



HPC/Industrial Maintenance

SPEEDHIDE® Int/Ext Zinc Chromate Metal Primer

Generic Type

Alkyd Resin

Tinting and Base Information

DO NOT TINT.

6-204

Yellow

General Description

Recommended for properly prepared aluminum, and ferrous metal, SPEEDHIDE® Zinc Chromate Metal Primer can be used on both interior and exterior surfaces. This product provides resistance to normal atmospheric corrosive action and is recommended as a field applied primer coat or intermediate coat. For metal substrates only.

Recommended Uses

Aluminum
Ferrous Metal

Features / Benefits

Excellent Adhesion
Corrosion-Resistant in Normal Atmospheric Conditions
Performance Offset to Federal Standard TT-P-0645
MPI category #95, Quick Dry Primer for Aluminum

Limitations of Use

Apply when air and surface temperatures are above 45°F (7°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 intended for use as a finish coat or for immersion service. Allow primer to dry 24 hours before applying water based topcoats. Drying times listed may vary depending on temperature, humidity and air movement. DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information.

Product Data

Gloss:	Flat
VOC*:	3.20 lbs/gal 384.00 g/L
Coverage:	450 to 550 sq ft/gal (41 to 51 sq. m/3.78L)
<i>Note: Does not include loss due to varying application method, surface porosity, or mixing.</i>	
DFT:	1.5 minimum to 1.8 maximum
Weight/Gallon*:	11.4 lbs. (5.2 kg) +/- 0.2 lbs. (91 g)
Volume Solids*:	50.5% +/- 2%
Weight Solids*:	72% +/- 2%
Clean-up:	Paint Thinner

Results will vary by color, thinning and other additives.

*Product data calculated on 6-204

Drying Time:

To Touch:	3 to 4 hours
To Handle:	8 to 10 hours
To Recoat:	Overnight
Dry Time @77°F (25°C); 50% relative humidity	

Pot Life: N/A

Flash Point: 104°F, (40°C)

General Surface Preparation

The surface to be coated must be dimensionally stable, dry, clean, and free of oil, grease, release agents, curing compounds, and other foreign materials. The service life of the coating is directly related to the surface preparation. Surface must be free from dirt, grease, rust, loose mill scale and other contamination. Finish coatings may be spray applied after primer has dried at 77°F (25°C) and 50% relative humidity. However, for best results, allow overnight drying. It is recommended that the primer not be left untopcoated for an extended period of time. Finish coats should be applied as soon as possible after primer has dried. Drying time listed may vary, depending upon temperature, humidity and degree of air movement. Remove and inhibit regrowth of mildew on exterior surfaces by using PPG MILDEW CHECK® Multi-Purpose Wash, 18-1. Before use, be sure to read and follow the instructions and warnings on the MILDEW CHECK® Multi-Purpose Wash label. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a properly fitted NIOSH-approved respirator and prevent skin contact 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 USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

ALUMINUM: Solvent Clean per SSPC-SP1 to remove grease and oils.

FERROUS METAL: Rust and other surface contaminants must be removed. Then the surface thoroughly cleaned to remove all other contaminants.

Recommended Primers

Application Information

Recommended Spread Rates:

Wet Mils :	3.0 minimum to	3.5 maximum
Wet Microns:	76.2 minimum to	89.0 maximum
Dry Mils :	1.5 minimum to	1.8 maximum
Dry Microns:	38.1 minimum to	45.7 maximum

Application Equipment: Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Conventional Spray: Graco 210-961 Series A or equivalent. 0.070" cap, 0.061 " needle, 40 - 50 psi.

Airless Spray: Pressure 2000 psi, tip 0.015" - 0.021"

Brush: Polyester/Nylon Brush

Roller: 3/8" - 3/4" nap roller cover.

Thinning:
DO NOT THIN.

Directions for Use

Stir thoroughly before using and frequently during use. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in 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:	60 to 90°F	16 to 32°C
Ambient:	45 to 105°F	7 to 41°C
Substrate:	45 to 130°F	7 to 54°C

Packaging: 1-Gallon (3.78L)

Not all products are available in all sizes. All containers are not full-filled.

PPGAF believes the technical data presented 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 technical information, visit our web site or call 1-800-441-9695.



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