

## 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.

### PRODUCT SPECIFICATION

Type	: One component alkyd enamel
Appearance	: Colored liquid
Color	: As shown in the color card
Finish	: Glossy
Solid content by volume	: $45 \pm 2$ %
Specific Gravity	: $1.05 \pm 0.02$ g/cc
Flash Point	: 35°C
Drying time	: Touch dry : 2 hours (30°C) Hard dry : 4 hours (30°C)
Packing	: 0.9 lt. in steel can

### 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%                              15%
Wet film thickness	: 90 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

### SURFACE PREPARATION

1. The surface must be clean, dry, and free from rust, dust, oil, grease and other contaminants with appropriate method (wire brush, sand paper, rust converter ROST-X 10).
2. For optimal use on steel where good resistant to corrosion is needed, it is recommended to apply appropriate primer before applying this coating.

### APPLICATION CONDITION

Temperature	: Minimum 25°C Maximum 35°C
Humidity maximum	: 80% RH

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