

Duco

Synthetic Clear Varnish

▲ PRODUCT DESCRIPTION

Duco Synthetic Clear is a high performance product used on furniture and other woodwork, where a simple finishing, yet a resistant surface is required. This product can be applied by brushing or spraying at room temperature with proper ventilation. This product is designed to be used as topcoat over Duco NC Sanding Sealer as undercoat. This “do it yourself” finish is quick and easy to use. It can be mixed with synthetic enamel for enhancing the gloss.

Duco Synthetic Clear offers an exquisite Gloss look on household wooden Furniture, Doors & Window Frames & on any traditional woodwork.

▲ KEY FEATURES

- Easy to use
- Compatible with synthetic enamels
- High gloss & Gloss retention

▲ APPLICATION AREA

Interior wooden surfaces



Duco Synthetic Clear Varnish

PRODUCT DATA SHEET

APPLICATION METHOD

- Surface Preparation:**
- For pre polished wood – Remove all existing coating by sanding and scraping
 - For new wood – Sand surface smooth using emery paper no. 180 followed by 320. Wipe off loose particles.
 - If required remove dust and grease using a cloth soaked in Melamine Thinner.
- Putty Application:**
- Apply putty using a putty knife or muslin cloth to fill uneven surfaces, small pits and minor cracks
 - Remove excess putty and allow to dry for 1 hour.
 - Sand the surface with emery paper no. 180.
- Stain:**
- Apply Duco water based stains to impart color to your furniture-if required.
 - Duco water based stains can be applied by rag/brush/spray.
 - Allow it to dry for minimum 30 minutes.
- Top Coat Application:**
- Stir the clear well. Strain it through a nylon or muslin cloth.
 - Apply Duco synthetic clear varnish by brush or spray.
 - It should be suitably thinned using Duco Thinner for ease of application.
 - Give 16 hours between coats for best results.
 - Sand down between coats with emery paper no. 320 after drying previous coats.

PRODUCT RELATED INFORMATION

Film Composition:	Type 1 Component : Alkyd based Lacquer
Solvent:	M.T.O. Solvents
Specific Gravity:	0.90 ± 0.02
Solids By Weight:	45 ± 2 %
Virgin Viscosity:	50 ± 5 sec by B4 cup at 25 °C
Colour Range:	Clear
VOC Level (Theoretical):	ASTM D-3960, Varies from 500-550 gm/ltr.
Gloss @ 60 Deg:	> 90
Flash Point (IS 101/1987, Part 1, Sec 6):	40°C
Film Thickness (Wet):	40-50 (micro-meters)
Film Thickness (Dry):	25-30 (micro-meters)
Volume Solids:	40-45 %

Theoretical Coverage:

Under normal conditions it is 80-90 sq.ft/ltr. for 2 coats. However this can show wide variation depending on actual type/condition of wood.

Pack Size:

Available in 0.2, 0.5, 1, 4 & 20 litres.



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