

VC 17m

Antifouling

Thin film Antifouling



PRODUCT DESCRIPTION

VC 17m is VC's world famous innovation in the field of drag reduction antifouling. The original antifouling with "non-stick" technology. Metallic copper powder is added to VC 17m's thin fluoro microadditive film to create a hard, super-smooth antifouling coating. Its fluoro microadditive based film shrugs off marine growth, and the exceptional surface smoothness means boat speeds can actually increase by as much as 10%.

PRODUCT INFORMATION

Color	V105E-Original, V106E-Blue, V107E-Red, V105U-Original, V106U-Blue, V107U-Red, V103U-Black
Finish	Matt
Specific Gravity	1.024
Volume Solids	6.75%
Mix Ratio	As supplied
Typical Shelf Life	2 yrs
VOC (As Supplied)	737 g/lt
Unit Size	1 US Quart

DRYING/OVERCOATING INFORMATION

	Drying					
	50°F (10°C)		73°F (23°C)		95°F (35°C)	
Touch Dry [ISO]	5 mins		3 mins		2 mins	
Immersion	20 mins		15 mins		10 mins	

	Overcoating					
	Substrate Temperature					
	50°F (10°C)		73°F (23°C)		95°F (35°C)	
	Min	Max	Min	Max	Min	Max
Overcoated By						
VC 17m	10 mins	-	10 mins	-	10 mins	-

APPLICATION AND USE

Preparation	<p>PREVIOUSLY PAINTED SURFACES with VC 17m Surface must be clean and dry prior to application of VC 17m. Sand areas that are loose or flaking with 320 grade (grit) paper. Clean with Special Thinner 216. Conventional antifouling paints, removals is best but if this is not possible, start sanding with 80 grade (grit) paper and progressively sand with finer grades until the final sanding with 320 grade (grit). Remove sanding residue.</p> <p>BARE FIBERGLASS It is very important that bare fiberglass be properly prepared to prevent delamination of the antifouling paint. Remove mold release wax using one of the following Interlux products, Fiberglass Surface Prep YMA601 or Fiberglass Solvent Wash 202 following the product label instructions. Fill any surface imperfections with Interlux Watertite following the label instructions. After the surface has been properly prepared follow the application system below. Sand with 320 grade (grit) paper.</p> <p>BARE WOOD Wipe clean. Sand surface with 120 grade (grit) paper. Wipe clean. Apply VC 17m directly or if a primer is desired apply 4-5 coats of InterProtect 2000E</p> <p>STEEL/LEAD (Keels & Hulls) Blast to near white metal surface (Sa 2½). Apply 4-5 coats of InterProtect 2000E.</p>
Method	Apply 2-3 coats on the area to be coated per season. Do not sand between coats of VC 17m.
Hints	<p>Mixing Pour the powder (stored under the plastic hat) into the can. Stir or shake thoroughly.</p> <p>Thinner Special Thinner 216.</p> <p>Airless Spray Electric Airless Spray: Pressure: Full. Tip Size: 1.5-1.8 mm/60-70 thou. If spraying in hot, dry conditions or outside with wind, you can add VC 17m Thinner to VC 17m to slow down the dry time during application. Add up to 15% by volume. Spraying too far from the hull will cause dry spraying which will result in poor adhesion and negatively affect the antifouling performance of the product. Spraying of antifouling paints is prohibited in Canada.</p> <p>Brush Do not brush apply.</p> <p>Roller Use a short nap (1/8 or 1/4 inch) roller. Add Special Thinner 216 up to 10% should VC 17m be drying too quickly for application. Put just enough paint to fill the roller in the roller tray and put the lid back on the can.</p> <p>Other Surfaces previously painted with VC 17m do not need to be sanded. Performance of the paint relies directly on the care taken in surface preparation, the application technique, and the number of coats applied. VC 17m is a copper color at application. It is important for performance to ensure that uniform film is achieved and the recommended number of coats are applied.</p> <p>Sanding When sanding antifouling paint use a vacuum sander that is attached to a properly maintained industrial</p>

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vacuum with HEPA filters; if hand sanding of antifouling paint is necessary, wet sand only. Wear the proper Personal Protective Equipment. Never burn-off old antifouling paints.

Some Important Points

It takes several weeks of immersion to develop final color. It may not change color above the true waterline. Product temperature should be minimum 10°C/50°F and maximum 32°C/90°F. Ambient temperature should be minimum 7°C/45°F and maximum 35°C/95°F. Substrate temperature should be minimum 7°C/45°F and maximum 35°C/95°F.

Compatibility/Substrates

Apply to clean, dry, properly prepared surfaces only. Bare surfaces must be sanded. Do not apply VC 17m over graphite antifoulings. Do not apply over soft antifouling paints. Do not apply VC 17m over aluminum.

Number of Coats

2-3

Coverage

(Theoretical) - 407.6 ft²/gal

Recommended DFT per coat

0.3 mils

Recommended WFT per coat

4 mils

Application Methods

Roller, Airless Spray (Electric)

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

TRANSPORTATION:

VC 17m should be kept in securely closed containers during transport and storage.

STORAGE:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of VC 17m to be realized ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight.

Safety

DISPOSAL: Container Disposal: Triple Rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state or local authorities. Pesticide Disposal: Open dumping is prohibited. Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by Federal, state, or local disposal authorities. GENERAL: Read the label safety section for Health and Safety Information, also available from our Technical Help Line. Contains biocides.

IMPORTANT NOTES

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