

Sutherland Welles Ltd.®

Sustainable, natural & earth-friendly Polymerized Tung Oil wood finishes.

Oxidizer



How do I create the “Old World Look”?

There are projects in the field of restoration finishing that require reproducing an “aged” look to a floor, cabinetry, walls, wainscoting, etc.. In any application where new wood is put against a naturally aged piece, matching that aged look requires special products to achieve the desired result. Sutherland Welles Ltd.® offers two approaches that will make meeting that challenge highly successful. The first is the process of oxidizing the new wood, or instantly aging the wood. The second is the application of our Old World Concentrated Stain™. These two systems used together allow you to replicate or match an existing finish.

What is Oxidizer?

Oxidizer is a chemical called, Potassium Dichromate. The role of the oxidizer is to quickly age wood to give it an older appearance and to soften the grain structure allowing the stain to absorb evenly. This is important for example, when a section of new wood has been used to repair a piece of furniture. You will not be able to match the look of the woods by staining alone; newer wood will simply end up looking new and stained. This can be solved by using Sutherland Welles Ltd.® Oxidizer Concentrate. For most woods, oxidizer turns the wood brown.

How do I use Oxidizer?

- **Prep Sanding:** Floors:120 grit, Other projects: 220 grit
- **Samples:** Test your proposed dilution on either a sample piece of wood or in an inconspicuous location. Adjust the dilution based on your trial.
- **Small projects:** Such as furniture, brush on the diluted Oxidizer with a natural bristle or foam brush and allow it to penetrate.
- **Floors:** Oxidizer can be applied with a brush for edges and a lambs wool applicator for the remaining surfaces. It is important to always keep a wet edge as you work your way across the wood floor. Make sure the container holding the oxidizer is on an absorbent mat so it doesn't leave a ring on the wood. Also avoid rolling any pail across the wet wood, especially softwoods as it will compress the wood and leave marks.
- **Vertical Surfaces:** Oxidizer should be applied from the bottom to top of wood to avoid drip marks.
- **Dry Time:** 3-4 hours
- **Re-Sanding:** Floors:120 grit, Other projects: 220 grit
- **Continue:** Choose your finishing proces, clear coating or staining.

What's the coverage from a gallon of Oxidizer?

- Approx. 300 sq.ft. per gallon

Dilution Schedule for Oxidizer

