



WEATHERPROOF ALUMINUM PAINT 164

Features

- Possesses outstanding hiding and leafing properties
- Can be applied to large areas without brush or lap marks
- Excellent resistance to moisture, weather, and industrial fumes
- One coat covers most surfaces; two coats provide greater durability and longer wear
- Produces a beautiful, metallic finish of exceptional brilliance and great durability

Recommended For

Residential or commercial applications where a premium quality finish is desired. For new and previously painted exterior or interior wood, metal, and cured masonry surfaces that are not subject to abrasion. Can withstand up to 600°F temperature over suitable substrates requiring no primer.

General Description

Benjamin Moore® Weatherproof Aluminum Paint (164) produces a beautiful, metallic pigmented finish of exceptional brilliance and great durability. It has excellent hiding and spreads easily, while it protects metal and wood surfaces with a weatherproof film.

Limitations

- Do not apply when air and surface temperatures are below 50°F (10°C)
- Aluminum pigment may rub off; should not be used on surfaces that are subject to frequent contact.

Product Information

Colors — Standard:

Aluminum

— Tint Bases:

Not available

— Special Colors:

Not Available

Certification:

VOC compliant in all regulated areas

Technical Assistance:

Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com, or consult your local Yellow Pages.

Technical Data[◇]

Brilliant Metallic

Vehicle Type Linseed Coumarone Indene

Pigment Type Aluminum

Volume Solids 43%

Coverage per Gallon at
Recommended Film Thickness 650 – 700 Sq. Ft.

Recommended Film – Wet 2.4 mils
Thickness – Dry 1.0 mils

Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.

Dry Time @ 77°F – To Touch 3 Hours
(25°C) @ 50% RH – To Recoat Overnight

Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.

Dries By Oxidation

Viscosity < 50 KU

Flash Point Flammable

Gloss / Sheen Metallic

Surface Temperature – Min. 50°F
at Application – Max. 90°F

Thin With Do Not Thin

Clean Up Thinner Mineral Spirits

Weight Per Gallon 7.79 lbs

Storage Temperature – Min. 40°F
– Max. 90°F

Volatile Organic Compounds (VOC)

436 Grams/Liter 3.64 Lbs./Gallon

[◇] Reported values are for Aluminum. Contact Benjamin for values of other bases or colors

Surface Preparation

Surfaces to be painted should be clean, dry, and free from oil, grease, and dirt. Clean bare metal with mineral spirits or Benjamin Moore® Oil & Grease Emulsifier (P83) to remove contaminants. Remove all loose rust and scale from rusted metal with scraper and wire brush, or by sandblasting.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Primer/Finish Systems

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results, tint the primer to the approximate shade of the finish coat, especially when a significant color change is desired. **Special Note:** Certain custom colors require a Deep Color Base Primer tinted to a special prescription formula to achieve the desired color. Consult your retailer.

Wood:

Finish: 1 or 2 coats Benjamin Moore® Weatherproof Aluminum Paint (164)

Masonry, New and Unpainted (Including Unglazed Brick):

Poured and precast concrete must be allowed to cure for 30 days; block construction should be allowed to cure for 30 days. All surfaces must be thoroughly prepared by removing the laitance and all loose particles.

Primer: Super Spec® Masonry Interior/Exterior 100% Acrylic Masonry Sealer (N/066)

Finish: 1 or 2 coats Benjamin Moore® Weatherproof Aluminum Paint (164)

Ferrous Metal (Steel and Iron): All ferrous metal surfaces must be wiped with mineral spirits or cleaned with Benjamin Moore® Oil & Grease Emulsifier (P83) to remove contaminants. Solvent and rags should be changed frequently.

Finish: 1 or 2 coats Benjamin Moore® Weatherproof Aluminum Paint (164)

Non-Ferrous Metal (Galvanized & Aluminum): All new metal surfaces must be thoroughly cleaned with Super Spec HP® Oil & Grease Emulsifier (P83) to remove contaminants. Solvent and rags should be changed frequently. New shiny non-ferrous metal surfaces that will be subject to abrasion should be dulled with very fine sandpaper or a synthetic steel wool pad to promote adhesion.

Primer: Super Spec HP® Acrylic Metal Primer (P04)

Finish: 1 or 2 coats Benjamin Moore® Weatherproof Aluminum Paint (164)

Repaint, All Substrates: Prime bare areas with the primer recommended for the substrate above.

Application

Stir contents of can until mixture is smooth and uniform. Stir occasionally during use, enough to keep the metallic flakes in suspension. Apply one or two coats. For best results, use a Benjamin Moore® custom blended nylon/polyester or china bristle brush, Benjamin Moore® roller, or a similar product. This product can also be sprayed. A full, flowing coat produces the best results.

Do not thin. Do not paint when temperature of air is below 50°F (10°C), nor on damp or rainy days.

Spray, Airless: Fluid Pressure—1,500 to 2,000 PSI***

Tip—.013. Orifice

*** The overspray from aluminum paints will drift for long distances. Use the lowest pressure that provides satisfactory atomization. Do not spray this coating in windy conditions.

Thinning/Cleanup

Do not thin.

Clean brushes and equipment with mineral spirits.

USE COMPLETELY OR DISPOSE OF PROPERLY. This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Save unused product for touch up purposes or a household hazardous waste collection program. Dry, empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state designated environmental agency on disposal options.**

DANGER - RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER USE. PLASE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.

Environmental, Health & Safety Information

DANGER!

FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL

Contains: Petroleum Distillates, Stoddard Solvent

HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT

NOTICE: Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Keep away from heat and flame. Use only with adequate ventilation. Vapors are heavier than air and may travel along ground or may be moved by ventilation and ignited by pilot lights, or other flames, sparks, heaters, or static discharge. Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. To avoid breathing vapors or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor levels are above the applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. Close container after each use.

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, immediately flush with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF FIRE – Use foam, CO₂, dry chemical or water fog. **SPILL** – Absorb with inert material and dispose of as specified under “Thinning/CleanUp”.

**KEEP OUT OF REACH OF CHILDREN
KEEP FROM FREEZING**

**Refer to Material Safety Data Sheet for
additional health and safety information.**