

Micron Optima*

Antifouling

Powerful Water-Based Micron Technology



PRODUCT DESCRIPTION

Micron Optima* contains Micron Technology in a water-based formulation providing excellent multi-seasonal performance in the most challenging fouling conditions. Micron Optima* uses Activated Biolux Technology to block slime and algae. Micron Optima* is low V.O.C. and low odor and being water-based, clean-up is easy. It can be applied over other water-based products and other Microns. Use Micron Optima* on power and sail boats in all waters.

* For use on fiberglass, wood and primed underwater metals (except aluminum)

PRODUCT INFORMATION

Color	YBA953*-Red, YBA973*-Blue, YBA993*-Black
Finish	Matte
Specific Gravity	1.92
Volume Solids	61%
Converter/Curing Agent	Y6600
Typical Shelf Life	3 yrs
VOC (As Supplied)	240 g/lit
Unit Size	1 US Gallon

DRYING/OVERCOATING INFORMATION

	Drying							
	41°F (5°C)		59°F (15°C)		73°F (23°C)		95°F (35°C)	
Immersion	72 hrs		24 hrs		7 hrs		5 hrs	
Touch Dry [ISO]			3 hrs		2 hrs		1 hrs	
Pot Life	2 hrs		2 hrs		2 hrs		1.5 hrs	

	Overcoating							
	Substrate Temperature							
	41°F (5°C)		59°F (15°C)		73°F (23°C)		95°F (35°C)	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Micron Optima*	7 hrs	2 wks	5 hrs	2 wks	4 hrs	2 wks	3 hrs	2 wks

APPLICATION AND USE

Preparation

PREVIOUSLY PAINTED SURFACES

In Good Condition Remove all traces of loose paint and contamination by sanding the entire surface well with 80 grit wet-dry sandpaper. Remove sanding residue.

In Poor Condition Completely remove all old antifouling paint using Interstrip 299E for fiberglass and wood, and by sandblasting to near white metal for steel.

BARE FIBERGLASS It is very important that bare fiberglass be properly prepared to prevent delamination of the antifouling paint. Remove mold release wax using Fiberglass Surface Prep YMA601V following the product label instructions. Fill any surface imperfections with Interlux Watertite following the label instructions. After the surface has been properly prepared follow one of the application systems below.

Bare Fiberglass - No Sanding System Clean the surface following the preparation procedure above. Apply one coat of Interlux Interprotect 2000E. Follow the instructions on the label or product datasheet of the primer used. Following overcoating guidelines for the primer, apply at least two coats of Micron Optima* allowing appropriate drying times.

Bare Fiberglass -Sanding System Clean the surface following the preparation procedure above. Sand with 80 grade (grit) paper. Remove sanding residue. Apply at least two coats of Micron Optima* allowing appropriate drying times.

Bare Fiberglass - Blister Prevention System Clean the surface following the preparation procedure above. Sand with 80 grade (grit) paper. Remove sanding residue. Apply Interprotect 2000E to a thickness of 10 mils.

BARE WOOD Sand with 80 grade (grit) paper. Remove sanding residue. Apply the first coat of Micron Optima* thinned 10% with water. Fill seams, if necessary, with Seam Compound Brown 30. Apply 2 more coats of Micron Optima* unreduced, allowing the appropriate dry times between coats.

UNDERWATER METALS Contact the Interlux Technical Service Department at 1-800-468-7589 for full information on how to properly prime underwater metals. Do not use on aluminum.

Method

Stir contents of each part prior to mixing. Slowly pour Activator into the Antifouling stirring continuously with a flat bladed knife or stirring stick. Leave to stand for 5 minutes for air bubbles to disperse. Apply 2 coats per season on the hull. 3 coats are required on the leading and trailing edges, waterline, rudder and keel. This is important for best performance. To prevent premature failure, ensure correct amount of paint is applied using the coverage as a guide. Take care to

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apply all the paint calculated even if it means applying an extra coat. It is important for performance to apply the correct thickness. If during application the brush pulls or the roller drags, add small increments of water to improve handling (do not add more than 10% by volume). Ideally, leave a small amount of paint unmixed if needed for pad areas. True color will develop after immersion. Clean equipment immediately after painting, using freshwater.

Hints	Mixing Mix only as much as you can use in the stated pot life. Leave to stand for 5 minutes for air bubbles to disperse. Thinner Water. Thin no more than 10%. Roller High density foam roller is recommended for best application.
Some Important Points	DO NOT SPRAY. Contains biocides. Read Health and Safety Data Sheet and/or Safety Precautions section on the label before use. Pad areas should not be painted immediately prior to launch. Do not use in wet or humid conditions. Should it rain during or immediately after application, the coating must be exposed to dry conditions for at least 24 hours before immersion. In cold conditions, <10°C/50°F, 48 hours is recommended. Protect from frost. Sanding When sanding antifouling paint use a vacuum sander that is attached to a properly maintained industrial 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.
Compatibility/Substrates	GRP, Wood, Steel/Iron, Lead. Do not use on Aluminium/Alloy or Zinc sprayed metals. Can be applied direct over most solvent-based antifoulings. Do not apply over soft antifouling paints.
Number of Coats	2-3 by brush/roller Bare Wood: 3 coats (first thinned)
Coverage	(Theoretical) - 496.7 ft ² /gal
Recommended DFT per coat	2 mils dry
Recommended WFT per coat	3.3 mils wet
Application Methods	Brush, Roller

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage	TRANSPORTATION: Micron Optima* 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 Micron Optima* 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. Protect from freezing.
Safety	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 Micron Optima* 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. Contains biocides. Antifoulings should only be wet sanded. Never dry sand or burn-off old antifoulings.
IMPORTANT NOTES	<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 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>

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