

### PRODUCT DESCRIPTION

**Generic:** Oil-Hydrocarbon Resin

**General Description:** A ready-to-use solvent base aluminum finish that dries to a bright chromium-like film that retains its gloss for years. Excellent resistance to corrosion and high sun temperatures. For interior and exterior applications. Heat resistant up to 400°F (204°C) when used on unpainted metal.

**Typical Uses:** Structural steel, tank exteriors, piping, machinery, fences, decorative metal, highway sign markers, bridges, implements.

### SPECIFICATION DATA

**Color:** Aluminum

**Finish:** Metallic Aluminum

**Clean-up Solvent:** Mineral Spirits or VM&P Naphtha

**Weight/Gallon:** 7.48 lbs./gal. (0.90 kg/L)

**VOC:** 4.15 lbs./gal. (498 g/L)

**Solids By Volume:** 34% ± 2%

**Theoretical Coverage at 1.0 Mil Dry:** 540 sq. ft./gal. (13 m<sup>2</sup>/L)

**Practical Coverage:** Apply at 270-540 sq. ft./gal. (7-13 m<sup>2</sup>/L). Actual coverage may vary depending on substrate and application method.

**Recommended Film Thickness:** 1.0-2.0 mils (25-50 microns) dry - 3.0-5.9 mils (75-148 microns) wet

**Systems:** Please consult the appropriate system guide, the particular job specification or your ICI Paints Representative for proper systems using this product. Systems must be selected considering the particular environment involved.

**Dry Time @ 77°F (25°C) & 50% RH:**

To touch - 2 hours

To handle - 6-9 hours

To recoat - Overnight

Ventilation, film thickness, humidity, thinning and other factors can influence the rate of dry

**Warning:** The above table provides general guidelines only. Always consult your ICI Paints Representative for appropriate recoat windows since the maximum aged recoat time of this product may be significantly shortened or lengthened by a variety of conditions, including, but not limited to humidity, surface temperature, and the use of additives or thinners. The use of accelerators or force curing may shorten the aged recoat of individual coatings. The above recoat windows may not apply if recoating with a product other than those listed above. If the maximum aged recoat window is exceeded, please consult your ICI Paints Representative for appropriate recommendations to enhance adhesion. Failure to observe these precautions may result in intercoat delamination.

**Shelf Life:** 1 year minimum - unopened

### FEATURES

**Advantages:**

- Interior or exterior usage
- Protects against atmospheric corrosion
- Excellent flow and leveling
- High hiding
- Easy application - brush, roll or spray
- Heat resistance up to 400°F (204°C) on bare metal
- Performance alternate for Federal Specification TT-P-38E

### PERFORMANCE DATA

**PROPERTY**

Service Temperature Limit  
Flame Spread Rating:

**TEST METHOD**

ASTM E 84

**RESULTS**

400°F (204°C) in air  
Class A (0-25) over non-combustible surfaces.

**DANGER! FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED.** Read label and Material Safety Data Sheet Prior to Use. See other cautions on last page. DSF3-0696

## GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean, and free of oil, grease, dirt, mildew, form release agents, curing compounds, efflorescence, loose and flaking paint and other foreign substances.

**New Surfaces: Steel** - May be applied directly to bare steel. However, for maximum corrosion protection, prime with DEVGUARD™ 4160 or 4360 primer. For high heat applications, prime with this product. **Galvanized Metal and Aluminum**- Prime with DEVGUARD 4160 or 4360 primer. **Wood** - Interior, prime with PREP & PRIME® 1120 primer. Exterior, spot prime knots with PREP & PRIME 2000 primer. Prime entire surface with PREP & PRIME 2110 primer. **Drywall** - Prime with PREP & PRIME GRIPPER® 3210 primer. **Concrete, Plaster and Masonry**- Cure at least 30 days before painting. pH must be 10.0 or lower. Remove laitance and roughen unusually slick poured or pre-cast concrete by acid etching or abrasive sweeping. Follow acid manufacturer's application and safety instructions. Rinse thoroughly with water and

allow to dry. Remove loose aggregate. Interior, prime with PREP & PRIME GRIPPER 3210 primer. Exterior, prime with PREP & PRIME HOUSE 2000 primer. Fill block with BLOXFIL® 4000 filler or PREP & PRIME 3010 filler.

**Previously Painted Surfaces:** Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Scrub heavy chalk exterior areas and overhead areas such as eaves with soap and water. All existing mildew must be removed by washing with a solution of 16 oz. (473 ml) liquid household bleach and two oz. (59 ml) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. Prime bare areas with primer specified under **New Surfaces**. Prime severely weathered exterior surfaces with PREP & PRIME 2110 primer. Surfaces in good condition generally may be done with one coat.

## DIRECTIONS FOR USE

**Tinting:** Do not tint.

**Spreading Rate:** Apply at 270-540 sq. ft./gal. (7-16 m<sup>2</sup>/L) or 3.0-5.9 mils wet (1.0-2.0 mils dry). Actual coverage may vary depending on substrate and application method.

**Application:** Mix thoroughly before use. May be applied by brush, roll or spray. No thinning required. Brushing and rolling may require multiple coats to achieve correct film thickness and/or hiding. For airless spray use a .013" tip. Adjust pressure as needed.

Do not apply in damp weather or when surface or air temperature is below 40°F (4°C). Two coats will provide best durability and uniformity.

**Dry Time (ASTM D 1640):** At 77°F (25°C) and 50% R.H., dries to touch in two hours, to handle in six to nine hours, and to recoat overnight. Low temperature, high humidity, thick films or poor ventilation will increase these times.

**Clean-up:** Clean immediately with mineral spirits or VM&P Naphtha.

## PRECAUTIONS

**DANGER! FLAMMABLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD - CAN ENTER LUNGS AND CAUSE DAMAGE. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. OVEREXPOSURE MAY CAUSE LIVER, KIDNEY DAMAGE. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. DANGER - Rags, steel wool or waste soaked with \*\*\*\*\* may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. NOTICE: Products in this series contain solvents.** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. For emergency information call (800) 545-2643. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.** Keep away from heat, sparks and flame. **Do not** smoke. Vapors may ignite. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. Avoid contact with eyes and skin. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin, then wash again with soap and water. Repeated applications may be needed. Remove contaminated clothing. For eye contact, flush immediately with large amounts of water, for at least 15 minutes. **Obtain emergency medical treatment.** If swallowed, **obtain medical treatment immediately.** If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, get medical help. **KEEP FROM FREEZING.**

DS194-1003

## SHIPPING

**Flash point:** 70°F (21°C)  
**Packaging:** 1 gallon (3.785L)  
 5 gallons (18.925L)

**Shipping Weight:** 4 gallon case - 44 lbs. (20.0 kg)  
 5 gallon pail - 54 lbs. (24.5 kg)

4308-9020 (05/07)  
 Ad Stock #68696B



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