



HPC/Industrial Maintenance

SPEEDHIDE® Interior/Exterior Aluminum Paint

Generic Type

Modified Oleoresinous Varnish

Tinting and Base Information

Do Not Tint
6-230 Aluminum

General Description

Recommended to finish interior and exterior metal or wood where a metallic finish is desired, SPEEDHIDE Aluminum Paint can be used for machinery, pipes, structural steel or other equipment in industrial environments. May be used to coat metals where the surface temperatures reach up to 500 deg F (260C).

Recommended Uses

Metal
Wood

Features / Benefits

Heat Resistant to 500° F
Excellent Adhesion to Wood and Metal
Ready-Mixed Aluminum Color

Limitations of Use

Apply when air, surface and product temperatures are above 50° F (10° C), and surface temperature is at least 5° F (3°C) above the dew point. Avoid exterior application late in the day when dew and condensation are likely to form or if rain is threatening. Not recommended for immersion service. Formulated for professional application only.

Product Data

Gloss: Eggshell to Semi-Gloss
VOC*: 4.12 lbs/gal 494.00 g/L
Coverage: 450 to 600 sq ft/gal (42 to 56 sq. m/3.78L)
Note: Does not include loss due to varying application method, surface porosity, or mixing.
DFT: 1.0 minimum to 1.3 maximum
Weight/Gallon*: 7.6 lbs. (3.5 kg) +/- 0.2 lbs. (91 g)
Volume Solids*: 36.5% +/- 2%
Weight Solids*: 46.2% +/- 2%
Clean-up: Leptyne Paint Thinner 21-263

Results will vary by color, thinning and other additives.

*Product data calculated on full formula

Drying Time:

To Touch: 3 hours
To Handle: 6 hours
To Recoat: 18 hours

Dry Time @77°F (25°C); 50% relative humidity

In Service Temperature:

Dry Heat (F): 500° Dry Heat (C): 260°

Flash Point: 87°F, (30.6°C)

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General Surface Preparation

Surfaces to be painted must be free of loose paint, dirt, grease, mildew, rust, loose mill scale and other surface contamination. Follow SSPC-SP2 for hand cleaning of metal as a minimum for surface preparation. Dry and bare surfaces should be spot primed with the proper metal or wood primer, following surface preparation recommendations and recoat times stated on the primer label. On exterior surfaces, remove and inhibit regrowth of mildew by using Mildew Check Multi-Purpose Wash, 18-1, by Pittsburgh Paints. Before use, be sure to read and follow the instructions and warnings on the label.

NEW WOOD: New wood should be sanded smooth and wiped clean. Any knots or resinous areas should be sealed before painting.

Countersink all nails. Putty flush with surface, then prime.

PREVIOUSLY PAINTED WOOD: All excessive chalking must be removed and the surface rinsed thoroughly. Remove all loose, peeling, or flaking paint by scraping or sanding. Feather back all rough edges to sound surface by sanding. Prime all bare wood areas.

METAL: Rust and other surface contaminants must be removed from ferrous metals, aluminum, copper, brass, and galvanized steel. Then the surface cleaned thoroughly to remove any dust.

GALVANIZED STEEL: Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting or chemical treatment.

Heat resistance to 500°F requires near white metal blast per SSPC-SP10.

Recommended Primers

Exterior Wood	6-809, 6-9, 17-21
Galvanized Steel	6-209, 90-712
Interior Wood	6-855, 6-6, 17-21
Ferrous Metal	6-208, 6-212, 90-712
Aluminum	6-204, 90-712

Application Information

Recommended Spread Rates:

Wet Mils :	2.7 minimum to	3.6 maximum
Wet Microns:	68.6 minimum to	91.4 maximum
Dry Mils :	1.0 minimum to	1.0 maximum
Dry Microns:	25.4 minimum to	33.0 maximum

Application Equipment: Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions.

Conventional Spray: Graco 210-961 Series A or equivalent. 0.070" (1.78 mm) cap, 0.061" (1.55 mm).

Airless Spray: Pressure 2000 - 2500 psi, tip 0.015 - 0.023"

Brush: Polyester/Nylon Brush

Roller: Not Recommended.

Thinning:

DO NOT THIN.

Directions for Use

Stir thoroughly before using and frequently during use. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 100°F	10 to 38°C
Substrate:	50 to 100°F	10 to 38°C

PPGAF believes the technical data presented in this bulletin is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date information visit our web site or call 1-800-441-9695

Packaging: 1-Gallon (3.78L) 5-Gallon (18.9L)

Not all products are available in all sizes.



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Additional copies of this bulletin can be obtained from our web site or by calling 1-800-428-7806.

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