

## TECHNICAL DATASHEET

# SYNTHETIC PRIMER

### PRODUCT DESCRIPTION

A versatile quick drying primer designed to be applied on interior and exterior wood and metal surfaces to provide great adhesion properties and excellent durability. Ideal before synthetic paints.

### PRODUCT BENEFITS

- 1- Quick drying
- 2- High durability
- 3- Excellent filling properties
- 4- Easy to sand
- 5- Excellent coverage
- 6- Excellent adhesion
- 7- Corrosion resistance

### RECOMMENDED USES

It is recommended for use on metal and wood surfaces and also suitable for industrial and heavy duty equipment and vehicles. It can be overcoated with alkyd based and synthetic systems.

### 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 adhesion.

### PHYSICAL AND CHEMICAL PROPERTIES

#### Physical Properties

Physical State Viscous Liquid

Appearance Matt Finish

Specific Gravity, ISO 2811 1.4 - 1.6 g/cm<sup>3</sup>

Viscosity, ISO 2884 20- 24 poises

Drying Time	1-2hours to touch
Wet Film Thickness	100- 150 µm
Dry film Thickness	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                              75-80 %

Solids by Volume                              50-55 %

## THINNING/ APPLYING

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

Apply 1-2 coats of Synthetic primer. Recoat with synthetic paints or alkyd systems.

Clean tools and equipment with **White Spirit** 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.