings.com)