



TECHNICAL DATA SHEET

AMBER FIRE RETARDANT CLEAR

PRODUCT DESCRIPTION	A solvent synthetic resin base Fire Retardant Clear specially developed to give a clear transparent finish which when applied protects the surface from fire.
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RECOMMENDED USES	Suitable for use on wood and other surfaces making it fire retardant by resisting the fire for a prolonged period.
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TECHNICAL DATA

COLOUR, DRY FILM	Clear, Transparent
FINISH, DRY FILM	Semigloss.
VOLUME SOLIDS (ASTM D2697)	37 % \pm 2
THEORETICAL SPREADING	4 m ² /Lit.
SPECIFIC GRAVITY	0.94 \pm 0.05
DRYING TIME	Touch Dry: 1 - 2 hrs. Recoat Interval: 10 - 12 hrs. Hard Dry: 24 hrs. Temperature, humidity, air movement, film thickness and number of coats will
FIRE RESISTANCE	Direct : 600°C: 30 min. Indirect : 600°C: 1 hrs
FLASH POINT	32°C

APPLICATION INSTRUCTION

SURFACE PREPARATION	Surface should be thoroughly cleaned, dry
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APPLICATION DATA

APPLICATION METHOD	Brush, Roller or Spray.
CLEANING/THINNING	5 - 10% by Amber Thinner No.110.
FILM THICKNESS	(D.F.T.) 100 microns. (W.F.T.) 270 microns.
GUIDING DATA FOR AIRLESS SPRAY	Nozzle Orifice: 0.0017" Nozzle Pressure: 2200 P.S.I

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	Amber Fire Retardant Paint	2 - 3 coats
	Amber Fire Retardant Clear	1 coat
	OR	
	Amber Fire Retardant Clear	3 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.
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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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