



HPC/Industrial Maintenance

MULTIPRIME®EFD Epoxy Fast Dry Inhibitive Primer

Generic Type

Polyamide-Epoxy Two Component

General Description

MULTIPRIME®EFD Epoxy Fast Dry Inhibitive Primer is a fast drying primer for use over properly prepared metal surfaces. This product can also be used as a high build intermediate over zincs and other primers.

Tinting and Base Information

Do not tint

94-109

Gray Primer

94-128

Component B Catalyst

Recommended Uses

Aluminum
Ferrous Metal
Galvanized Steel

Features / Benefits

Fully 2.8 VOC compliant
Fast drying primer- recoat in two hours
Meets the requirements of UL1332 organic coating for steel enclosure for outdoor use electrical equipment when topcoated with Pitthane Ultra.
Low Temperature Cure -- cures down to 40°F (4.4°C)

Limitations of Use

Apply only when air and substrate temperatures are above 40°F (4.4°C) and the surface is at least 5°F (3°C) above the dew point. Avoid painting late in the day when dew or condensation can form or rain is threatening. Drying times listed may vary depending on temperature, humidity, color and air movement. For Professional Use Only; Not Intended for Household Use.

Product Data

Gloss:	Flat
VOC*:	2.80 lbs/gal 340.00 g/L
Coverage:	163 to 245 sq ft/gal (15 to 22 sq. m/3.78L)
<i>Note: Does not include loss due to varying application method, surface porosity, or mixing.</i>	
DFT:	4.0 minimum to 6.0 maximum
Weight/Gallon*:	12.6 lbs. (5.7 kg) +/- 0.5 lbs. (227 g)
Volume Solids*:	61.0% +/- 2%
Weight Solids*:	77.7% +/- 2%
Mix Ratio:	One part Comp. A to one part Comp. B
Clean-up:	PPG 97-725 Epoxy Thinner

Results will vary by color, thinning and other additives.

*Product data calculated on mixed 94-109

Drying Time:

To Touch:	30 minutes
To Handle:	2 hours
To Recoat:	2 hours
Dry Time @77°F (25°C); 50% relative humidity	

Pot Life:	8 hours
Induction Time:	30 minutes
In Service Temperature:	
Dry Heat (F): 250°	Dry Heat (C): 121°

Flash Point:	94-109 55°F, (12.8°C)
	94-128 62°F, (16.7°C)
	94-112 59°F, (15.0°C)

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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. **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: The recommended surface preparation is Commercial Blast Clean per SSPC-SP6. The minimum surface preparation is Hand Tool or Power Tool Clean per SSPC-SP2 or SP3.

GALVANIZED STEEL: Solvent Clean per SSPC-SP1 to remove grease and oils. If any oxidation (white rust) has formed, sand and remove all forms of contamination. **If the galvanized has been passivated or stabilized, the surface must be abraded, i.e. Brush-Off Blast Clean per SSPC-SP7 or chemically treat the surface.**

HPC Systems in Detail Brochure (H10788) Coating Systems 69-HD, 70-HD, 71-HD

Recommended Primers

none

See Surface Preparation

Directions for Use

Agitate both components thoroughly before blending. Add equal volumes of Epoxy Fast Dry Inhibitive Primer Component A to 94-128 Component B Catalyst and blend well. Allow to digest for 30 minutes at paint temperature of 70°F (21°C) or more before using.

Permissible temperatures during application:

Material:	70 to 85°F	21 to 29°C
Ambient:	40 to 100°F	4.4 to 38°C
Substrate:	40 to 120°F	4.4 to 49°C

Application Information

Recommended Spread Rates:

Wet Mills :	6.5	minimum to	10.0	maximum
Wet Microns:	165.1	minimum to	254.0	maximum
Dry Mills :	4.0	minimum to	6.0	maximum
Dry Microns:	101.6	minimum to	152.4	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: JGA or PMBC 510 gun with E tip and needle, 777 air cap. A 64 air cap may be used to reduce dry spray on larger parts.

Airless Spray: Min. 2000 psi, 0.015" - 0.017" tip.

Brush: Not Recommended

Roller: Not Recommended

Thinning:

Not required.

Packaging: 1-Gallon (3.78L)

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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