

Micron 99

Antifouling

Premium SPC Antifouling for Multi-Season Protection



PRODUCT DESCRIPTION

Micron 99 is an antifouling product effective against fouling organisms; slime, aquatic plants and animals. A Multiseasonal Premium Self Polishing Copolymer (SPC) antifouling suitable for professional application.

The low VOC content helps boatyards to cut solvent emissions and meet SED legislation, and the high surface coverage helps yards to reduce paint usage and labour costs respectively.

PRODUCT INFORMATION

Colour	YBC101-Blue, YBC103-Navy, YBC104-Red , YBC106-Black
Finish	Low Sheen
Specific Gravity	2.1 average
Volume Solids	65% average
Typical Shelf Life	2 yrs
VOC (As Supplied)	300 g/L average
VOC (EU Solvent)	141 g/Kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
Unit Size	5L, 20L
	Not all pack sizes are available in all countries

DRYING/OVERCOATING INFORMATION

	Drying			
	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Touch Dry	60 mins	45 mins	30 mins	20 mins
Immersion	24 hrs	18 hrs	12 hrs	12 hrs

Note: Max. immersion times are as follows: 5-35°C - 12 months

Overcoated By	Overcoating Substrate Temperature							
	5°C (41°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max	Min	Max
Micron 99	8 hrs	ext	6 hrs	ext	4 hrs	ext	3 hrs	ext

APPLICATION AND USE

Preparation

In Good Condition All fouling and contamination must be thoroughly removed including the leached layer. Use close high pressure fresh water wash (3000 psi/207 bar) and/or scraping and wet sanding with typically 80-120 grade paper. If old antifouling is incompatible or unknown, seal with suitable International Paint barrier/sealer coat.

In Poor Condition Remove all loosely adhering and flaking material, feather back all edges and sand all areas. Areas taken back to substrate should be treated as for new work. If old antifouling is incompatible or unknown, seal with suitable International Paint barrier/sealer coat.

PRIMING For suitable primers, consult international-yachtpaint.com or contact your local International Paint Representative.

BARE GRP Degrease with solvent or suitable detergent cleaner. Sand well using 180-220 grade paper. Clean thoroughly and allow to dry completely. Pre-prime using an International primer as detailed for specific coating systems.

STEEL Degrease with solvent or suitable detergent cleaner. Gritblast to Sa 2½ - near white metal surface. If gritblasting is not possible, grind the metal surface with 24-36 grit abrasive discs to a uniform, clean, bright well roughened metal surface 50-75-microns) anchor pattern. Use angle grinder on small areas. Clean thoroughly and allow to dry completely. Pre-prime using an International primer as soon as possible (within 8 hours) as detailed for specific coating systems.

LEAD Degrease with solvent or suitable detergent cleaner.

Sand well using 120 grade paper or power wire brush. Clean thoroughly and allow to dry completely. Pre-prime using an International primer as detailed for specific coating systems.

BARE WOOD/PLYWOOD Sand smooth with 80-180 and then 280 grade paper. Remove sanding dust by brushing, dusting and wiping, or other suitable method. Clean down thoroughly and ensure surface is dry. Prime using an International primer as detailed for specific coating systems.

REFURBISHMENT The first coat of Micron 99 should always be applied over a recommended anticorrosive primer system. The primer surface should be dry and free of all contaminants (oil, grease, salt etc) and overcoated with Micron 99 within the overcoating interval specified for the primer.

REPAIR/UPGRADE Degrease and high pressure wash at 3000psi/207 bar. Repair corroded areas with the

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	recommended anticorrosive primer system.
Hints	<p>Mixing Thoroughly stir until product is mixed to a uniform consistency before use.</p> <p>Thinning Thinning is only necessary to aid application (e.g. in cooler conditions) or to prevent premature skinning (e.g. in warmer/windy conditions). In these circumstances, up to 10% Thinner No. 3 can be added. Care must still be taken to ensure the correct DFT is applied as this is essential for performance.</p> <p>Cleaner GTA007</p> <p>Airless Spray Pressure: 176-210 bar/2500-3050 psi. Tip size: 517 to 521.</p> <p>Ventilation and Humidity Control Ensure adequate ventilation during use.</p> <p>Other Antifouling should only be wet sanded. Never dry sand or burn-off old antifouling. True colour will develop after immersion.</p>
Some Important Points	<p>To prevent premature failure, ensure the correct amount of paint is applied using the coverage as a guide.</p> <p>Product temperature should be minimum 5°C/41°F and maximum 35°C/95°F.</p> <p>Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Substrate temperature should be 3°C/5°F above dew point and maximum 35°C/95°F.</p>
Compatibility/Substrates	<p>For use over suitably primed GRP, Wood, Steel/Iron and lead.</p> <p>Not suitable for use over Aluminium/Alloy substrates or zinc sprayed surfaces.</p> <p>Can be applied direct over most types of antifouling, provided they are in sound condition, with the exception of VC17m/PTFE antifouling. Consult your local International Paint representative for specific overcoating advice if you are unsure about compatibility of Micron 99 over your existing coating scheme.</p>
Number of Coats	<p>By Brush/Roller</p> <p>Apply 2 coats of 65 microns dry for 12 months (Total DFT of 130 microns)</p> <p>Apply 3 coats of 65 microns dry for 24 months (Total DFT of 195 microns)</p> <p>By Spray</p> <p>Apply 1 coat of 130 microns dry for 12 months (Total DFT of 130 microns)</p> <p>Apply 2 coats of 100 microns dry for 24 months (Total DFT of 200 microns)</p> <p>In all schemes, apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges.</p>
Coverage	<p>By Brush/Roller</p> <p>(Theoretical) – 10m²/L per coat</p> <p>(Practical) – 9m²/L per coat</p> <p>By Spray (Professional only):</p> <p>(Theoretical) – 6.7m²/L per coat (for 24 months scheme)</p> <p>(Practical) – 4m²/L per coat (for 24 months scheme)</p> <p>(Theoretical) – 5m²/L per coat (for 12 months scheme)</p> <p>(Practical) – 3m²/L per coat (for 12 months scheme)</p>
Recommended DFT per coat	<p>65 microns dry per coat by brush/roller</p> <p>100 microns dry per coat by spray (for 24 months scheme)</p> <p>130 microns dry per coat by spray (for 12 months scheme)</p>
Recommended WFT per coat	<p>100 microns wet per coat by brush/roller</p> <p>154 microns wet per coat by spray (for 24 months scheme)</p> <p>200 microns wet per coat by spray (for 12 months scheme)</p>
Application Methods	Airless Spray, Brush, Roller

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage	<p>GENERAL INFORMATION:</p> <p>Exposure to air and extremes of temperature should be avoided. For the full shelf life of this product 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.</p> <p>TRANSPORTATION:</p> <p>The product should be kept in securely closed containers during transport and storage.</p>
Safety	<p>GENERAL:</p> <p>Contains biocides. Antifouling should only be wet sanded. Never dry sand or burn-off old antifouling. Read the label safety section for Health and Safety Information, also available from our Technical Help Line.</p> <p>DISPOSAL:</p> <p>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 Micron 99 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 *The information given in this sheet is not intended to be exhaustive. Any person using the product without first making*

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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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