

TECHNICAL DATASHEET

FLUORESCENT PAINTS

PRODUCT DESCRIPTION

Fluorescent Paint is a solvent based coating with special radiant pigments providing reflective finish thereby enhancing surface visibility in low-light conditions.

PRODUCT BENEFITS

- 1- Excellent adhesion
- 2- Good leveling properties
- 3- Excellent weathering properties and UV resistance in different climatic conditions
- 4- Great luminosity & color retention
- 5- Outstanding fluorescent effect/high visibility
- 6- Good resistance to abrasion

RECOMMENDED USES

On interior and exterior surfaces of metal, wood, concrete, masonry, cement etc... in workshops, roads, bridges, parking areas, hangars, billboards, safety warning signals, fire engines, machinery, hospitals.

SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

- 1- Alkaline and acid surfaces should be cleaned and neutralized.
- 2- Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers, paint removers or flame spraying.
- 3- Non-disintegrated paints or glossy surfaces of previous coatings should be roughened slightly with sand paper to ensure good adhesion.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State Viscous Liquid
Color Range Red, Yellow, Green

Specific Gravity, ISO 2811 0.9-0.95 g/cm³

Drying Time, ASTM D5894 1-2 hours
Wet Film Thickness, ISO 2808 100 µm
Dry film Thickness, ISO 2808 50 µm
Recoat Time 4-6 hours

Sag Resistance, ASTM D3730 Excellent
Leveling, ASTM D2801 Excellent

Scratching Resistance, ASTM D3003 Excellent

Chemical Properties

Solids by Weight 54 ±2%
Solids by Volume 60 ±2%

PRIMING/ THINNING/ APPLYING

Prime steel surfaces with Metal Primer as a pre-coating.
Prime Concrete and Wood surfaces with Undercoat solvent based.
Thin with white spirit (5% for brush/roller and spray application). Thickness of paints film depends on condition of surface.

Apply 2-3 coats depending on the color of the product with a dilution of 5%

Clean tools and equipment with solvent immediately after use.

PACKING

In cylindrical tin containers of the following capacities:

- 1 Quart = 0.946 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20L

STORAGE

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.
All details about working with our products should be adapted to prevailing local conditions and materials used.