

**DIAMOND COLOUR VARNISH****PRODUCT DESCRIPTION**

It is a general-purpose transparent color varnish, based on oil-Modified alkyd resin, for the interior and exterior applications on wooden surfaces. The transparent wood color varnish penetrates into the grains of the wooden surface and provides natural color and appearance of the wood without hiding the grains. It can be over coated with Diamond Synthetic Varnish.

RECOMMENDED USES:

Diamond Color Varnish mostly is being used in the furniture/carpentry fields. It can be applied on timberwork such

As doors, windows, tables, cupboards etc. to make natural and particular wooden color. It is very easy to apply and provides a glossy and matt finish. It is used for only air-drying purpose.

TECHNICAL DATA

COLOUR, DRY FILM	Diamond Color Varnish shade card
FINISH, DRY FILM	Glossy & Matt
VOLUME SOLIDS (ASTM D2697)	26 ± 2%
SPECIFIC GRAVITY	0.90 ± 0.03
THEORETICAL SPREADING	17.0 – 10.0 M ² /LTR (Depends on wood and method of application)
RECOMMENDED DFT (DRY FILM)	15 – 25 Microns/Coat
RECOMMENDED WFT (WET FILM)	60 – 100 Microns/Coat
FLASH POINT	38°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	4 – 6 hours
*DRY TO RECOAT	12 – 16 hours
DRY TO OVER COAT	24 hours

ADVANTAGES

NATIONAL COLOUR VARNISH	Provides natural wood colors and appearance to wood, highly transparent and visible the wood grains, economical, glossy and matt finish, easy to apply.
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Quality

Diamond Paints

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APPLICATION INSTRUCTION

SURFACE PREPARATION AND APPLICATION	Before application, the surface should be sound, clean and free From oil, grease, loose particles, dust, etc. Clean the wood Thoroughly with the standard emery paper. Apply two coats of Diamond Color Varnish and leave it between 12 to 16 hours to dry after each coat to get the best quality result in color and Shine.
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APPLICATION DATA

APPLICATION METHOD	Brush, Roller and Spray
CLEANING/THINNING	Diamond GP Thinner
THINNER (VOLUME)	Ready for use (if required max. 5%)
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure : 2000 – 2500 psi
NOZZLE SIZE	0.015” – 0.020”
MIXING RATIO (BY VOLUME)	NA
POT LIFE @ 30°C (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National Color Varnish	: 2 coats
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ADDITIONAL DATA

SHELF LIFE @ 30°C	18 months, in original sealed container, with proper storage conditions.
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**HEALTH & SAFETY**

SAFETY PRECAUTION S	<p>As a general rule, avoid skin and eye contact by wearing Overall, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapor and paint mist by wearing suitable attention immediately. Painting must be carried out in well-ventilated area.</p> <p>This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.</p>
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STORAGE

STORAGE	<p>Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not keep paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.</p>
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Limited Guarantee: All Diamond Paints products are guaranteed for best performance; however since Diamond Paints does not control the final application of its products, nor the condition of the surfaces to which they are applied; a limited guarantee is provided. If the product does not perform as specified, Diamond Paints liability will under no circumstances exceed replacement of the product.

Disclaimer: To the best of our knowledge the information provided herein is true and accurate at the date of issuance. The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of anew data sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, priortouse of product.