

## TECHNICAL DATA



# WATCO® DANISH OIL 350 VOC

### DESCRIPTION AND USES

Watco® Danish Oil is a blend of penetrating oil & varnish that hardens in the wood, not on the wood surface. Watco Danish Oil penetrates deep into wood pores to protect from within and to enhance the natural look of the wood. It creates a rich colour of a traditional hand-rubbed finish. Many projects can be completed in less than an hour. Danish Oil is easy to use. Simply brush or wipe on and wipe off.

### PRODUCTS

| 3.78 L | Description   |
|--------|---------------|
| 273590 | Natural       |
| 273569 | Medium Walnut |

### PRODUCT APPLICATION

#### SURFACE PREPARATION

Remove any existing finishes with sandpaper or stripper. Prepare bare wood for staining by sanding in the direction of the grain. Begin with #120 grit sandpaper and progress through #150, #180 and #220 grits. Before staining, remove all sanding dust and dirt with a vacuum, tack cloth, or rag dampened with mineral spirits. For grease and glue, remove with a rag dampened with mineral spirits.

**OPTIONAL STEPS** - Pre-treat soft woods, such as pine, by lightly wiping the wood's surface with a cloth moistened with Watco Danish Oil finish in Natural. Immediately wipe the surface completely dry and proceed with application

#### APPLICATION

1. Use on dry wood from which all previous coatings have been removed. Sand wood smooth and wipe clean.
2. Mix thoroughly to ensure that any settled pigment is re-dispersed before application. Stir occasionally during use. Apply a test sample on a small inconspicuous area before proceeding with the entire job. Complete the entire project with the same stain colour.
3. Flood surface using brush or cloth, applying additional finish to areas that absorb all of the liquid. Allow to penetrate for 30 minutes then remove excess by wiping

with a rag in the direction of the grain. Removal of all excess material is essential to ensure proper dry time and proper adhesion of topcoat.

4. Reapply, allowing an additional 15 minutes penetration. Wipe surface completely dry. Ready for use in 8-10 hours
5. If a topcoat is required, use Varathane® Interior Diamond Wood Finish (oil based or water based) or Varathane® Professional Clear Finish. Allow WATCO® Danish Oil to dry 72 hours before applying.

Different VOC products can be successfully intermixed.

### MAINTENANCE

Apply fresh coats as needed to repair surface scratches and remove minor stains. Burnish affected area with fine steel wool or 220-grit sandpaper, then apply the colour of Watco Danish Oil originally used to finish the wood.

### CLEAN UP

Clean application tools and equipment with mineral spirits or paint thinner.

### COVERAGE:

20-28m<sup>2</sup> (220-300 ft<sup>2</sup>) per 3.78L. Do not thin.

### TEMPERATURE

Use only when air (ambient) temperature is between 16-32°C (60-90°F) and relative humidity is below 85%. Allow for longer dry times during damp and humid conditions. Dry time varies with temperature, humidity and ventilation.

**WARNING** MAY IRRITATE SKIN. Do not get on skin or clothing. Keep away from flames or sparks. Keep out of reach of children.

**FIRST AID TREATMENT:** Contains Stoddard Solvents and Solvent naphtha. If swallowed, call a poison control center or doctor immediately. Do not induce vomiting. If on skin, rinse with water.

**TECHNICAL DATA****WATCO® DANISH OIL 350 VOC****PHYSICAL PROPERTIES**

|  |                   | WATCO® DANISH OIL 350 VOC                        |
|--|-------------------|--|
| <b>Resin Type</b>  |                   | Natural drying and semi-drying oils, rosin ester |
| <b>Pigment Type</b>  |                   | None   |
| <b>Solvents</b>  |                   | Mineral spirits                                  |
| <b>Weight</b>  | <b>Per Gallon</b> | 7.3 lbs.   |
|  | <b>Per Liter</b>  | 0.88 kg  |
| <b>Solids</b>  | <b>By Weight</b>  | 59.0%  |
|  | <b>By Volume</b>  | 55.0%  |
| <b>Volatile Organic Compounds</b>  |                   | 344 g/l  |
| <b>Theoretical Coverage at 1 mil DFT (25µ)</b>                           |                   | 882 sq.ft./gal.                                  |
| <b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b> |                   | Varies with type and porosity of wood            |
| <b>Dry Times at 25 °C (77 °F) and 50% Relative Humidity</b>              | <b>Touch</b>      | 2 hours  |
|  | <b>Handle</b>     | 10 hours   |
|  | <b>Recoat</b>     | 72 hours   |
| <b>Shelf Life</b>  |                   | 3 years  |
| <b>Flash Point</b>   |                   | >93°F (34°C)                                     |
| <b>Safety Information</b>  |                   | For additional information, see MSDS             |

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