

## **TECHNICAL DATASHEET**

# **SYNTHETIC HAMMER**

### **PRODUCT DESCRIPTION**

A quick drying enamel based on synthetic resin. It is especially suitable for machinery, apparatus, etc. where a decorative finish is required. The hammered effect is very suitable for uneven, dented, scratched surfaces etc.

### **PRODUCT BENEFITS**

- 1- Hammer effect finish
- 2- High resistance to climatic conditions
- 3- Good scratching and scrubbing resistance
- 4- Great flow and covering
- 5- Excellent durability
- 6- Perfect adhesion & Color retention
- 7- High temperature stability
- 8- Water repellent finish

### **RECOMMENDED USES**

It can be applied on industrial equipment, machinery, generators, electrical installation and office furniture to provide both decorative and protective properties.

### **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 or paint removers.
- 3- 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 Hammer Finish

Color Range see catalogue

Specific Gravity, ISO 2811 1 g/cm<sup>3</sup>

Drying Time, ASTM D5894 1- 2 hours/coat to touch

Wet Film Thickness, ISO 2808 100- 150 µm

Dry film Thickness, ISO 2808 50- 75 µm

Recoat Time 2-4 hours

Opacity, ISO 6504-3 >90 %

Coverage 35- 40 m<sup>2</sup> (depending on the film thickness)

Sag Resistance, ASTM D3730 Excellent

Leveling, ASTM D2801 Excellent

Scratching Resistance, ASTM D3003 Excellent

## Chemical Properties

Solids by Weight 55 ±2%

Solids by Volume 51±2%

## PRIMING/ THINNING/ APPLYING

Prime the surface with 1 - 2 coats of Synthetic Primer.

Prime steel surfaces with Metal Primer.

Thin with Synthetic Thinner according to the method of application (up to 30%). Thickness of paint films depends on surface condition.

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

Clean tools and equipment with 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.
- 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.