

# REHMEYER

*Wood Floors*

## WHAT IS POLYWHEY FLOORING FINISH?

### REHMEYER'S SUPPORTS GREEN PROCESSES AND PRODUCTS

In our search for sustainable, green products for use in our finishing processes, we discovered PolyWhey. PolyWhey is produced by Vermont Natural Coatings (VNC) in both Interior and Exterior versions. PolyWhey finishes are made with whey protein, a byproduct of cheese making. Whey is a natural, renewable resource, and is the transformative, bonding agent in PolyWhey finishes.



Whey Proteins Produced as Part of the Cheese Making Process.

PolyWhey dries clear so has beneficial uses alone as a finish or combined with other finishing processes. When we prepare flooring with special finishing processes such as our White French accent, we want to preserve the resulting color and tone of the finish. In this instance, we use PolyWhey as a finishing product and apply three (3) coats. PolyWhey Floor finish is quick drying and is available in matte, semi-gloss and satin.



Rehmeyer Wood Floors White French Finish on White Oak

As part of our finishing process, Rehmeyer customizes floor finishes based on desired look and the end use. PolyWhey is a great final coat on wood floors as it will not diminish the effects of custom finishes. In many of

our projects, Rehmeyer utilizes another green product, Waterlox tung oil. We apply 3 coats of Waterlox tung oil to enhance and tone the natural beauty of the wood. Once the tung oil cures, we apply a PolyWhey top coat. The resulting finish is furniture grade, hard yet elastic, and will protect your wood floor against foot traffic, common household spills, moisture and daily use. Interior finishes remain clear when exposed to interior UV light. PolyWhey Exterior has UV inhibitors to protect your outdoor wood floors, decks, fences and siding from the sun's rays

PolyWhey comes in multiple strengths ... light traffic residential, moderate traffic residential / light traffic commercial, heavy-traffic commercial and residential, and sport floor. All versions provide durable finishes in varying degrees. The commercial strength provides outstanding mar and scratch resistance and stands up to the rigorous cleaning required of daily use.

If you or your builder elect to finish your wood floors on site, PolyWhey finishes are self-leveling and have great flow, ensuring a uniform finish and soap and water cleanup. PolyWhey finishes are easy to apply however, the wood must be receive a light sand with fine grit after the each coat. You can apply with a brush, foam brush, or paint pad.

Rehmeyer supports low impact, sustainable, and green processes and products. PolyWhey is a VOC product. 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. The VOC level for Vermont Natural Coatings PolyWhey finishes range is  $\leq 180\text{g/L}$  (grams per liter) in floor finish. The toughest indoor air quality standard for wood finish in the United States is California's  $275\text{g/L}$ . PolyWhey products not only contain ultra-low VOC levels, but they also are free from carcinogens, mutagens and reprotoxins.



PolyWhey Finished Wood Floor