



**NATIONAL TENNIS COURT TOPCOAT  
DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

## NATIONAL TENNIS COURT TOPCOAT

<b>PRODUCT DESCRIPTION</b>	National Tennis Court Topcoat is an acrylic emulsion based paint having high quality pigments and inert fillers, to meet the requirements of excellent weather and UV resistances with antichalking property. It has excellent adhesion and resistance to saline and dusty environment. It provides very good mechanical and abrasion properties with very low dirt pick up. It gives very good hiding and leveling also. It contains anti fungal and anti bacterial additives.
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<b>RECOMMENDED USES</b>	Mostly recommended for the applications on tennis court. It can also be used for car parking and curbstone applications. For better results, use National Acrylic Primer (W.B.) one coat prior to apply topcoat. It is suitable for the applications on concrete, plaster, wood, brickwork and masonry work also. It can be used for interior/exterior applications.
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### TECHNICAL DATA

<b>COLOUR, DRY FILM</b>	Green
<b>FINISH, DRY FILM</b>	Smooth / Silk
<b>VOLUME SOLIDS (ASTM D2697)</b>	47 ± 2%
<b>SPECIFIC GRAVITY</b>	1.25 ± 0.05
<b>THEORETICAL SPREADING</b>	11.5 – 9.5 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	40 – 50 Microns/Coat
<b>RECOMMENDED WFT (WET FILM)</b>	85 – 105 Microns/Coat
<b>FLASH POINT</b>	Water Base

### DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
<b>TOUCH DRY</b>	30 – 45 minutes
<b>DRY TO RECOAT</b>	2 – 4 hours
<b>FULL DRY</b>	48 hours



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**ADVANTAGES**

<b>NATIONAL TENNIS COURT TOPCOAT</b>	Excellent adhesion, very good mechanical and abrasion properties, antichalking and long durable, very good hiding and leveling, resistant to saline and dusty atmosphere, excellent UV and weather resistances, highly washable for easy cleaning.
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**APPLICATION INSTRUCTION**

<b>SURFACE PREPARATION</b>	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**

<b>APPLICATION METHOD</b>	Roller, Brush or Spray
<b>CLEANING/THINNING</b>	Water
<b>THINNER (VOLUME)</b>	Max. 10% depends on method of application
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure : 2000 - 2500 psi
<b>NOZZLE SIZE</b>	0.018” – 0.021”
<b>MIXING RATIO (BY VOLUME)</b>	NA
<b>POT LIFE @ 30°c (100 ml)</b>	NA

**SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	National Acrylic Primer (W.B.)	: 1 coat
	National Tennis Court Topcoat	: 2 coats

**ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	18 months, in original sealed container, with proper storage conditions.
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**HEALTH & SAFETY**

<b>SAFETY PRECAUTIONS</b>	Generally, most of the water base paints are quite safe to handle with due precautions. 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. Local safety regulations to be followed.
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**STORAGE & HANDLING**

<b>STORAGE</b>	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 keep 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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