



**TECHNICAL DATA SHEET**

**AMBER POLYURETHANE TOP COAT**

<b>PRODUCT DESCRIPTION</b>	Two packs, color retentive glossy Amber Polyurethane Topcoat, with excellent water resistance, salt and corrosion resistance. The dry film has excellent adhesion to various surfaces, excellent flexibility and impact resistance. U.V. resistance is superior, the product is recommended for interior and exterior applications, even in marine conditions.
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<b>RECOMMENDED USES</b>	<ul style="list-style-type: none"> <li>- Topcoat for textured coating system</li> <li>- Topcoat for Epoxy system</li> <li>- Topcoat on steel, wood and masonry</li> <li>- Recommended as topcoat for extreme climatic conditions</li> </ul>
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**TECHNICAL DATA**

<b>COLOUR, DRY FILM</b>	As per Amber shade card
<b>FINISH, DRY FILM</b>	Smooth, Glossy / Semi glossy / Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	47 ± 2%
<b>SPECIFIC GRAVITY</b>	1.20 ± 0.05 (Mix)
<b>THEORETICAL SPREADING</b>	12 m <sup>2</sup> /Lit.
<b>RECOMMENDED DFT (DRY FILM)</b>	40 Microns / Coat
<b>RECOMMENDED WFT (WET FILM)</b>	85 Microns / Coat
<b>FLASH POINT</b>	25°C

**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>	2 - 3 hrs.
<b>DRY TO RECOAT</b>	2 - 3 hrs.
<b>FULLY CURED</b>	48 hrs.



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### ADVANTAGES

<b>AMBER Polyurethane Topcoat</b>	Two pack system with long pot life, easy to apply, good coverage, adhesion to various surfaces, excellent flexibility, impact resistance, and superior U.V. resistance.
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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>	Brush, Roller or Spray
<b>CLEANING/THINNING</b>	Amber Polyurethane Thinner
<b>THINNER (VOLUME)</b>	5 - 15% depending on method of applications
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure : 2100 psi
<b>NOZZLE SIZE</b>	0.018” – 0.020”
<b>MIXING RATIO (BY VOLUME)</b>	Base : Hardener 4 : 1 (Mix thoroughly keep for 10 - 15 minutes before use)
<b>POT LIFE @ 30°C (100 ml)</b>	8 hours



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### SYSTEM

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	For cementitious surface: No. of coats x DFT (micron)	
	Amber PVA Primer White Tex Primer /Acrylic Primer (W.B.)	1 coat
Amber Nutex (Spray Texture)	1 coat	
Amber Polyurethane Topcoat	2 coats	
For steel and metal surfaces:		
Amber Guard Zinc Phosphate Epoxy Primer (OR)	1 coat	
Amber Guard Epoxy Red Oxide Primer (OR)	1 coat	
Amber Guard Epoxy Red Oxide Primer (OR)	1 coat	
Amber Polyurethane 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>	<ul style="list-style-type: none"> <li>- Ensure good ventilation during application and drying.</li> <li>- Avoid contact with skin and eyes. While painting it is advisable to wear eye protector. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. To remove splashes from skin; use soap and water or a recognized skin cleaner.</li> <li>- Keep out of reach of children.</li> <li>- 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.</li> </ul>
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### STORAGE & HANDLING

<b>STORAGE</b>	The product must be stored according to Amber Regulations. The product should be kept in a cool and well ventilated place, protected from heat and direct sunlight at temp 5 - 35°C. Containers must be kept tightly closed.
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