

VC Performance Epoxy

Antifouling

Hard, Slick, Semi-Gloss White Finish



PRODUCT DESCRIPTION

VC Performance Epoxy is a two part fluoro microadditive bearing epoxy that has a hard, slick finish ideal for use on the underwater surfaces of high performance powerboats and racing sailboats. The fluoro microadditive adds lubricity and eases wet sanding and burnishing. VC Performance Epoxy's hard, stain-resistant finish is also ideal for rack-stored and trailer boats or boats that are kept in the water not requiring antifouling protection. VC Performance Epoxy has no antifouling or foul release properties.

PRODUCT INFORMATION

Colour	V127
Finish	Semi-gloss
Specific Gravity	1.07
Volume Solids	45%
Mix Ratio	1:1 by volume (as supplied)
Converter/Curing Agent	V128
Typical Shelf Life	2 yrs
VOC (As Supplied)	550 g/l
Unit Size	1 US Quart, 1 US Gallon

DRYING/OVERCOATING INFORMATION

	Drying					
	10°C (50°F)		23°C (73°F)		35°C (95°F)	
Touch Dry	3 hrs		2 hrs		2 hrs	
Immersion	7 days		4 days		3 days	
Pot Life	6 hrs		5 hrs		4 hrs	

Note: Maximum Immersion Times are as follows: 10-35°C/50-95°F - 60 days

Overcoated By	Overcoating Substrate Temperature					
	10°C (50°F)		23°C (73°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max
VC Performance Epoxy	6 hrs	24 hrs	5 hrs	24 hrs	4 hrs	24 hrs

APPLICATION AND USE

Preparation

BARE FIBERGLASS Begin by scrubbing well using soap and water and a stiff brush. Rinse with fresh water. Wipe with Fiberglass Solvent Wash 202.

CLEAR EPOXY Begin by scrubbing well using soap and water and a stiff brush. Rinse with fresh water. Wet sand with 80 grade (grit) paper. Wash down with fresh water. Wipe with Fiberglass Solvent Wash 202.

BARE METAL Sandblast or grind to bright metal finish. Immediately apply Viny-Lux Primewash 353/354 thinned 25% with Viny-Lux Solvent 355. Allow to dry for 1-24 hours.

Method

Apply 3 coats of VC Performance Epoxy. VC Performance Epoxy is designed for spray application but can be applied by brush and rollers.

Hints

Mixing Mix base and curing agent thoroughly at the specified ratio. Allow 45 mins at 50°F/10°C and 30 mins above 77°F/25°C for induction.

Thinner Reducing Solvent 2316N.

Thinning Thin, if necessary, after induction.

Cleaner Bare Fiberglass - Fiberglass Solvent Wash 202. Epoxy - Fiberglass Solvent Wash 202.

Airless Spray Pressure: 142-170 bar/2100-2500 psi Tip Size: 0.48-0.53 mm/19-21 thou.

Conventional Spray Pressure Pot: Pressure: 3.44-4.08 bar/50-60 psi - gun pressure; 8-15 psi pot pressure. Tip Size: 1.4-1.5 mm/55-60 thou. Siphon Cup: Pressure: 3.06-4.08 bar/45-60 psi. Tip Size: 1.4-1.5 mm/55-60 thou.

Other If fairing is necessary, use Interprotect Watertite between 1st and 2nd coats of VC Performance Epoxy and then apply 3 coats of VC Performance Epoxy over the Interprotect Watertite.

Some Important Points

Product temperature should be minimum 10°C/50°F and maximum 29°C/85°F. Ambient temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Substrate temperature should be minimum 10°C/50°F and maximum 35°C/95°F.

Compatibility/Substrates

VC Performance Epoxy can be applied to gelcoat, bare fiberglass, epoxy and properly primed metal. Apply to clean, dry, properly prepared surfaces only. VC Performance Epoxy can only be applied over two component products that are

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specified for underwater use. If there is any single paint (such as antifouling paint) on the surface, it must be removed and then proceed as with bare surface.

Number of Coats	3-4 as needed
Coverage	(Theoretical) - 4.91 m ² /lt by spray
Recommended DFT per coat	90 microns dry
Application Methods	Airless Spray, Conventional Spray, Brush, Roller

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

TRANSPORTATION:

VC Performance Epoxy 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 Performance Epoxy to be realised 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. Remainders of VC Performance Epoxy cannot be disposed of through the municipal waste route or dumped without permit. Disposal of remainders must be arranged for in consultation with the authorities.

GENERAL:

Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

IMPORTANT NOTES

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