



HPC/Industrial Maintenance

MetalCase™ ShopCoat Primers

Generic Type

Tinting and Base Information

Alkyd Resin

DO NOT TINT.

General Description

Recommended for interior and exterior use as a shop primer on ferrous metal where fast-drying properties are desired. Good resistance to normal atmospheric corrosive action. For Professional Use Only; Not Intended for Household Use.

94-231	Red
94-232	Gray
94-233	Black

Recommended Uses

Ferrous Metal

Features / Benefits

- Excellent Adhesion
- Recommended for interior and exterior use
- Fast drying
- Use on ferrous metal substrates
- Rust Inhibitive

Limitations of Use

Apply when air, surface and product temperatures are above 50°F (10°C). This product must be topcoated. Extended period before topcoating may affect performance. 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: 0 to 10 (60° Gloss Meter)
VOC*:	2.79 lbs/gal 335.00 g/L
Coverage:	400 to 500 sq ft/gal (37 to 46 sq. m/3.78L)
<i>Note: Does not include loss due to varying application method, surface porosity, or mixing.</i>	
DFT:	1.8 minimum to 2.3 maximum
Weight/Gallon*:	12.5 lbs. (5.7 kg) +/- 0.2 lbs. (91 g)
Volume Solids*:	57% +/- 2%
Weight Solids*:	78% +/- 2%
Clean-up:	Mineral Spirits

Results will vary by color, thinning and other additives.

*Product data calculated on 94-231

Drying Time:

To Touch:	20 minutes
To Handle:	1 hour
To Recoat:	1 hour
Dry Time @77°F (25°C); 50% relative humidity	

Flash Point: 73°F, (22.8°C)

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General Surface Preparation

Surface to be primed must be properly prepared, dry, clean, and free of all contamination. SSPC-SP2 Hand Tool or SSPC-SP3 Power Tool Clean is minimum. For best performance, SSPC-SP6 (NACE #3) Commercial Blast Cleaning is recommended. 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.

Recommended Primers

none See Surface Preparation

Application Information

Recommended Spread Rates:

Wet Mils :	3.2	minimum to	4.0	maximum
Wet Microns:	81.3	minimum to	101.6	maximum
Dry Mils :	1.8	minimum to	2.3	maximum
Dry Microns:	45.7	minimum to	58.4	maximum

Application Equipment: Apply with a high quality brush, paint pad, or by spray equipment. Where necessary, apply a second coat and allow each coat to dry thoroughly before applying the next coat. 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:

Airless Spray: Pressure 1700 psi, 0.011" - 0.019" tip

Brush: High Quality Natural Bristle 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:	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

Packaging: 5-Gallon (18.9L)

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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