

## TECHNICAL DATASHEET

# SYNTHETIC PAINT

### PRODUCT DESCRIPTION

A high quality general purpose synthetic paint designed to provide a combination of both protective and decorative properties. A quick drying finish with excellent overall performance and coverage on metal and wood surfaces.

### PRODUCT BENEFITS

- 1- High durability
- 2- Quick drying
- 3- High resistance to chalking
- 4- Excellent weathering resistance
- 5- Good flow and gloss retention
- 6- Great hardness/ flexibility balance.
- 7- Excellent adhesion

### RECOMMENDED USES

It is recommended for metal and wood surfaces and also suitable for the protection and decoration of industrial and heavy duty equipment and vehicles, tanks, structural steel...

### SURFACE PREPARATION

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

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

### PHYSICAL AND CHEMICAL PROPERTIES

#### Physical Properties

Physical State Viscous Liquid

Appearance Glossy Finish

Color Range Refer to our catalogue

Specific Gravity, ISO 2811	0.9 - 1.1 g/cm <sup>3</sup>
Viscosity, ISO 2884	18- 20 poises
Drying Time	30min-1hr to touch
Wet Film Thickness, ISO 2808	100- 150 µm
Dry film Thickness, ISO 2808	60- 90 µm
Recoat Time	2-4 hours
Coverage	35- 45m <sup>2</sup> /US Gallon (depending on the film thickness).

Sag Resistance, ASTM D3730 Excellent  
Leveling, ASTM D2801 Excellent

Scratching Resistance, ASTM D3003 Excellent

## Chemical Properties

Solids by Weight 56- 66 % (depending on the color)  
Solids by Volume 50- 54 % (depending on the color)

## PRIMING/ THINNING/ APPLYING

Prime the surface with synthetic primer.  
Surface can also be primed with 1 - 2 coats of Nitrocellulose or Polyurethane primer.  
Prime steel surfaces with metal primer.

Thin with White Spirit or synthetic thinner depending on the application (up to 30- 40% for spray application).  
Thickness of paint films depends on surface condition.

Apply 2-3 coats depending on the color of the product.

Clean tools and equipment with White Spirit or thinner immediately after use.

## PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1Pail (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.