



V-106D

VINYL-TYPE
RED OXIDE PAINT
(LIGHT OR DARK)

TECHNICAL PRODUCT

PRODUCT DESCRIPTION AND USES

V-106D is a self-priming, non-toxic, multi-coat vinyl 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 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>
Minimum DFT (mils)		7.0

System No. 5-D

1st Coat	V-106D Dark	1.5
2nd Coat	V-106D Light	1.5
3rd Coat	V-106D Dark	1.5
4th Coat	V-106D Light	1.5
5th Coat	V-106D Dark	<u>1.5</u>
Minimum DFT (mils)		7.5

V-106D is considered an Impacted Immersion Coating and is exempt from EPA VOC Regulations when used for these type structures.

PRODUCT DATA

VOC Content:
Impacted Immersion Coating

Type of Material:
Vinyl Copolymers

Volume Solids:
19.36%

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

Recommended Film Thickness:
1.5 - 2.0 mils DFT per Coat

Method of Application:
Spray Preferred

Number of Coats:
As Required for Chosen System

Thinner and Clean Up Solvent:
Use Appropriate Vinyl Thinner

Shelf Life:
1 Year from DOM Minimum

Pot Life:
Indefinite

Dry Time:
3 days to Immersion @ 75°F

Flash Point:
40°F Minimum Closed Cup

Color and Gloss:
Red Oxide (Dark and Light); Semi-Gloss

Mixing Ratio:
Single Component

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SURFACE PREPARATION

Immersion: A "White Metal Blast Cleaning" in accordance with SSPC-SP5 Specification is recommended.

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

APPLICATION INSTRUCTIONS

Apply only over properly prepared surfaces and/or recommended primer. Apply by brush around rivet heads and welds, then spray apply system in alternating colors. Flush spray equipment before and after use with MEK or other ketone thinner.

V-106D can be applied over preceding coat after it has become tack free or 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 mixed thoroughly 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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