



## 1. Product Name

Trans Kote 100

## 2. Manufacturer

WOOD KOTE PRODUCTS INC  
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## 3. Product Description

### BASIC USE

Trans Kote 100 is intended for professional use only. It is formulated for interior wood surfaces and other interior surfaces that are compatible with lacquer such as molded fiberboard. When properly applied, Trans Kote 100 provides a matte surface that will accept Wood Kote pigment stains in a manner very much like closed grain wood. Stains applied to Trans Kote 100 can be dry brushed to achieve a "faux finish" wood grain. Trans Kote 100 can also be applied to water-based paint substrates to provide a stainable surface. It can be applied to inferior wood grades or mixed-species to provide a surface that will accept stain more evenly. It is compatible with a variety of other Wood Kote products. Please refer to the *Wood Kote Schedule of Product Compatibility and Recommended Dry Times*. Trans Kote 100 complies with the US Environmental Protection Agency (EPA) Volatile Organic Compound (VOC) emission requirements for Architectural and Industrial Maintenance coatings (effective 13Sep99). Trans Kote 100 complies with California SCAQMD Rule 1113 (effective 03Jun11).

## ADVANTAGES

- Brush or spray
- Fast-drying
- Economical
- Easy to apply
- Meets US VOC regulations

## COVERAGE

One application of Trans Kote 100 will cover approximately 250-300sq ft/gal (6,1-7,4m<sup>2</sup>/L).

## COMPOSITION & PROPERTIES

Trans Kote 100 is a flat pigmented nitrocellulose-based lacquer. It is intended for application without thinning. If thinning is desired, LaqThin T-99A (lacquer thinner) should be used or, if regulations require a VOC-exempt thinner, use AceThin (acetone).

## TYPES

Trans Kote 100 is available from the factory in one formulation. It can be tinted with universal colorants or, if local environmental regulations require, use VOC free colorants to achieve a wide variety of custom colors.

## SIZES

Trans Kote 100 is sold in 32-fl oz (946ml), 1-Gal (3,8L), 5-Gal (19L) and 55-Gal (208,5L) metal containers.

## 4. Technical Data

### PHYSICAL PROPERTIES

See table 1

## 5. Installation

Complete installation specifications and recommendations are available from the manufacturer.

## PREPARATORY WORK

### Applicator Qualifications

All work shall be performed by skilled tradesmen experienced in performing work of this type and under the direction of a capable foreman.

### Samples

For each finish system indicated at least two 8-1/2"x11" (19x24,6 cm) pieces should be provided for



approval. If it is apparent conditions may allow substantial variations, a sufficient number of samples should be created to indicate the parameters of the variations. Those samples marked "approved" by architect/specifier shall serve as the standard for similar work throughout the project.

### Inspection

Verify all surfaces to be finished will be maintained within a temperature range of 45-80°F (7-27°C) during application and curing period. Verify all surfaces to be finished are clean and dry. Use an electric moisture meter to test all wood surfaces. Do not proceed if reading is higher than 15% without written permission from architect/specifier.

### Surface Preparation

Sand all wood surfaces in the direction of the wood grain with the appropriate abrasive grit specified on the finish schedules (usually between 80-220 grit). Sand all wood surfaces until all machine marks and glue are removed and each species has achieved a uniform smoothness without rough or burnished areas. Remove all sanding dust from the surfaces to be finished and from the work area.

### Mixing

Product should be thoroughly mixed prior to application. Please refer to





Wood Kote Lacquer & Polyurethane Stirring and/or Mixing Instructions.

**APPLICATION**

Trans Kote 100 is formulated to be applied by hand in-shop or on-site with a high quality natural or synthetic bristle brush designed for lacquer application, or with spray equipment that is designed for lacquer application. Each coat should be applied up to 0.003" (0,07 mm) wet film thickness in a manner that each application is uniform in sheen and color, must be free from sags, runs, bubbles or other defects detrimental to appearance or performance. The product is formulated to be applied when the ambient humidity is 30-70%.

**PRECAUTIONS**

For on-site application, be certain local applicable VOC regulations do not supersede Federal regulations. Be certain that on-site conditions allow for adequate ventilation and pose no threat of fire or other health hazards. DO NOT apply over urethanes or other coatings that dry by oxidation. If clear lacquer is to be applied subsequent to stain over Trans Kote 100, the first coat of lacquer should be a light mist coat. This will avoid dissolving the Trans Kote 100 and reduce the possibility

that it appear through the stain. This product has been tested on a very limited number of substrates (and coatings). In addition, a very limited number of coatings have been tested over this product. The applicator is responsible for testing suitability and performance for the specific application. In all cases, Wood Kote strongly recommends testing the entire finish system on an equivalent substrate before applying to the project. Trans Kote 100 should only be applied by qualified professionals who have read and understood this information. Before using any chemical, read its label and Material Safety Data Sheet (MSDS).

**CLEAN UP**

Clean tools and surfaces with an absorbent cloth and LaqThin T-99A.

**6. Availability & Cost**

**AVAILABILITY**

Trans Kote 100 is available through recognized Wood Kote retailers or directly from the manufacturer. A list of stocking dealers is available from the manufacturer and can be found on the manufacturer's web site.

**COST**

Cost information is available from recognized Wood Kote retailers or from the manufacturer.

**7. Warranty**

Trans Kote 100 is sold without warranty except that Wood Kote guarantees that the product is manufactured within the specifications provided herein. Unless Wood Kote warranties, in writing, specific products on an identified project, Wood Kote's

liability is limited to the replacement cost of the product. The information provided herein is accurate to the best of Wood Kote's knowledge or obtained by Wood Kote from sources believed by Wood Kote to be accurate. Wood Kote Products Inc does not assume any legal responsibility for use or reliance upon this information.

**8. Maintenance**

**STORAGE**

Keep in the original containers tightly closed when not in use and stored away from direct light at temperatures between 32-110°F (0-43°C).

**CLEANING & REPAIR**

Trans Kote 100 is formulated as a first coat, and therefore, cannot be directly cleaned or repaired. If repair or replacement is desired, the entire finish system must be removed and reapplied. Trans Kote 100 should be removed from wood with a chemical stripper (paint and varnish remover) or by mechanical means (sanding).

**DISPOSAL**

Dispose of only in accordance with local, state and federal regulations.

**9. Technical Services**

Additional information is available directly from the manufacturer and from the manufacturer's web site.

**10. Filing Systems**

- Wood Kote-Product Catalog
- Additional product information is available from the manufacturer.
- [www.woodkote.com](http://www.woodkote.com)



Physical Properties Table 1

Mfr No	APPEARANCE	GLOSS @ 60°	% WT SOLIDS	VOC gm/L	FLASH PT
150A	Beige Matte	3-2	40	100	15°F (-9.5°C)