



**NATIONAL POLYESTER CLEAR
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL POLYESTER CLEAR

PRODUCT DESCRIPTION	Three pack, Polyester clear finish, for wooden surfaces. It has excellent gloss, hardness and long lasting properties.
RECOMMENDED USES	Clear topcoat for application on wooden surfaces and furniture. It protects and decorates wood with elegant look.

TECHNICAL DATA

COLOUR, DRY FILM	Clear, Transparent
FINISH, DRY FILM	Glossy
VOLUME SOLIDS (ASTM D2697)	85 ± 2%
SPECIFIC GRAVITY	1.00 ± 0.05 (Mixed)
THEORETICAL SPREADING	8.5 – 7.00 M ² /LTR
RECOMMENDED DFT (DRY FILM)	100 – 120 Microns/Coat, depends on wood
RECOMMENDED WFT (WET FILM)	118 – 142 Microns/Coat, depends on wood
FLASH POINT	7°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)

SURFACE DRY	30 minutes
TACK FREE	2 – 3 hours
DRY TO RECOAT	10 – 12 hours
HARD DRY	24 hours
FULLY CURED	2 – 3 days

ADVANTAGES

NATIONAL POLYESTER CLEAR SYSTEM	Transparent clear coat, excellent adhesion to wood. Excellent gloss, mar resistance, abrasion resistance and chemical resistance.
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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	Spray, Brush, Roller
CLEANING/THINNING	National Polyester Thinner
THINNER (VOLUME)	Ready to use
CONV. SPRAY REQUIREMENTS	Possible
MIXING RATIO (BY VOLUME)	Base : Hardener : Catalyst 100:5:5 (Mix properly before use)
POT LIFE @ 30°C (100 ml)	10 – 15 minutes

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface. Apply on dry surface moisture less than 4%.	For wooden surface:
	National Polyester Clear : 3 – 5 coats
	If required, buffing can be done, using buffing machine.

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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