

# FAQs from Vermont Natural Coatings

<http://www.vermontnaturalcoatings.com/made-green/faqs/>

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## Why PolyWhey®?

### Why is PolyWhey better than other water-based finishes?

PolyWhey has greater durability, with a cured hardness that is twice that of the average water-based finish. It also has 25% less VOC content than the standard that most water-based finishes try to meet. PolyWhey accomplishes this by using whey, a natural, renewable resource, as its bonding agent.

### What makes PolyWhey a Green product?

Our formulations use whey protein as the bonding agent. Whey is a renewable resource and a natural by-product of the dairy industry. This use of a natural product in our professional finishes translates to low VOCs, and better indoor air quality.

### What is whey?

Whey is a by-product of the dairy industry, specifically of cheese making.

### What does VOC stand for?

VOCs, or Volatile Organic Compounds, evaporate into the air from many substances. These off-gasses contribute to smog production and health problems from inhalation. Petroleum products, like oil-based finishes, have harmful levels of these VOCs and are easily identifiable by their noxious smell.

### What is the VOC level?

The VOC level for Vermont Natural Coatings finishes is  $\leq 180\text{g/L}$  (grams per liter). The toughest indoor air quality standard for wood finish in the United States is California's 275g/L.

## Application

### How fast does it dry?

Under normal conditions and with good ventilation, wood treated will be dry and ready for use in 2 to 3 hours. Allow 1 week for full product cure.

### How do I apply it?

For complete instructions please refer to our application instructions.

[Application Instructions – Interior](#)

[Application Instructions – Exterior](#)

### Does it yellow when exposed to UV light?

Our interior finishes will stay clear when exposed to interior UV light. PolyWhey Exterior has UV

inhibitors to protect your decks, fences and siding from the sun's rays.

### **How do I prepare a surface for a VNC finish?**

If applying to previously finished wood, sand in order to remove old finish before applying new finish. If sanding entire surface is not desired, be sure to sand areas of distress that can cause flaking, in order to blend edges. Apply the product directly to the surface or the sealer coatings.

### **Is it possible to have a different level of gloss?**

PolyWhey Furniture finish is available in gloss, semi-gloss and satin. PolyWhey Floor finish is available in semi-gloss and satin. Large volume customers should contact us to request a custom finish.

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