



Valspar® Direct-To-Metal Acrylic

Semi-gloss

GENERAL DESCRIPTION

Valspar® Direct to Metal Acrylic Paint helps protect metals like iron, steel and aluminum indoors and out from rust and corrosion. Ideal for railings, furniture and metal doors.

PRODUCT FEATURES

- Long-lasting corrosion and rust resistance
- Outstanding adhesion to iron, steel, aluminum and more
- Exceptional gloss and color retention
- Excellent chemical resistance
- 100% acrylic formula

WHERE TO USE

Properly prepared interior and exterior iron, steel, galvanized metal, aluminum, wood, masonry, and drywall.

SHIPPING AND PACKAGING

Freight Classification:

Paint or paint related material.
Protect from freezing.

Packaging:

1 Gallon

COMPOSITION

Base and Fill Levels

Tintable with Hydrochroma colorant

(oz./gal.)

Extra White	124
Neutral	116

APPLICATION AND CLEANUP

Apply at temperatures between 50°F and 110°F.
Maximum relative humidity 85%.

Reduction not recommended

Airless Spray:

Pressure: 1500 PSI
Tip: .017-.021 inch
Filter: 60 mesh

Brush: Nylon-polyester

Roller Cover: 1/4-3/8 inch woven

Application:

Due to this product's fast dry performance, brushing should be limited to small areas where a wet edge can be maintained.

When applying by spray, use a 50% overlap with each pass of the fun to avoid bare areas and pinholes. If necessary, cross spray at a right angle.

Apply at the recommended film thickness.
Application above or below recommendation may adversely affect coating performance.

Cleanup:

Clean spills, spatters, hands and tools immediately after use with soap and clean warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

PRODUCT SPECIFICATIONS

Vehicle Type: 100% Acrylic

Viscosity: 95-105 Krebs Units

Sheen: Semi-Gloss

Flashpoint: N/A

VOC: < 50 g/L as per 40 CFR 59.406

Volume Solids: 40 ±2%

Weight Solids: 51 ±2%

Weight Per Gallon: 10.20 lbs./gal

Coverage Per Coat: 160-267 sq. ft. per gallon

Coverage may vary with the substrate. Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Recommended Film Thickness:

Wet mils: 6.0 – 10.0

Dry mils: 2.4- 4.0

Dry Time @ 77 °F and 50% Relative Humidity

Tack free: 45 minutes

Recoat: 1 hour

Drying and recoat times are temperature, humidity, and film thickness dependent.

Shelf Life: 36 months, unopened

STORAGE AND DISPOSAL

Do not freeze. Keep container closed when not in use. Do not transfer contents to other containers for storage or disposal. In case of spills, absorb with inert material such as sand or kitty litter. Dispose of empty container or unused portion in accordance with local, state and federal regulations.



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SURFACE PREPARATION

Surfaces must be clean, dry and dull prior to application. Sand glossy surfaces dull. All dust should be removed. Stains from water, smoke, ink, pencil, grease etc. should be sealed with the appropriate primer. Any surface preparation short of removal of the old coating may compromise the service length of the system. The Valspar Direct to Metal Acrylic Primer may be used for maximum performance.

Do not use hydrocarbon solvents for cleaning

Iron & Steel: Remove all rust by hand tool cleaning per SSPC-SP2 and remove oil and grease by solvent cleaning per SSPC-SP1. For best performance use commercial blast cleaning per SSPC-SP6 with a sharp, angular abrasive. Application of coating on unprimed steel may cause pinpoint rusting. Prime with Valspar Direct to Metal Acrylic primer for maximum durability, adhesion, and corrosion protection.

Galvanized Metal: Allow to weather for 6 months and solvent clean per SSPC-SP1. If weathering is not possible or surface has been treated with chromates or silicates, solvent clean per SSPC-SP1 and apply a test area. Test adhesion after one week dry time. If adhesion is poor, brush blast per SSPC-SP16.

Aluminum: Remove all contaminants by solvent cleaning per SSPC-SP1.

Wood: Sand weathered areas to fresh wood. Scrape, fill nail holes, and sand. Prime with appropriate wood primer.

Masonry, Aggregate, Block, Plaster: Allow concrete, mortar and plaster to cure for 30 days at 75°F. Brick must weather one year. Remove any loose mortar, dust and contamination per SSPC-SP13. Remove form release compounds and curing membranes by brush blasting. Prime with appropriate primer.

Drywall: Prime with appropriate drywall primer

Clean Mildew from the Surface:

Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting, or it will grow through any new coat of paint. To

remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover following manufacturer's safety instructions.

LEAD WARNING

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. Clean up carefully 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.

WARRANTY

SATISFACTION GUARANTEE – LIMITED

WARRANTY: If this product, when applied and maintained according to product application and maintenance instructions to a properly prepared surface, fails to perform to your complete satisfaction, manufacturer shall, upon presentation of proof-of-purchase to the store where the product was purchased, either replace an equivalent quantity of product free of charge or refund the original purchase price. This warranty shall not apply to any defect or damage resulting from improper surface preparation, structural defects, environmental damage, failure of a previous product, deterioration or defect in the underlying substrate or improper application or maintenance of the product. This is your sole remedy under this warranty. **THIS WARRANTY EXCLUDES (1) LABOR OR COSTS ASSOCIATED WITH LABOR FOR THE APPLICATION OR REMOVAL OF ANY PRODUCT, AND (2) ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, PUNITIVE, OR INDIRECT DAMAGES. ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL HAVE THE SAME DURATION AS THE ABOVE EXPRESS WARRANTY.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. Valsparpaint.com/1-877-VALSPAR



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CAUTIONS

Protect from freezing.

Non-photochemically reactive.

Before using, carefully read
CAUTIONS on label.

CRYSTALLINE SILICA Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (**NIOSH** approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

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