

PRODUCT DESCRIPTION

Micron 55 is formulated with a true Self Polishing Copolymer resin system that delivers the same outstanding level of antifouling protection as TBT SPC antifouling, but without the negative environmental impact of tin. Based on patented Biolux SPC technology, it lasts for 2 seasons and beyond and even protects over prolonged stationary periods, making Micron 55 the intelligent TBT replacement antifouling. Micron 55 maximises speed and fuel efficiency because it smoothes continuously ensuring drag is always minimised. It can also be hauled and relaunched without the need for recoating, saving time and effort in hull maintenance.

* Not suitable for extended use in fresh water see "some important points" for details.

PRODUCT INFORMATION

Colour	YBA416-Blue, YBA446-Red, YBA498-Black
Finish	Matt
Specific Gravity	1.7
Volume Solids	50%
Typical Shelf Life	12 mths
Unit Size	20 Lt

DRYING/OVERCOATING INFORMATION

	Drying			
	5°C	15°C	23°C	35°C
Touch Dry [ISO]	12hrs	4hrs	3hrs	2hrs
Immersion	24hrs	18hrs	16hrs	12hrs

Note: Maximum Time to Immersion is 1 month. If the coating is left more than 1 month, the surface should be high pressure fresh water washed prior to immersion. Prior to immersion in fresh water, Micron 55 must be allowed to dry for a minimum of 24 hours (See 'Some Important Points').

	Overcoating							
	Substrate Temperature							
	5°C		15°C		23°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Micron 55	24hrs	1mths	16hrs	1mths	6hrs	1mths	4hrs	1mths

APPLICATION AND USE


Preparation	<p>NEWBUILDING: Dependant upon yard procedures, consult International Technical Representative.</p> <p>MAJOR REFURBISHMENT: The first coat of Micron 55 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 55 within the overcoating interval specified for the primer.</p> <p>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 (Primocon or JVA202).</p>
Method	<p>Ensure the area is clean and dry. Apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges. Note: Maximum Time to Immersion is 1 month. If the coating is left for more than 1 month, the surface should be high pressure fresh water washed prior to immersion. Prior to immersion in fresh water, Micron 55 must be allowed to dry for a minimum of 24 hours (See 'Some Important Points').</p>
Hints	<p>Thinner YTA085 Thinners No.3</p> <p>Cleaner YTA085 Thinners No.3</p> <p>Airless Spray Pressure: 176-210 bar. Tip Size: 2180.</p> <p>Other Take care to apply all the paint calculated even if it means applying an extra coat. It is important for performance to apply the correct thickness.</p>

Some Important Points	A theoretical figure of 3.33m ² /lt for airless spray should be reduced by 25% to allow for material wastage to give a practical figure of 2.5m ² /lt. MAXIMUM TIME BEFORE IMMERSION IS 1 MONTH. If Micron 55 is exposed for longer than 1 month (including when hauled out over winter) it must be high pressure fresh water washed just before being immersed. Not suitable for constant immersion in fresh water. FRESH WATER IMMERSION SHOULD BE LIMITED TO 30 DAYS IN WATER TEMPERATURES GREATER THAN 20°C OR 2 MONTHS IN WATER TEMPERATURES LESS THAN 20°C. Vessel speed in fresh water should be restricted to less than 10 knots to avoid excessive polishing. Prior to immersion in fresh water, Micron 55 must be allowed to dry for a minimum of 24 hours. Do not use below 5°C. Ambient temperature should be minimum 5°C/40°F and maximum 35°C/95°F. Product temperature should be minimum 5°C/40°F and maximum 35°C/95°F. Substrate temperature should be 3°C/5°F above dew point and maximum 35°C/95°F.
Compatibility/Substrates	Not suitable for use over Aluminium/Alloy substrates or zinc sprayed surfaces. Can be applied over Superyacht 800 and Superyacht 900 antifoulings in sound condition. For further details on compatibility consult International Technical Representatives. Prime non-antifoulings with Primocon, Intertuf JVA202 or Interprotect.
Number of Coats	2
Coverage	(Theoretical) - 3.33 (m ² /lt) (Practical) - 2.50 (m ² /lt) by airless spray - see some important points.
Recommended DFT	150 microns dry
Recommended WFT	300 microns wet
Application Methods	Airless Spray . Brush or roller for limited areas only.

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage	GENERAL INFORMATION: Exposure to air and extremes of temperature should be avoided. For the full shelf life of Micron 55 to be realised ensure that between use the container is firmly closed and the temperature is between 10°C/50°F and 35°C/95°F. Keep out of direct sunlight. TRANSPORTATION: Micron 55 should be kept in securely closed containers during transport and storage.
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 Micron 55 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 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.*

 and International are registered trademarks of Akzo Nobel.

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 LLC
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



Ref: 05000370
Issue Date: 3-May-2005
Supersedes: 4-Sep-2004