VC Tar2

Primers

Primer for Steel, Alloy and Osmosis

PRODUCT DESCRIPTION

VC Tar2 is a 2-component epoxy primer providing osmosis protection to GRP boats and anticorrosive protection to steel and alloy surfaces. For use below water only.

* Self-levelling to give an excellent finish
* Easy to apply - overcoatable within hours
* No sanding required between coats
* Offers excellent barrier to water for osmosis protection and treatment
* Ideal primer base for all VC antifoulings

PRODUCT INFORMATION

Colour	YEA728-Off White, YEA729-Black Please check availability of full colour range. Not all colours are available in every country.
Finish	Semi-gloss
Specific Gravity	1.18
Volume Solids	61%
Mix Ratio	7:1 by volume (as supplied)
Converter/Curing Agent	YEA730
Typical Shelf Life	2 yrs
VOC (As Supplied)	339 g/lt
Unit Size	1 lt, 2.5 lt

DRYING/OVERCOATING INFORMATION

Drying

	5°C (41°F)	15°C (59°F)	23°C (73°F)
Touch Dry	6 hrs	4 hrs	2 hrs
Pot Life	24 hrs	12 hrs	8 hrs

Overcoating

Overcoated By	Substrate Temperature 5°C (41°F) Min	5°C (41°F) Max	15°C (59°F) Min	15°C (59°F) Max	23°C (73°F) Min	23°C (73°F) Max
VC 17m	24 hrs	14 days	10 hrs	7 days	8 hrs	4 days
VC 17m Eco	24 hrs	14 days	10 hrs	7 days	8 hrs	4 days
VC 17m Extra - Graphite	24 hrs	14 days	10 hrs	7 days	8 hrs	4 days
VC Offshore	12 hrs	24 hrs	6 hrs	12 hrs	3 hrs	6 hrs
VC Offshore EU	12 hrs	24 hrs	6 hrs	12 hrs	3 hrs	6 hrs
VC Tar2	6 hrs	10 days	3 hrs	6 days	2 hrs	3 days

Note: Overcoating times have changed compared to VC Tar. If maximum overcoating times are exceeded, lightly sand the surface before overcoating.

APPLICATION AND USE

Preparation

GRP Use Super Cleaner to clean and fully degrease the surface then sand with 240 grade wet or dry paper. Rinse with fresh water and allow to dry.
OSMOSIS PROTECTION Apply 3-5 coats of VC Tar2.
IMPORTANT: BEFORE APPLYING TO GRP, TEST HULL MOISTURE LEVELS FOLLOWING THE METER MANUFACTURERS GUIDELINES. FURTHER GUIDANCE ON MOISTURE LEVELS CAN BE OBTAINED FROM AN INDEPENDENT SURVEYOR.
OSMOSIS TREATMENT Remove existing paint from the gelcoat. Cut open and sand out all blisters and damaged areas. Leave the hull to dry out (normally 6-8 weeks in the autumn). If possible create a high temperature/low moisture condition for drying out. Once dry, fill in all craters with Watertite and sand smooth (substitute fillers, particularly polyester, are not suitable). Apply 7 coats of VC Tar2. Should you be in any doubt, consult a qualified marine surveyor.
STEEL/IRON Gritblast to Sa 2½. Use angle grinder on small areas. Apply 4 coats minimum of VC Tar2.
ALUMINIUM/ALLOY Clean and degrease with Super Cleaner. Mechanically abrade using aluminium compatible paper or low pressure grit blast using aluminium oxide. Apply 4 coats minimum of VC Tar2.
LEAD Clean and degrease with Super Cleaner. Rub down with an emery cloth or power wire brush. Rinse with fresh water and allow to dry. Apply 3 coats minimum of VC Tar2.

Please refer to your local representative or visit www.yachtpaint.com for further information.

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Method	Stir individual components well before use. Pour Curing Agent (in can under "hat") into Base and stir well. Wait a minimum of 15 mins for the air bubbles to disperse. VC General Thinner may be used (up to 5%) to aid application properties and to clean equipment. For optimum flow, apply paint 15 mins to 4 hours after mixing. Apply the following number of coats: GRP (Osmosis Protection) - 3-5; Previously painted (aged, 2-component only) - 3-4 (NB not to be used over old antifoulings); Steel/Aluminium/Alloy - 4 (min); Lead - 3 (min).
Hints	**Mixing** Stir contents of each part prior to mixing. Pour Curing Agent (in can under "hat") into Base and stir well. Wait a minimum of 15 mins for the air bubbles to disperse. Mix ratio is 7:1 by volume, as supplied. **Thinner** VC General Thinner. **Thinning** Up to 5% thinner may be used to ease application. **Cleaner** VC General Thinner. **Airless Spray** Pressure: 210 bar. Tip Size: 1580-2180. **Conventional Spray** Pressure: 2-3 bar. Tip Size: 1.5-2.0 mm. Thin 20-30% using VC General Thinner. **Other** VC Tar2 takes 5 days to cure fully and the surface may not be scratch resistant until then. Launch the boat according to the recommended launch time of the antifouling applied. Sanding may be required in a dusty environment.
Some Important Points	Do not use below 5°C. Do not apply when there is a chance of condensation forming on the substrate. Do not use above the waterline. Product temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Substrate temperature should be minimum 1°C above dew point and maximum 35°C.
Compatibility/Substrates	Suitable for use with GRP, Steel, Aluminium and Lead.
Number of Coats	3-7. See application section.
Coverage	(Theoretical) - 12.2 m²/l (Practical) - 11.0 m²/l
Recommended DFT per coat	50 microns dry
Recommended WFT per coat	83 microns wet
Application Methods	Airless Spray, Brush, Conventional Spray, Roller

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage	**GENERAL INFORMATION:** Exposure to air and extremes of temperature should be avoided. For the full shelf life of VC Tar2 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. **TRANSPORTATION:** VC Tar2 should be kept in securely closed containers during transport and storage.
Safety	**GENERAL:** Read the label safety section for Health and Safety Information, also available from our Technical Help Line. **DISPOSAL:** Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal. Remainders of VC Tar2 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.
IMPORTANT NOTES	*The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk and we can accept no responsibility for the performance of the product or for any loss or damage (other than death or personal injury resulting from negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.*

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