

PRODUCT DESCRIPTION

Veridian represents a breakthrough in coatings technology, providing a two part (Tie Coat and Top Coat) biocide-free fouling release system.

- * One-pack acrylic sealer/tie coat
- * Easy to apply, one coat, over existing antifouling; although best performance is obtained when old antifouling is removed
- * Provides substrate for application of two-pack silicone Veridian Top Coat

PRODUCT INFORMATION

Colour	YMA156-Grey, YMA157-Clear
Finish	Semi-gloss
Specific Gravity	1.129
Volume Solids	61%
Typical Shelf Life	2 yrs
Unit Size	375 ml 2.5 Lt

DRYING/OVERCOATING INFORMATION

	Drying			
	5°C	15°C	23°C	35°C
Touch Dry [ISO]	5hrs	3hrs	2hrs	1.5hrs

	Overcoating Substrate Temperature							
	5°C		15°C		23°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Veridian	3hrs	7days	3hrs	7days	3hrs	7days	3hrs	7days

Note: At 10°C Veridian Tie Coat will be touch dry after 4hrs. At this temperature it may be overcoated after min. 3 hrs and max. 7 days.

APPLICATION AND USE

Preparation

PREVIOUSLY ANTIFOULED SURFACE:

In Good Condition: Rinse with fresh water and allow to dry. Sand with 80 grade (grit) paper. If old antifouling is incompatible or unknown, seal with Primocon.

In Poor Condition: Use Interstrip to remove all traces of antifouling.

PROPELLERS/ OUTDRIVES:

FACTORY PAINTED SURFACES: If new or undamaged: Wipe surface clean with Thinners no. 3 to remove surface contaminants. Abrade with 80-grade paper. Wipe clean with Thinners no. 3 to remove any sanding residue. Apply the Tie Coat. If minor repairs are required then apply the manufacturer's recommended scheme only.

Previously Antifouled Propellers/Outdrives:

In Good Condition: Rinse with fresh water and allow to dry. Sand with 80 grade (grit) paper. Wipe clean with Thinners No. 3 to remove sanding residue. Apply the Tie Coat.

In Poor Condition: Use Interstrip to remove all traces of antifouling. Follow system for bare metal.

Removal of Veridian Tie Coat from metal surfaces can be achieved by using standard DIY paint strippers (propellers only). : This type of paint stripper is not suitable for use on fiberglass.

BARE ALUMINIUM: Surface preparation is critical. Blast or use an angle grinder to achieve a good key. Wipe surface clean with Thinners No. 3 to remove surface contaminants. Apply the Tie Coat.

PRIMING: All preparation for bare substrates is covered on the appropriate primer datasheet.

BARE GRP: Gelshield 200 for osmosis protection, or Primocon.

STEEL/IRON (not stainless steel): Prime with Interprotect or Primocon.

LEAD: Etch Primer followed by Interprotect or Primocon.

WOOD: Preserve, if required, with Intertox.

ALUMINIUM/ALLOY: Protect the hull by using Interprotect or Etch Primer followed by Primocon. Follow the Interprotect overcoating times specified for antifoulings.

DAMAGED VERIDIAN SCHEME:: Small scratches or imperfections: Veridian Tie Coat is not required for small scratches where the old Tie Coat is still intact. Wipe the surface with Thinners No. 3, allow to dry and immediately apply the Veridian Topcoat. Larger Areas of Damage: Abrade the exposed Tie Coat with 80 grade paper and wipe clean with Thinners No. 3 prior to application of the Tie Coat and Topcoat. Damage down to Exposed Substrate: Reapply the full scheme, as per the procedure specified for the particular substrate.

Method	Apply 1 coat only at a minimum wet film thickness of 125 microns. Complete coverage of the Tie Coat over the substrate is critical to ensure compatibility.
Hints	<p>Mixing Stir well before use.</p> <p>Thinner YTA910,YTA085 Thinners No.3 Thinner 910 (for spray application)</p> <p>Roller High density foam roller is recommended for best application. Thin Veridian Tie Coat as necessary with Thinners No. 3 (10% max) for ease of application.</p> <p>Other For HVLP spray application: Reduce viscosity to 20 seconds, BS4 flow cup with Thinner 910. Pressure: Wall - 80 psi; Cup - 8 psi; Tip - 5 psi. Tip Size: 1.0 mm. The recommended film thickness must be followed as applying the coating too thinly will result in a weakened link to the foul release Topcoat. It is important to follow the overcoating interval recommendations.</p>
Some Important Points	Do not use in high wind. Product temperature should be minimum 5°C/40°F and maximum 35°C/95°F. Ambient temperature should be minimum 5°C/40°F and maximum 35°C/95°F. Substrate temperature should be minimum 5°C/40°F and maximum 35°C/95°F.
Compatibility/Substrates	Do not apply over existing VC 17m antifoulings. The Veridian Scheme is not suitable for use on bronze or mixed alloy propellers, or on stainless steel.
Number of Coats	1 only
Coverage	(Theoretical) - 7.20 (m²/l)
Recommended DFT	
Recommended WFT	138 microns wet WFT = 125-150 microns.
Application Methods	Brush, HVLP Spray, Roller

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage	<p>GENERAL INFORMATION: Exposure to air and extremes of temperature should be avoided. For the full shelf life of Veridian Tie Coat to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/40°F and 35°C/95°F. Keep out of direct sunlight.</p> <p>TRANSPORTATION: Veridian Tie Coat should be kept in securely closed containers during transport and storage.</p>
Safety	<p>GENERAL: Read the label safety section for Health and Safety Information, also available from our Technical Help Line.</p> <p>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.</p> <p>Remainders of Veridian Tie Coat 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.</p>

IMPORTANT NOTES	<p><i>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 or 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.</i></p> <p>X and International are registered trademarks of Akzo Nobel.</p>
------------------------	--

Regional Addresses

Head Office
International Paint Ltd
P O Box 20980
Oriol House
16 Connaught Place
London W2 2ZB
United Kingdom
tel: +44 (0) 171 479 6000
fax: +44 (0) 171 479 6500

European Region
International Paint Ltd
Stoneygate Lane
Felling, Gateshead
Tyne & Wear NE10 0JY
United Kingdom
tel: +44 (0) 191 469 6111
fax: +44 (0) 191 438 3977

Asia Region
International Paint Singapore
(Pte) Ltd
449 Tagore Industrial Avenue
01-03 Hong Joo Industrial
Building
Singapore 787820
tel: +65 6453 1981
fax: +65 6453 1778

Australasia Region
International Paint
115 Hyde Road
Yeronga, Brisbane
Queensland 4104
Australia
tel: +61 (0) 7 3892 8866
fax: +61 (0) 7 3892 4287

North America Region
International Paint Inc
2270 Morris Avenue
Union
New Jersey 07083
USA
tel: +1 (0) 908 686 1300
fax: +1 (0) 908 686 8545

South America Region
International Paint
Rod Rap tavares, KM 18.5
Predio Administrativo 11
Butanta CEP 05577-300
Sao Paulo, Brazil
tel: +55 (0) 11 3789 2000
fax: +55 (0) 11 3789 2200

