



NATIONAL N.C. PEARL FINISH
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL N.C. PEARL FINISH

PRODUCT DESCRIPTION	A faster drying special pearl finish, based on the combination of nitrocellulose and alkyd resins. It has good flexibility and excellent elegant pearl appearance. Easy to apply on various surfaces.
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RECOMMENDED USES	As a topcoat on wooden furniture, metal furniture and kitchen cabinets. Also suitable for automobile as topcoat finish.
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TECHNICAL DATA

COLOUR, DRY FILM	Colours with Pearlescent effects
FINISH, DRY FILM	Smooth / Glossy
VOLUME SOLIDS (ASTM D2697)	30 ± 2%
SPECIFIC GRAVITY	0.98 ± 0.05
THEORETICAL SPREADING	10 M ² /LTR
RECOMMENDED DFT (DRY FILM)	30 Microns/Coat
RECOMMENDED WFT (WET FILM)	100 Microns/Coat
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.)	
TOUCH DRY	10 – 15 minutes
DRY TO RECOAT	60 minutes
HARD DRY	8 – 15 hours

ADVANTAGES

NATIONAL N.C. PEARL FINISH	Faster drying, easy to apply, suitable on wooden and metal surfaces. Elegant look, pearlescent effect, good mechanical 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	Spray, Brush or Roller
CLEANING/THINNING	National Lacquer Thinner
THINNER (VOLUME)	10 – 20% depends on the method of application
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure : 2000 – 2200 psi
NOZZLE SIZE	0.017” – 0.020”
MIXING RATIO (BY VOLUME)	One pack
POT LIFE @ 30°c (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National N.C. Primer Surfacer	: 2 coats
	National N.C. Putty	: 1 coat
	National N.C. Pearl Finish	: 1 – 2 coats
	National N.C. Auto Lacquer Clear	: 1 coat

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 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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