

NATIONAL INTUMESCENT PAINT

DESCRIPTION	A special resin base intumescent paint developed for protection from fire. The dried film gives resistance against fire and protection to the base substrate.
RECOMMENDED USE	As an intumescent top coat paint on wood, steel, concrete etc.

TECHNICAL INFORMATION

Colors	White
Finish	Matt or Silky
Solid by Volume %	60 ± 2%
Theoretical Spreading Rate	3 m ² /Lit. per coat.
Specific Gravity	1.20 ± 0.05
Drying Time	Touch Dry: 2 hrs. Recoat Interval: 24 hrs. Hard Dry: 48 hrs. Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
Fire Resistance	Direct : 600°C: 30 min. Indirect : 600°C: 2 hrs.
Flash Point	29°C

SURFACE PREPARATION

Surface should be thoroughly cleaned, dry and primed.

- 1) Apply first a thin coat.
- 2) Apply a second coat.
- 3) Apply a third coat for better fire retardant properties.

APPLICATION DATA

Application Methods	Brush, Roller or Spray.
Thinning (Max. Vol.)	5 - 10% by National Thinner No.110
Film Thickness	(D.F.T.) 200 microns. (W.F.T.) 380 microns.
Guiding Data for Airless Spray	Nozzle Orifice: 0.0017" Nozzle Pressure: 2200 P.S.I. Atomizing Pressure: 50 P.S.I.

MISCELLANEOUS DATA

STORAGE	The product must be stored according to National 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.
HANDLING	Handle with care, mix well before use.
SHELF LIFE	18 months.
SAFETY / HEALTH	<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.
TDS ISSUE No. & DATE	(1) - Jan 2014

NOTE: We warranty the quality of our product and this data sheet represents test results and practical experience obtained under controlled conditions. We reserve the right to change data without prior notice.