

# Hard Antifouling Antifouling



## PRODUCT DESCRIPTION

Hard Antifouling is an antifouling product effective against fouling organisms; slime, aquatic plants and animals. A Hard Antifouling suitable for professional and consumer application onto vessels in fresh and salt water. The hard scrubbable finish is suitable for burnishing to provide a smooth finish. Provides protection for up to one year. Ideal for fast powerboats, propellers, outdrives, sterngear and the waterline. In a range of bright colours suitable for all substrates including aluminium.

## PRODUCT INFORMATION

<b>Colour</b>	YBP230-White, YBP231-Red, YBP233-Navy, YBP234-Black
<b>Finish</b>	Matt
<b>Specific Gravity</b>	1.4 average
<b>Volume Solids</b>	51%
<b>Typical Shelf Life</b>	2 yrs
<b>VOC (As Supplied)</b>	424 g/l average
<b>VOC (EU Solvent)</b>	297 g/Kg average EU Solvent Emissions Directive (Council Directive 1999/13/EC)
<b>Unit Size</b>	375 ml, 2.5 lt

## 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	12 hrs	8 hrs	6 hrs

**Note:** Max. immersion times are as follows: 5-35°C - 6 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
Hard Antifouling	16 hrs	ext	10 hrs	ext	6 hrs	ext	4 hrs	ext

## APPLICATION AND USE

<b>Preparation</b>	<p><b>PREVIOUSLY ANTIFOULED SURFACE:</b></p> <p><b>In Good Condition:</b> 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.</p> <p><b>In Poor Condition:</b> Remove all traces of antifouling.</p> <p><b>PRIMING:</b> All preparation for bare substrates is covered on the appropriate primer datasheet.</p> <p><b>BARE GRP:</b> Prime with suitable primer for osmosis protection.</p> <p><b>STEEL/IRON/WOOD/LEAD:</b> Prime with anti-corrosive primer.</p> <p><b>GRP (GELCOAT):</b> Prime with suitable primer for osmosis protection.</p>
<b>Hints</b>	<p><b>Mixing:</b> Thoroughly stir until product is mixed to a uniform consistency before use.</p> <p><b>Thinner:</b> YTA085 International Antifouling Thinner No.3.</p> <p><b>Thinning:</b> Thinning is not usually required. Hard Antifouling may be thinned up to 10% to assist application properties at higher ambient temperatures. Care must be taken not to overwork the paint and ensure the correct DFT is applied as this is essential for performance.</p> <p><b>Cleaner:</b> YTA085 International Antifouling Thinner No.3.</p> <p><b>Airless Spray (Professional only):</b> Pressure: 176-210 bar/2500-3050 psi. Tip size: 517 to 521.</p> <p><b>Ventilation and Humidity Control:</b> Ensure adequate ventilation during use.</p> <p><b>Other:</b> Antifouling should only be wet sanded. Never dry sand or burn-off old antifouling. True colour will develop after immersion.</p>
<b>Some Important Points</b>	To prevent premature failure, ensure the correct amount of paint is applied using the coverage as a guide. Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Product temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Substrate temperature should be 3°C/5°F above dew point and maximum 35°C/95°F.
<b>Compatibility/Substrates</b>	Suitable for use on all substrates including suitably primed Aluminium/Alloy and Zinc-sprayed surfaces. Can be applied direct over most types of antifouling, provided they are in sound condition, with the exception of PTFE antifouling.

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

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<b>Number of Coats</b>	<b>By Brush/Roller:</b> Apply 2 coats of 50 microns dry for 12 months (Total DFT of 100 microns)  <b>By Spray (Professional only):</b> Apply 1 coat of 100 microns dry for 12 months (Total DFT of 100 microns)  <b>In all schemes, apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges.</b>
<b>Coverage</b>	<b>By Brush/Roller:</b> (Theoretical) - 10 m <sup>2</sup> /L per coat (Practical) - 9 m <sup>2</sup> /L per coat  <b>By Spray (Professional only):</b> (Theoretical) – 5m <sup>2</sup> /L per coat (Practical) – 3m <sup>2</sup> /L per coat
<b>Recommended DFT per coat</b>	50 microns dry per coat by brush/roller 100 microns dry per coat by spray
<b>Recommended WFT per coat</b>	98 microns wet per coat by brush/roller 196 microns wet per coat by spray
<b>Application Methods</b>	Airless Spray (Professional only), Brush, Roller

## TRANSPORTATION, STORAGE AND SAFETY INFORMATION

<b>Storage</b>	<b>GENERAL:</b> Exposure to air and extremes of temperature should be avoided. For the full shelf life of Hard Antifouling 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.  <b>TRANSPORTATION:</b> The product should be kept in securely closed containers during transport and storage.
<b>Safety</b>	<b>GENERAL:</b> Contains biocides. Antifouling should only be wet sanded. Never dry sand or burn-off old antifouling. Read the label safety section for Health and Safety Information, also available from our Technical Help Line.  <b>DISPOSAL:</b> 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.
<b>IMPORTANT NOTES</b>	<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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