

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



Penetrating Water Proofer

Vermont Natural Coatings Water Proofer infused with juniper stabilizes and seals wood from the inside, extending wood life by controlling moisture flow to reduce mold, mildew and decay. Penetrating Water Proofer is clear and leaves no topcoat, allowing the wood's color to age naturally.



Durable • Safe • Easy to use

Vermont Natural Coatings, Inc

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EXTERIOR PENETRATING STAIN

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 exterior wood decks, siding, railing, shake roofs, fences and outdoor furniture



Available in Quart, Gallon,
and Five Gallon

- Long lasting protection
- Stabilizes wood
- Reduces mold, mildew and decay
- Covers up to 300 sq/ft per gallon
- Non-flammable
- Penetrates wood and seals from the inside
- Will not evaporate or wash away
- Easy clean up with soap and water



Durable • Safe • Easy to use

PREPARATION & APPLICATION



SURFACE PREPARATION: If new wood, be certain surface is thoroughly cleaned before applying. For pressure washing, do not exceed 1200 psi and use wide-spray nozzle. Allow to dry completely. For previously coated material, be sure all loose finish is removed, then clean thoroughly. Test to ensure wood is able to accept finish by checking if water beads on surface, or soaks into wood. If water soaks in, the wood it is able to accept Penetrating Water Proofer.



APPLICATION:

Apply when no rain is expected for 24 hours. For pressure treated wood allow 3-6 months before application. Not suitable for subterranean or submerged wood.



1) Stir well prior to use.



2) Apply with a brush and/or spray equipment **without thinning** to a properly prepared surface. Brush in any puddles of product on the surface.

3) Apply two coats. **The second coat must be applied before the first coat dries.** If the first coat fully dries it will not allow the second coat to penetrate. No sanding is required between coats.

4) Coat all wood surfaces and end-grain and apply in temperatures between 45° - 100°F and relative humidity of 40%-60%. Coating all surfaces increases the stability of the wood. High humidity or low temperature may lengthen dry time.



5) Under normal conditions, surface will be ready for foot traffic in 2-3 hours after second coat.

TECHNICAL DATA

<i>Color in Container</i>	Milky White
<i>Clarity (Dry)</i>	Crystal Clear
<i>VOC</i>	Coating: 0g/L (wet)
<i>Flash Point</i>	None
<i>Freeze/Thaw Stability</i>	Do not freeze
<i>Pot Life</i>	12 months from date of manufacture
<i>Dry Time</i>	2-3 hours, apply second coat before first coat dries
<i>Clean Up</i>	Soap and hot water
<i>Odor</i>	Neutral
<i>Maximum Cure</i>	48 hours
<i>Coverage</i>	300 sq. ft. per gallon

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