

# THERMOPLASTIC FLUORESCENT PAINT

**Product code: PS3130**

## Composition and Application Field

**NOVA Thermoplastic Fluorescent Paint** is a fast drying fluorescent paint formulated using premium acrylic resin to provide excellent purity on the colors. The paint glows when exposed to intense light making it highly recommended as info markers in areas where a more pronounced attention is needed.

Substrates: Steel, concrete, wood

Area of Use: Interior where there is no continuous exposure to sunlight.

## Specification

Finish	: Glossy
Color	: Fluorescent Yellow, Red, Green
Specific gravity	: $0.97 \pm 0.02$ depending on color
Solids (% by volume)	: $35 \pm 2\%$
Diluent	: PT1081XS
Flash point	: 27°C
Spread Rate	: 7 - 14 m <sup>2</sup> /liter at 25 – 50 microns
Drying Time (30° C 50RH)	:
Dry to handle	: 10 minutes
Dry to recoat	: 45 minutes
Recommended DFT	: 50 microns

## Surface Preparation

Always ensure that the surface to be painted must be free of dirt oil and grease. New steel should be cleaned as per requirement of SSPC-SP1. When applied over a fully cured coatings, lightly sand the surface with a fine grit sandpaper, # 320 to # 400 will be enough to provide good adhesion.

## Application Method

Adequate ventilation should ways be observed when applying NOVA Thermoplastic Fluorescent Paint. This will ensure proper drying of the material. Never apply this product in adverse weather conditions such as when the temperature is below 5°C or when the humidity level is above 90%. The surface temperature should always be kept at not less than 3 degree above dew point. In confined spaces constant purging of air during application and drying is necessary to eliminate solvent vapors for reason of health and safety and to assist solvent evaporation

### Application:

The recommended method of application is by airless or air assisted airless spray.

However the product can also be applied using conventional spray or brush. The addition of PT1081XS Thinner depends on the application methods used which is in the range of 10 to 20 percent.

## Paint System

NOVA Thermoplastic Fluorescent Paint		
- NOVA Thermoplastic Matt White	2 coats	70 mic.
- NOVA Thermoplastic Fluorescent Paint	2 coats	50 mic.

\* Recommended system to be applied as per surface preparation, or as per NOVA technical advice.

## Storage and Shelf Life

Under dry and cool condition, storage stability can be sound up to 18 months in original sealed containers.

### Handling

Disposal: As per the guidance and legislations of the local Authority e.g., by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

Flash Point: 27°C and contains Aromatic Hydrocarbons.

Caution: It is strongly advised not to keep open half used drums as it forms a skin on the top layer.

## Safety Precaution

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray. MSDS is available on request for the safe handling of this product.

### First Aid

Eyes: In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

Skin: Wash skin thoroughly with soap and water or approved industrial cleaner. Do not use solvent or thinners.

Inhalation: Move to fresh air, loosen collar and keep patient rested.

Ingestion: In case of accidental ingestion, Do not induce vomiting. Obtain immediate medical attention.