



ZINSSER®

CLEAR VARNISH OIL BASED

DESCRIPTION AND USES

Zinsser® Clear Varnish is an oil-modified polyurethane designed to provide abrasion and scratch resistance to stained wood surfaces. This product is ideal for application to all interior projects such as furniture, doors, cabinets and trim. It is NOT recommended for floors, linoleum, vinyl or glazed tiles and metal.

PRODUCTS

| DESCRIPTION | 473 mL | 946 mL | 3.78 L |
|-------------|--------|--------|--------|
| Gloss | 331406 | 331403 | 331390 |
| Semi-Gloss | 331405 | 331402 | 331389 |
| Satin | 331407 | 331404 | 331401 |

SURFACE PREPARATION

PREVIOUSLY FINISHED SURFACES

To ensure proper adhesion, surfaces must be clean, dry, and free of wax, grease, oil, shellac, lacquer, mildew, and polishes. Remove wax with a wax stripper, shellac with a paint stripper, and mildew with a solution of 10% household bleach and water. Old finishes in poor condition should be removed. Sand using 150-220 grit sandpaper to obtain a smooth surface. Remove all sanding dust using a vacuum, tack cloth, or cloth dampened with mineral turps.

UNFINISHED SURFACE PREPARATION

Sand using 150-220 grit sandpaper and remove all sanding dust using a vacuum, tack cloth, or rag dampened with mineral turps. If a filler or putty is used, make sure it does not contain wax allow enough time for it to dry thoroughly.

STAINED OR PAINTED WOOD

Follow manufacturer's directions for application of the stain or paint. Make certain the surface is thoroughly dry before applying Zinsser Clear Varnish. Refer to the manufacturer's label for dry times. Using this varnish over white or lightly painted surfaces could cause discolouration. Refer to the manufacturer's label for dry times. For best results, use Zinsser Premium Wood Stains.

PRODUCT APPLICATION

APPLICATION TIPS

Use adequate ventilation at all times. Apply at temperatures above 13°C and below 32°C. Slower dry times may result from applications on redwood, cedar or woods with high oil content, use of stain or sealer, or periods of high humidity and/or low temperatures. To prevent bubbles in the finish, do not over-brush, shake container or apply with a roller. Zinsser Clear Varnish has a slight amber cast. Test Zinsser Clear Varnish in an inconspicuous area. Testing is particularly important when applying over paints or stains as the appearance of these products may change slightly when an oil-based finish is applied.

APPLICATION

Stir thoroughly before and during use. To prevent bubbles in the finish, DO NOT SHAKE CONTAINER. Apply using a good quality, synthetic bristle brush, foam brush or applicator. Allow finish to dry 8 hours and then re-coat. Lower temperatures and/or higher humidity may cause slower dry times. Re-coat only when previous coats have dried clear and feel hard. (No longer feels tacky to the touch.) If any coat has dried more than 12 hours, lightly sand before re-coating.

DRY AND RECOAT TIMES

A minimum of 3 coats is recommended. Allow finish to dry 24 hours before light use. Wait 3 days before subjecting surface to normal usage.

CLEAN UP

Clean application tools and equipment with mineral turps.

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| | TECHNICAL DATA | ZNR-48 |
|  | ZINSSER® CLEAR VARNISH OIL BASED | |

PHYSICAL PROPERTIES

| | | CLEAR VARNISH OIL BASED |
|---|------------|--|
| Resin Type | | Urethane Modified Alkyd |
| Solvents | | Mineral Turps, Naphtha |
| Weight | Per Liter | 0.89-0.90 kg |
| Solids | By Weight | 49.7-50.2% |
| | By Volume | 42.0-42.1% |
| Volatile Organic Compounds | | <350 g/l (2.9 lbs./gal.) |
| Recommended Dry Film Thickness (DFT) Per Coat | | 1.0-2.0mils (25-50μ) |
| Wet File to Achieve DFT (unthinned material) | | 2.5-5.0 mils (62.5-125μ) |
| Practical Coverage at Recommended DFT (assumes 15% material loss) | | 7.1-14.1 m ² /l 1.3-3.7 m ² / |
| Dry Times at 21-27°C and 50% Relative Humidity | Recoat | 8 hours |
| | Light Use | 24 hours |
| | Normal Use | 72 hours |
| Shelf Life | | 3 years |
| Flash Point | | 41°C |
| Safety Information | | For additional information, see SDS |

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