



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 NO. 5-A-Z

VZ-108D	VINYL ZINC RICH PRIMER	2.5 MILS DFT
V-766E	WHITE VINYL	1.5 MILS DFT
V-103C	BLACK VINYL	1.5 MILS DFT
V-103C	BLACK VINYL	<u>1.0 MILS DFT</u>
	TOTAL	6.5 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

PHONE: (757)899-3807

FAX: (757)899-3907

IndMar Coatings Corp.

P.O.Box 456
Wakefield, VA 23888
indmar@earthlink.net
www.indmarcoatings.com

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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