



VZ-108D

VINYL-TYPE ZINC-RICH PRIMER

TECHNICAL PRODUCT BULLETIN

PRODUCT DESCRIPTION AND USES

VZ-108D is an organic, zinc-rich primer for direct application to properly prepared steel surfaces.

VZ-108D is a three component material and must be properly mixed with all three components in the proper ratios or the primer will not exhibit adhesion. This material is approved by the U.S. Army Corps of Engineers in the following coating systems at the indicated DFT:

System No. 3-A-Z

1st Coat:	VZ-108D	2.5
2nd Coat:	V-766E WHITE	1.5
3rd Coat:	V-102E	1.5
4th Coat:	V-102E	<u>1.0</u>
	TOTAL	6.5

System No. 5-A-Z

1st Coat:	VZ-108D	2.5
2nd Coat:	V-766E WHITE	1.5
3rd Coat:	V-103C	1.5
4th Coat:	V-103C	<u>1.0</u>
	TOTAL	6.5

System No. 5-C-Z

1st Coat:	VZ-108D	2.5
2nd Coat:	V-106D DARK	1.5
3rd Coat:	V-106D LIGHT	1.5
4th Coat:	V-106D DARK	<u>1.5</u>
	TOTAL	7.0

System No. 5-E-Z

1st Coat:	VZ-108D	2.5
2nd Coat:	V-766E GRAY	1.5
3rd Coat:	V-766E WHITE	1.5
4th Coat:	V-766E GRAY	<u>1.5</u>
	TOTAL	7.0

PRODUCT DATA

VOC Content:
Impacted Immersion Coating

Type of Material:
Vinyl Co-Polymer

Volume Solids:
20.2%

Estimated Coverage:
324 sq. ft./gal. @ 1 mil DFT

Recommended Film Thickness:
2.5 mils DFT per coat

Method of Application:
Spray

Number of Coats:
One

Thinner and Clean Up Solvent:
Use appropriate Vinyl Thinner

Shelf Life:
1 year minimum @ 75°F

Pot Life:
8 days

Dry Time:
8 days max. to recoat @ 75°F; can be recoated when tack free

Flash Point:
65°F minimum closed cup

Color and Gloss:
Reddish gray; Matte

Mixing Ratio:
See Mixing Instructions on Reverse

DIRECTIONS FOR USE

SURFACE PREPARATION:

Immersion—A “White Metal Blast Cleaning” in accordance with SSPC-SP5 specifications is recommended.

MIXING AND APPLICATION INSTRUCTIONS:

WARNING—THIS PAINT WILL NOT ADHERE TO STEEL SURFACES UNLESS COMPONENT B IS ADDED. Remove 3 ounces of bottled Component B(silane) from the Component C(zinc dust) container and add to the base paint while it is being vigorously agitated with a power driven stirrer and continue the stirring until the zinc dust has been dispersed. The mixed paint shall, at some point, be strained through a 30 - 60 mesh screen to prevent zinc dust slugs from reaching the spray gun nozzle. The paint shall be stirred continuously during application at a rate that will prevent settling. If spraying is interrupted for longer than 15 minutes, the entire length of the hose shall be whipped vigorously to redisperse the zinc. If the spraying is to be interrupted for more than an hour, the hose shall be emptied by blowing the paint back into the paint pot. Thinning will **NOT** normally be required when ambient temperatures are below about 80°F, but when the ambient and steel temperatures are higher, methylisoamyl ketone(MIAK) or methyl isobutyl ketone(MIBK) should be used. If paint is kept covered at all times, its pot life will be about 8 days.

The use of proper thinner is required and is based upon temperatures as follows:

Above 70°F; MIAK
50 - 70°F; MIBK
Below 50°F; MEK

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