



# V-103C

PAINT  
VINYL-TYPE  
BLACK

## TECHNICAL PRODUCT BULLETIN

### PRODUCT DESCRIPTION AND USES

**V-103C** is a ready-mix vinyl paint intended primarily for use on ferrous surfaces subject to intermittent or continuous immersion in fresh water.

**V-103C** is extremely durable in exterior atmospheric exposure.

**V-103C** should only be used as a finish coat and should never be applied directly to steel surfaces.

This material is approved by the U.S Army Corps of Engineers in the following coating system at the indicated DFT:

#### SYSTEM 5-A-Z

|              |                     |
|--------------|---------------------|
| VZ-108D      | 2.5 MILS            |
| DFT          |                     |
| V-766E WHITE | 1.5 MILS            |
| DFT          |                     |
| V-103C       | <del>1.5 MILS</del> |
| DFT          |                     |
| V-103C       | 1.0 MILS            |
| DFT          |                     |
|              | 7.0 MILS DFT        |

### PRODUCT DATA

VOC Content:  
**Imparted Immersion Coating**

Type of Material:  
**Vinyl Copolymer**

Volume Solids:  
**18.5**

Estimated Coverage:  
**297 sq. ft. per gal. @ 1.0 Mil DFT theoretical**

Recommended Film Thickness:  
**1.5 mils DFT per coat**

Method of Application:  
**Spray Preferred**

Number of Coats:  
**2 normally**

Thinner and Clean Up Solvent:  
**Use appropriate Vinyl Thinner**

Shelf Life:  
**One year from DOM**

Pot Life:  
**Unlimited**

Dry Time:  
**3 days for immersion**

Flash Point:  
**40°F**

Color and Gloss:  
**Black; semi gloss**

Mixing Ratio:  
**Single component**

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## SURFACE PREPARATION

**V-103C** should only be applied over properly prepared and primer surfaces. **V-103C** is not meant to be used as a primer directly to steel surfaces.

## APPLICATION INSTRUCTIONS

**V-103C** 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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