

Micron AP

Antifouling

High Strength Self Polishing Antifouling



PRODUCT DESCRIPTION

Micron AP is a high strength antifouling, incorporating Biolux technology, that offers protection in most fouling conditions. Self polishing technology ensures a continuous renewal of the active layer of the paint which results in a hull that stays cleaner for longer and without a heavy build up of old paint. Especially suitable for use in difficult fouling conditions and warmer water conditions.

- * Extended launching times
- * For use on fiberglass, wood and primed underwater metals (except aluminum)
- * Easy application
- * Available in a range of colours
- * Quick drying

PRODUCT INFORMATION

Colour	YBA532-Blue, YBA534-Black
Finish	Matt
Specific Gravity	1.91 average
Volume Solids	60%
Typical Shelf Life	2 years
VOC (As Supplied)	365 g/L average
Unit Size	Blue, Black 4L & 10L

DRYING/OVERCOATING INFORMATION

	Drying			
	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Immersion	24 hrs	12 hrs	8 hrs	6 hrs
Touch Dry	1 hrs	45 mins	30 mins	20 mins

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

	Overcoating							
	Substrate Temperature							
	5°C (41°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Micron AP	15 hrs	ext	10 hrs	ext	6 hrs	ext	4 hrs	ext

APPLICATION AND USE

Preparation

PREVIOUSLY ANTIFOULED SURFACE

In Good Condition: Rinse with fresh water and allow to dry. 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 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 metal surface with a 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.

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. Pre-prime using an International primer 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. Pre-prime using an International primer as detailed for specific coating systems.

Hints

Mixing: Stir well before use.

Thinning: Thinning is not recommended.

Cleaner: YTA085 International Antifouling Thinners #3.

Ventilation and Humidity Control: Ensure adequate ventilation during use.

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

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Airless Spray: Pressure: 176-210 bar/2500-3050 psi. Tip Size: 2180.

Airmix: Pressure: 2.5 bar. Tip Size: 20-113.

Other: For Airmix spray application - Pressure: 2.5 bar. Tip Size: 20-113. True colour will develop after immersion. For in season maintenance wipe surface with a soft sponge or equivalent. Heavy cleaning operations on a regular basis may remove some paint leading to a reduction of the in-service life of the coating. To prevent premature failure, ensure correct amount of paint is applied using the coverage as a guide. A slight variation in antifouling colour may be experienced when the same product is used as a boot topping compared to the product continually immersed.

Some Important Points

Not suitable for use over Aluminium/Alloy substrates or zinc sprayed surfaces. To prevent premature failure, ensure the correct amount of paint is applied using the coverage as a guide.

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 5°C/41°F and maximum 35°C/95°F.

Number of Coats

3 coats by brush/roller, 2 coats by spray.

Apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges.

Coverage

By Brush/Roller:

(Theoretical) – 10m²/L per coat

(Practical) – 9m²/L per coat

By Spray:

(Theoretical) – 6m²/L per coat

(Practical) – 4m²/L per coat

Recommended DFT per coat

60 microns dry by brush/roller

100 microns dry per coat by spray

Recommended WFT per coat

100 microns wet by brush/roller

167 microns wet by spray per coat

Application Methods

Airless Spray, Airmix, Brush, Roller

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

GENERAL:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of Micron AP 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:

This product should be kept in securely closed containers during transport and storage.

Safety

GENERAL:

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.

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 AP 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.

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

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