

**AMBER SYNTHETIC VARNISH – GLOSS I**

<b>PRODUCT DESCRIPTION</b>	It is a general-purpose synthetic varnish, based on alkyd resin for architectural decorative clear to wooden, metal, masonry etc. applications. It dries to give flexible, tough, and durable film. It has very good adhesion on interior/exterior surfaces. It is a general-purpose topcoat clear for mild corrosive environments. It is washable and available in Gloss, Semi gloss and Matt finishes.
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<b>RECOMMENDED USES</b>	It is recommended as an architectural decorative varnish for masonry, wood, metal etc. surfaces in domestic and mild corrosive environments applications. It is not suitable for constant water immersion or over coating of zinc primed steel. It is used as a varnish clear on paneling, doors, windows, furniture etc. It is used for only air-drying purpose.
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**TECHNICAL DATA**

<b>COLOUR, DRY FILM</b>	Clear		
<b>FINISH, DRY FILM</b>	Glossy	Semi glossy	Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	42 ± 2%	45 ± 2%	48 ± 2%
<b>SPECIFIC GRAVITY</b>	0.90 ± 0.05	0.92 ± 0.05	0.94 ± 0.05
<b>THEORETICAL SPREADING</b>	16.5 – 14 M2 /LTR	18 – 15 M2 /LTR	19 – 16 M2 /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	25 – 30 Microns/Coat	25 – 30 Microns/Coat	25 – 30 Microns/Coat
<b>RECOMMENDED WFT (WET FILM)</b>	60 – 70 Microns/Coat	55 – 65 Microns/Coat	55 – 65 Microns/Coat
<b>FLASH POINT</b>	38°C	38°C	38°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>	Glossy 8 – 10 hours	Semi glossy 6 – 8 hours	Matt 6 – 8 hours
<b>DRY TO RECOAT</b>	24 hours	24 hours	24 hours
<b>HARD DRY</b>	48 hours	48 hours	48 hours



## TECHNICAL DATA SHEET

### ADVANTAGES

<b>AMBER SYNTHETIC VARNISH – GLOSS I</b>	Very good adhesion and durability, flexible, tough and washable coating, suitable topcoat varnish for mild corrosive environments, decorative finish.
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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, Spray etc.
<b>CLEANING/THINNING</b>	Amber GP Thinner
<b>THINNER (VOLUME)</b>	5 – 10% depends on the method of application
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure: 2000 – 2200 psi
<b>NOZZLE SIZE</b>	0.018” – 0.020”
<b>MIXING RATIO (BY VOLUME)</b>	One pack
<b>POT LIFE @ 30°c (100 ml)</b>	NA

### SYSTEM

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	On Amber recommended system	
	Amber Synthetic Varnish – Gloss I	2 coats



## TECHNICAL DATA SHEET

### 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>	As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and airmask 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 airmask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. This as industrial 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

<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 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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