

## COATING DATA

### DESCRIPTION:

AC 301 Exterior Wood Primer is a premium quality primer and surfacer specially formulated for very high performance and easy application. AC 301 is an oil-based, alkyd primer pigmented with stain, mold, and mildew blocking pigments. It is capable of being applied in a thick film to allow for sanding to achieve a smooth surface. It is formulated free of lead, mercury, and strong solvents.

### USE:

As a primer for exterior wood surfaces. This product is extremely blister resistant and will inhibit staining by tannins, mold, or mildew.

### AC 301 Exterior Wood Primer

- Excellent stain blocking.
- Excellent surfacing for enamel holdout.
- Free of lead, mercury, or other toxic pigments.
  - Inhibits rust on metal surfaces.
  - Extremely blister resistant.

### LIMITATIONS:

This primer also is rust inhibitive when applied to carbon steel surfaces. Do not apply below 45°F (7°C).

### SURFACE PREPARATION:

Surface should be dry and free of all dirt, oil, laitance and other contaminants. New work should be prepared as follows:

**New Wood**—Lightly sand and countersink and putty nail heads. Remove all surface contaminants, mold, and mildew which may discolor and inhibit adhesion. Use two coats of AC 301 Exterior Wood Primer over knots, tannin stains, or staining woods such as red cedar.

### COVERAGE:

Theoretical—738 ft<sup>2</sup> per gallon at 1.0 mil dry film thickness.

### DRY FILM THICKNESS:

1.5 to 2.5 mils per coat.

### WET FILM THICKNESS:

4.0 to 5.6 mils.

## APPLICATION DATA

### APPLICATION:

MIX THOROUGHLY BEFORE USE.

**Airless Spray**—Use .013-.017 tip; maintain 1500-2000 psi operating air pressure.

**Conventional Spray**—Follow instructions of equipment manufacturer for the application of latex paints.

**Roll**—Use a high quality, short nap synthetic roller cover. Avoid overspreading. **Brush**—Use a high quality, natural bristle brush.

### THINNING:

Thin as necessary with W-1012 Mineral Spirits or Induron K-1036 Spraying Thinner.

### CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is above 45°F (7°C) and is expected not to decrease for at least two hours after application. Also, the substrate temperature must be 5°F above the dew point for a period of at least two hours after application to avoid film defects caused from condensation occurring on wet paint.

### DRY TIME:

TO HANDLE—90 min@50F, 45 min@70F, 20 min@90F

TO RECOAT—8 hours @50F, 6 hours @70F, 3 hours @90F

**Note:** Lower temperature, higher film build, and/or poor ventilation will retard dry time.

### PHYSICAL DATA:

VOLUME SOLIDS: 46% ± 1%

SOLIDS BY WEIGHT: 62% ± 1%

WEIGHT PER GALLON: 10.2 ± .2 lbs/gallon

VOLATILE ORGANIC CONTENTS:

Mixed unthinned - < 4.0 lbs/gallon; < 465 grams/liter

Mixed thinned - < 4.1 lbs/gallon; < 490 grams/liter

### SAFETY DATA:

This product is formulated free of lead, chromates, mercury or other toxic pigments. See product label for safety and health information. Individual Material Safety Data Sheets are available upon request.