



**NATIONAL COLOR VARNISH
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL COLOUR VARNISH

PRODUCT DESCRIPTION	It is a general-purpose transparent colour varnish, based on oil-modified alkyd resin, for the interior and exterior applications on wooden surfaces. The transparent wood colour varnish penetrates into the grains of the wooden surface and provides natural colour and appearance of the wood without hiding the grains. It can be over coated with National Synthetic Varnish.
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RECOMMENDED USES	National 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 colour. It is very easy to apply and provides a glossy and matt finish. It is used for only air-drying purpose.
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TECHNICAL DATA

COLOUR, DRY FILM	National Colour 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

* For same generic type paint.



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ADVANTAGES

NATIONAL COLOUR VARNISH	Provides natural wood colours and appearance to wood, highly transparent and visible the wood grains, economical, glossy and matt finish, easy to apply.
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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 National Colour 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	National 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 Colour 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 PRECAUTIONS	<p>As a general rule, avoid skin and eye contact by wearing overalls, 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 vapour 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 & HANDLING

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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NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.
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