



Product Data Sheet

- Exterior Penetrating Stain -

Product Description: Vermont Natural Coatings Exterior Penetrating Stain with PolyWhey® technology is a one-step, durable, element-repelling sealer and topcoat for siding, decks, fences, furniture, and other outdoor wood surfaces. The natural strength of whey protein makes Vermont Natural Coatings Exterior Penetrating Stain a protective, environmentally safe finish for all exterior wood applications.

Recommended Uses: Use Exterior Penetrating Stain on exterior wood decks, fences, siding, railings, outdoor furniture and other wood surfaces. May be used on new wood, pressure-treated wood, and weathered wood.

Typical Properties

Color in Container	Clarity (Dry)	Flash Point:	None
Caspian Clear: cream	Transparent	Freeze/Thaw Stability:	Do not freeze
Acorn Brown: brown	Semi-transparent	Maximum Cure:	48 hours
Lakeside Cedar: tan	Semi-transparent	Dry To Touch:	1 hour under normal conditions
Autumn Red: rust red	Semi-transparent	Clean Up:	Soap and hot water
Sheen	45 units (±5) @ 60°	Odor:	Neutral
Solids (volume)	≥ 15%	Shelf Life:	12 months from manufacture
Solids (weight)	≥ 18%	Coverage:	approx. 400 sq. ft. per gallon on smooth surfaces, approx. 200 sq. ft. per gallon on rough surfaces.
Solvent type	Water		
VOC: Coating:	≤ 45 g/L (wet)		

Packaging: Five gallon, gallon, and quart

Application Instructions

Surface Preparation: Hammer down any raised nails. Sand with the grain to completely remove old finishes. Be sure surface is thoroughly cleaned and dried. Do not apply if precipitation is expected within 48 hours.

Warning! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log onto www.epa.gov/lead.

Application: 1) Stir thoroughly prior to use. 2) Test the stain on a sample piece of wood or less visible area of surface to be finished. 3) Apply with brush, paint pad, foam brush or spray. Do not thin. Thinning will result in reduced product performance. Apply an even coat with the grain. Maintain a wet edge. Coat the end grain of all exposed boards. 4) Two coats are recommended. Apply second coat while first coat is still damp. Do not sand between coats. 5) Apply when air and surface temperatures are between 50°-80°F and relative air humidity of 40%-60%.

Drying/Curing: Under normal conditions treated wood will be fully cured in 48 hours. **One gallon will cover approximately 200-400 sq. ft.** depending on porosity of wood.

Cleanup and Storage: Wipe excess stain from lip of container with a clean cloth prior to sealing. Brushes and other equipment can be cleaned with warm, soapy water.

Vermont Natural Coatings, Inc.

P.O. Box 512 190 Junction Road Hardwick, Vermont 05843 (802) 472-8700 Fax: (802) 472-8755

vermontnaturalcoatings.com