



TECHNICAL DATA SHEET

AMBER POLYURETHANE TOP COAT

PRODUCT DESCRIPTION	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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RECOMMENDED USES	<ul style="list-style-type: none">• Topcoat for textured coating system• 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	As per Amber shade card
FINISH, DRY FILM	Smooth, Glossy / Semi glossy / Matt
SPECIFIC GRAVITY	47 ± 2%
VOLUME SOLIDS (ASTM D2697)	12 m ² /Lit.
Recommended Thickness	(Dry Film) 40 Microns / Coat (Wet Film) 85 Microns / Coat
FLASH POINT	25°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time).	
TOUCH DRY	2 - 3 hrs.
DRY TO RECOAT	12 hrs.
HARD DRY	48 hours

ADVANTAGES



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AMBER Polyurethane Topcoat	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

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	Amber Polyurethane Thinner
THINNER (VOLUME)	5 - 15% depending on method of applications
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure : 2200 psi
NOZZLE SIZE	0.018" – 0.020"
MIXING RATIO (BY VOLUME)	Base : Hardener 4 : 1 (Mix thoroughly keep for 10 - 15 minutes before use)
POT LIFE @ 30°c (100 ml)	8 hours



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SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	For cementitious surface	
	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 Recommended Suitable Primer	1 coat
	Amber Polyurethane 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	<ul style="list-style-type: none"> - Ensure good ventilation during application and drying. - 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. - Keep out of reach of children. - 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.
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STORAGE & HANDLING

STORAGE	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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