



V-766E

VINYL-TYPE WHITE (OR GRAY) PAINT

TECHNICAL PRODUCT BULLETIN

PRODUCT DESCRIPTION AND USES

V-766E is a self-priming, non-toxic, multi-coat system developed for use in water immersion and severe atmospheric conditions. This material is approved by the U.S. Army Corps of Engineers in the 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
Minnum DFT		<u>6.0</u>

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
Minnum DFT		<u>6.5</u>

System #4

1st Coat	V-766E White	1.5
2nd Coat	V-766E Gray	1.5
3rd Coat	V-766E White	1.5
4th Coat	V-766E Gray	1.5
5th Coat	V-766E Gray	1.5
Minnum DFT		<u>7.5</u>

System #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	1.0
Minnum DFT		<u>6.5</u>

System #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	1.5
Minnum DFT		<u>7.0</u>

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PRODUCT DATA

VOC Content:

Impacted Immersion Coating exemption

Type of Material:

Vinyl Co-Polymers

Volume Solids:

19.72%

Estimated Coverage:

316 sq. ft./gal @ 1 mil DFT theoretically

Recommended Film Thickness:

1.5 mils DFT per coat

Method of Application:

Spray preferred

Number of Coats:

As required for systems listed

Thinner and Clean Up Solvent:

Appropriate Vinyl Thinner

Shelf Life:

1 year minimum from DOM @ 75°F

Pot Life:

Indefinite

Dry Time: (3 days to immersion)

Repeat when preceding coat is tack free

Flash Point:

40°F minimum closed cup

Color and Gloss:

White and Gray; Semi-gloss

Mixing Ratio:

Single Component

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SURFACE PREPARATION

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

Non-Immersion: A blast approaching white metal is recommended.

APPLICATION INSTRUCTIONS

Apply only over properly prepared surfaces and on recommended primer. Apply by brush around rivet heads and welds, then spray apply system in alternating colors. Allow three hours between coats. Flush spray equipment before and after use with vinyl thinner.

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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