



V-102E

ALUMINUM PAINT
VINYL TYPE
READY MIXED

PRODUCT DESCRIPTION AND USES

V-102E is a single package, ready mixed, vinyl finish coat for ferrous surfaces subject to intermittent immersion in fresh water or to prolonged condensation. This material is approved by the U.S. Army Corps of Engineers in their following coating systems at the indicated DFT:

System #3

1st Coat	V-766E White	1.5
2nd Coat	V-766E Gray	1.5
3rd Coat	V-102E	1.5
4th Coat	V-102E	1.5
Minimum Total DFT		6.0

System #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	1.0
Minimum Total DFT		6.0

PRODUCT DATA

VOC Content:
Imparted Immersion Coating

Type of Material:
Vinyl Co-Polymer

Volume Solids:
18.8% by volume; 29.6% by weight

Estimated Coverage:
301 sq. ft. @ 1 mil DFT

Recommended Film Thickness:
1.0 to 1.5 mils DFT per coat

Method of Application:
Spray preferred

Number of Coats:
Two

Thinner and Clean Up Solvent:
Approved Vinyl Thinner

Shelf Life:
1 year minimum @ 75°F

Pot Life:
Indefinite

Dry Time: (3 days for immersion)
Recoat when preceding coat is tack free

Flash Point:
40°F closed cup

Color and Gloss:
Aluminum; Eggshell

Mixing Ratio:
Single Component

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SURFACE PREPARATION

V-102E should only be applied over properly prepared and primer surfaces. V102E is not meant to be used as a primer directly applied to steel surfaces.

APPLICATION INSTRUCTIONS

V-102E can be applied when preceding coat is tack free and firm to the touch.

SPRAY EQUIPMENT:

Conventional—Paint pressure pot with double regulators and moisture trap, DeVilbiss MBC-510 gun with “E” tip and needle, 765 air cap. 1/2” ID material hose, 5/16” air hose.

MIXING

Material should be thoroughly mixed with mechanical agitation prior to use.

Thinning may be required in an amount of up to 25%. If steel and ambient temperatures are above normal, thinning up to 40% is acceptable.

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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