



NATIONAL N.C. PRIMER SURFACER
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL N.C. PRIMER SURFACER

PRODUCT DESCRIPTION	N.C. Primer Surfacers is a special primer based on nitrocellulose and alkyd resins. The product has been designed to have optimum balance between sandability, water resistance and hold out of the topcoat.
RECOMMENDED USES	Special primer for nitrocellulose system application. Suitable for wooden furniture work, steel surfaces, for automobiles.

TECHNICAL DATA

COLOUR, DRY FILM	White and Grey
FINISH, DRY FILM	Smooth / Matt
VOLUME SOLIDS (ASTM D2697)	44 ± 2%
SPECIFIC GRAVITY	1.32 ± 0.05
THEORETICAL SPREADING	12.5 – 10 M ² /LTR
RECOMMENDED DFT (DRY FILM)	35 – 45 Microns/Coat
RECOMMENDED WFT (WET FILM)	80 – 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	15 – 30 minutes
DRY TO RECOAT	3 – 4 hours
HARD DRY	4 – 5 hours

ADVANTAGES

NATIONAL N.C. PRIMER SURFACER	Quick drying, excellent sandability, good water resistance, better hold out of topcoat, easy to apply.
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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	Roller, Brush or Spray
CLEANING/THINNING	National Lacquer Thinner
THINNER (VOLUME)	10 – 15% depending on the application method
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure: 2000 – 2300 psi
NOZZLE SIZE	0.017” – 0.021”
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	: 1 coat
	National N.C. Putty or Polyester Putty	: 2 coats
	National N.C. Primer Surfacer	: 1 coat
	National N.C. Auto Lacquer Topcoat	: 2 coats

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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