Micron 77: Antifouling

Professional SPC Antifouling

PRODUCT DESCRIPTION

Micron 77: is a true SPC (Self Polishing Copolymer) antifouling. The patented Biolux SPC Technology ensures performance for 2 seasons in the harshest fouling conditions and even protects over prolonged stationary periods. Suitable for both fresh and salt water areas, Micron 77: maximises speed and fuel efficiency by continuously smoothing thereby ensuring drag is always minimised.

PRODUCT INFORMATION

Colour	YBA475-Black , YBA477-Blue, YBA478-Red
Finish	Matt
Specific Gravity	1.53
Volume Solids	37%
Typical Shelf Life	2 yrs
VOC (As Supplied)	528 g/lt - 541g/lt
VOC (EU Solvent)	348 g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
Unit Size	4 lt, 10 lt (black only)

DRYING/OVERCOATING INFORMATION

Drying

	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Touch Dry [ISO]	3 hrs	2 hrs	45 mins	30 mins
Immersion	24 hrs	18 hrs	12 hrs	12 hrs

Overcoating

Substrate Temperature

Overcoated By	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 77	12 hrs	ext	8 hrs	ext	6 hrs	ext	4 hrs	ext

APPLICATION AND USE

Preparation

NEWBUILDING Dependant upon yard procedures, consult International Technical Representative.
MAJOR REFURBISHMENT The first coat of Micron 77: 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 77: within the overcoating interval specified for the primer.
REPAIR and UPGRADING APPROVED SYSTEMS Degrease the surface. Clean the entire area with controlled high pressure washing (3000 psi./211 bar). Repair corroded areas with the recommended anticorrosive primer system.
STEEL/ALUMINIUM Contact the International Help Desk for further details on how to properly primer underwater metals.

Method

Ensure the area is clean and dry. Apply Micron 77: by brush, roller or airless spray within the overcoating intervals specified by the primer. Apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges. Take care to apply all the paint calculated even if it means applying an extra coat. For ultimate performance apply a total of 6 mils/150 microns Dry Film Thickness to avoid premature polish through. This may be achieved in 2 coats by spray and 3-4 coats by roller.

Hints

Thinning Do not thin.
Cleaner International Antifouling Thinner #3.
Airless Spray Pressure: 176-210 bar/2500-3050 psi. Tip Size: 2180.
Brush Ensure the total dry film thickness required is achieved. This may require the application of several coats. Apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges.
Roller Ensure the total dry film thickness required is achieved. This may require the application of several coats. Apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges.

Some Important Points

Practical spreading rate will vary with method of application and applicator. A theoretical figure of 2.5m²/lt for airless spray should be reduced by 25% to allow for material wastage to give a practical figure of 1.9m²/lt for the full scheme. Do not use below 5°C/41°F. Product temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Ambient

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

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	temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Substrate temperature should be minimum 5°C/41°F and maximum 35°C/95°F. The substrate temperature must be at least 3°C above the dewpoint to prevent condensation.
Compatibility/Substrates	Not suitable for use over Aluminium/Alloy substrates or zinc sprayed surfaces. For further details regarding overcoating of old tin based antifoulings and/or any other antifouling contact International Technical Representative or ring local country Free Technical Help Line.
Number of Coats	2-3 minimum by airless spray. 3-4 minimum by brush/roller.
Coverage	(Theoretical) - 5 m²/ltby airless spray. 10.00 (m²/lt) by brush/roller. (Practical) - 4 m²/ltby airless spray. 9.00 (m²/lt) by brush/roller.
Recommended DFT	75 microns dryper coat, by airless spray. 40 microns dry per coat, by brush/roller.
Recommended WFT	200 microns wetper coat, by airless spray. 100 microns wet per coat, by brush/roller.
Application Methods	Airless Spray, Brush, Roller

TRANSPORTATION,STORAGE AND SAFETY INFORMATION

Storage	**TRANSPORTATION:** The product 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 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.
Safety	**GENERAL:** Antifoulings should only be wet sanded. Never dry sand or burn-off old antifoulings. 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 this product 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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