

# Micron 350

## Antifouling

Premium Self Polishing Copolymer (SPC) Antifouling



### PRODUCT DESCRIPTION

Micron 350 is an antifouling product effective against fouling organisms; slime, aquatic plants and animals. A Premium Self Polishing Copolymer (SPC) antifouling suitable for professional and consumer application onto vessels in fresh and salt water.

The continuously polishing system provides up to 2 years performance, avoiding paint build up. The ever-smoothing surface ensures that drag is always minimised whilst maintaining optimum biocide release including in stationary periods. Can be applied up to 12 months before launch.

### PRODUCT INFORMATION

<b>Colour</b>	YBB623-Black, YBB624-Navy, YBB625-Blue, YBB626-Green, YBB627-Dark Grey, YBB629-Red
<b>Finish</b>	Low Sheen
<b>Specific Gravity</b>	2.2 average
<b>Volume Solids</b>	62% average
<b>Typical Shelf Life</b>	2 yrs
<b>VOC (As Supplied)</b>	333 g/L average
<b>VOC (EU Solvent)</b>	153g/Kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
<b>Unit Size</b>	750mL, 2.5L, 5L, 20L

### DRYING/OVERCOATING INFORMATION

	Drying			
	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Touch Dry	1 hrs	45 mins	30 mins	20 mins
Immersion	24 hrs	18 hrs	10 hrs	8 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 350	16 hrs	ext	10 hrs	ext	6 hrs	ext	4 hrs	ext

### APPLICATION AND USE

#### Preparation

#### PREVIOUSLY ANTIFOULED SURFACE

**In Good Condition:** All fouling and contamination must be thoroughly removed including the leached layer. Use high pressure fresh water wash (3000 psi/207 bar) and/or scraping and wet sanding with typically 80-120 grade paper. Do not dry sand. If old antifouling is incompatible or unknown, seal with suitable International Paint barrier/sealer coat.

**In Poor Condition:** Use Interstrip to remove all traces of antifouling.

**PRIMING:** All preparation for bare substrates is covered on the appropriate primer datasheet.

**BARE GRP:** Prime with Gelshield 200 for osmosis protection, or Primocon or Interprotect.

**STEEL/IRON/LEAD/WOOD:** Prime with Interprotect or Primocon.

#### Hints

**Mixing:** Thoroughly stir until product is mixed to a uniform consistency before use

**Thinning:** Thinning is not recommended. Antifouling performance can be compromised if correct dry film thickness is not applied.

**Cleaner:** YTA085 International Antifouling Thinner #3.

**Ventilation and Humidity Control:** Ensure adequate ventilation during use.

**Airless Spray (Professional only):** Pressure: 176-220 bar/4500-5500 psi. Tip size: 517 to 521

**Other:** Antifouling should only be wet sanded. Never dry sand or burn-off old antifouling. True colour will develop after immersion.

#### Some Important Points

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 7°C/45°F and maximum 35°C/95°F.

If you are regularly travelling at high speed (eg 30 knots) you might experience early wear through. Consult your local International Paint Representative for further advice if you are unsure about the suitability of Micron 350 for your specific requirements.

#### Compatibility/Substrates

For use over suitably primed GRP, Wood, Steel/Iron and lead.

Please refer to your local representative or visit [www.yachtpaint.com](http://www.yachtpaint.com) for further information.

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Not suitable for use over Aluminium/Alloy substrates or zinc sprayed surfaces.

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 350 over your existing coating scheme.

#### Number of Coats

##### By Brush/Roller

Apply 2 coats of 60 microns dry for 12 months (Total DFT of 120 microns)

Apply 3 coats of 60 microns dry for 24 months (Total DFT is 180 microns)

##### By Spray (Professional only)

Apply 1 coat of 120 microns dry for 12 months (Total DFT of 120 microns)

Apply 2 coats of 90 microns dry for 24 months (Total DFT of 180 microns)

**In all schemes, apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges.**

#### Coverage

##### By Brush/Roller:

(Theoretical) - 10 m<sup>2</sup>/L per coat

(Practical) - 9 m<sup>2</sup>/L per coat

##### By Spray (Professional only):

(Theoretical) - 6.67m<sup>2</sup>/L per coat (for 24 months scheme)

(Practical) - 4m<sup>2</sup>/L per coat (for 24 months scheme)

(Theoretical) - 5.17m<sup>2</sup>/L per coat (for 12 months scheme)

(Practical) - 3.1m<sup>2</sup>/L per coat (for 12 months scheme)

#### Recommended DFT per coat

60 microns dry per coat by brush/roller

90 microns dry per coat by spray (for 24 months scheme)

120 microns dry per coat by spray (for 12 months scheme)

#### Recommended WFT per coat

97 microns wet per coat by brush/roller

145 microns wet per coat by spray (for 24 months scheme)

194 microns wet per coat by spray (for 12 months scheme)

#### Application Methods

Airless Spray (Professional only), Brush, Roller

### 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 350 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:

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

#### Safety

##### GENERAL:

Contains biocides. 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.*

Please refer to your local representative or visit [www.yachtpaint.com](http://www.yachtpaint.com) for further information.

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