



**NATIONALTHANE QUICK DRY
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONALTHANE QUICK DRY

PRODUCT DESCRIPTION	Two pack, colour retentive quick drying polyurethane topcoat, with excellent water, salt and corrosion resistance. The dry film is having excellent adhesion, flexibility and impact resistance on various surfaces. Due to its superior U.V. resistance, it is recommended for interior and exterior applications, even in marine environment.
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RECOMMENDED USES	<ul style="list-style-type: none"> - Topcoat for Epoxy system - Topcoat on steel, wood and masonry - Recommended as topcoat for extreme climatic conditions
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TECHNICAL DATA

COLOUR, DRY FILM	Clear	Colours
FINISH, DRY FILM	Glossy or Matt	Glossy or Matt
VOLUME SOLIDS (ASTM D2697)	33 ± 2%	38 ± 2%
SPECIFIC GRAVITY	0.95 ± 0.05 (Mixed)	1.15 ± 0.05 (Mixed)
THEORETICAL SPREADING	11 M ² /LTR	9.5 M ² /LTR
RECOMMENDED DFT (DRY FILM)	30 Microns/Coat	40 Microns/Coat
RECOMMENDED WFT (WET FILM)	90 Microns/Coat	105 Microns/Coat
FLASH POINT	18°C	18°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	20 – 30 minutes
DRY TO RECOAT	6 – 7 hours
FULLY CURED	2 – 3 days

ADVANTAGES

NATIONALTHANE QUICK DRY SYSTEM	Two pack, quick drying polyurethane, easy to apply, good coverage. Excellent adhesion to various surfaces, flexibility, impact resistance, superior U.V. 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	Brush, Roller or Spray
CLEANING/THINNING	National Polyurethane Thinner
THINNER (VOLUME)	5-15% depending on method of applications
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure : 1500 – 2100 psi
NOZZLE SIZE	0.016” – 0.019”
MIXING RATIO (BY VOLUME)	Base : Hardener 4:1 (Mix properly before use)
POT LIFE @ 30°C (100 ml)	3 – 4 hours

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National Polyurethane Primer	: 1 coat
	(OR)	
	National Polyurethane Wood Sanding Sealer	: 1 coat
	Nationalthane Quick Dry	: 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.
Issued: 0718