



NATIONAL ACID CURING LACQUER
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL ACID CURING LACQUER

PRODUCT DESCRIPTION	Two pack, fast drying acid curing lacquer, having good scratch, hardness and impact resistance. It is also resistant to water, grease etc.
RECOMMENDED USES	As a sealing coat and topcoat of wood, for interior and exterior use.

TECHNICAL DATA

COLOUR, DRY FILM	Clear
FINISH, DRY FILM	Gloss / Satin and Matt
VOLUME SOLIDS (ASTM D2697)	46 ± 2%
SPECIFIC GRAVITY	0.96 ± 0.05 (Mixed)
THEORETICAL SPREADING	15 – 11.5 M ² /LTR
RECOMMENDED DFT (DRY FILM)	30 – 40 Microns/Coat, depends on wood
RECOMMENDED WFT (WET FILM)	65 – 85 Microns/Coat, depends on wood
FLASH POINT	Above 20°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	15 minutes
DRY FOR SANDING	1 – 2 hours
DRY TO RECOAT	4 – 6 hours
FULLY CURED	24 hours

ADVANTAGES

NATIONAL ACID CURING LACQUER SYSTEM	Two pack system with long pot life, easy to apply, good coverage and adhesion to wooden surfaces, excellent U.V. resistance properties.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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APPLICATION DATA

APPLICATION METHOD	Conventional Spray or Curtain Coater
CLEANING/THINNING	National Lacquer Thinner
THINNER (VOLUME)	5-15% depending on method of applications
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure : 1500 – 2000 psi
NOZZLE SIZE	0.015” – 0.020”
MIXING RATIO (BY VOLUME)	Base : Hardener 9:1 (Mix properly before use)
POT LIFE @ 30°c (100 ml)	6 – 8 hours

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface. Apply on dry surface moisture less than 4%.	For wooden surface:
	National Acid Curing Lacquer : 1 coat
	Then thoroughly sand surface, remove dust and apply,
	National Acid Curing Lacquer : 1 – 2 coats

ADDITIONAL DATA

SHELF LIFE @ 30°C	6 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 vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical 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	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 stock 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.
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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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