

## SYNTHETIC 2000

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**SYNTHETIC 2000** is a multipurpose synthetic enamel, designed for wood and steel surfaces, suitable for all interior and exterior applications. Synthetic 2000 is high gloss and fast dry synthetic enamel has good hiding power and good weather resistance. It also fast dry, easy to apply and has excellent flow so does not leave brush mark.

### FIELD APPLICATION

Topcoat for steel construction, steel component, and wood substrate for interior or exterior.

### FEATURE & BENEFIT

1. High gloss
2. Excellent flow
3. Fast dry
4. Easy to apply

### PRODUCT SPECIFICATION

Type : One component alkyd enamel  
Color : As shown in the color card  
Finish : Glossy  
Volume solid : 45 ± 2 %  
Specific Gravity : 1.05 ± 0.04 g/cc

### APPLICATION

Substrate : Iron Mild, Steel  
Application condition : 25 – 35 °C, 60 – 80 % RH  
Thinner : Thinner B  
Application method : Air Spray                      Brush / Roll  
Thinning ratio by weight : 30-35%                      15-20%  
Wet film thickness : 90 microns (DFT = 40 microns)  
Dry film thickness : Minimum 2 x 40 microns  
Recommended dry film thickness : 2 x 40 microns  
Recoating interval : Minimum 8 hours (30°C), when the first film already dry  
Maximum 30 days  
Theoretical coverage : 5.6 m<sup>2</sup>/L (DFT = 80 microns)

### FILM PROPERTIES

Drying time : Surface dry = 2 hours (30°C)  
Hard dry = 4 – 5 hours (30°C)

### OTHERS

Storage Stability : Two years if it is stored in cool and dry place, also in its original not opened package. (Do not store below freezing point)

### **SURFACE PREPARATION**

1. All surfaces should be clean, dry and free from contamination.
2. Oil or grease should be removed by solvent cleaning or industrial detergent.
3. Remove the rust with wire brush, sand paper, rust converter ROST X-10.
4. Provide adequate ventilation during application and drying.

### **INSTRUCTION FOR USE**

Prepare one mixture (A+Thinner) as much as needed for application.

First, stir well SYNTHETIC 2000, then add Thinner B and mix until homogen. Apply mixed material using conventional spray. To achieve a smooth surface use a good quality brush or roller. Provide adequate ventilation during application and drying.

### **RECOMMENDED COATING SYSTEM**

Preceding coat : ALKYD PRIMER AP-291  
Subsequent coat :

### **SAFETY PRECAUTION**

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks, and solvent resistance gloves. Use barrier cream.

This product is flammable. Subject to spontaneous heating. Do not smoke. Use only explosion proof equipment. Do not breathe the vapour of spray. Ensure adequate ventilation and fresh air entry during application and drying. If there are experiences eye watering, headaches, dizziness or difficulty breathing, leave the area to obtain fresh air or respiratory protection.

### **FIRST AID**

Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice  
Skin contact : Wash with soap and water. If irritation occurs, seek medical advice  
Ingestion : Provide symptomatic treatment and seek medical advice  
Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration

### **DISCLAIMER**

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