

# 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 smoother 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>	YPL010-White, YPL011-Red, YPL013-Navy, YPL014-Black
<b>Finish</b>	Matt
<b>Specific Gravity</b>	1.4 average
<b>Typical Shelf Life</b>	2 years
<b>Volume Solids</b>	51% average
<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>	750mL, 2.5L

### DRYING/OVERCOATING INFORMATION

#### Drying

	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Touch Dry	1 hr	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

#### Overcoating Ambient / 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
Hard Antifouling	16 hrs	Ext.	10 hrs	Ext.	6 hrs	Ext.	4 hrs	Ext.

### APPLICATION AND USE

#### Preparation

##### PREVIOUSLY ANTIFOULING 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 sealer coat.

**In Poor Condition:** Remove all traces of antifouling.

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

**Bare GRP:** Prime with suitable primer for osmosis protection.

**Steel / Iron / Lead / Wood:** Prime with anti-corrosive primer.

#### 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.

**Airless Spray** Pressure 176-220 bar / 2500-3200 psi. Tip size: 517 - 521

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

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**Other** Antifouling should only be wet sanded. Never dry sand or burn-off 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 and ambient temperature should be minimum 5°C and maximum 35°C. Substrate temperature should be minimum 3°C above dew point and maximum 35°C.

### Compatibility/Substrates

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.

### Application Methods

Airless Spray (Professional only), Brush, Roller

### Number of Coats

#### By Brush / Roller:

Apply 2 coats of 50 microns dry for 12 months (Total DFT of 100 microns)

#### By Spray: (Professional only)

Apply 1 coat of 100 microns dry for 12 months (Total DFT of 100 microns)

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

### Recommended DFT per coat

50 microns dry per coat by brush / roller  
100 microns dry per coat by spray

### Recommended WFT per coat

98 microns wet per coat by brush / roller  
196 microns wet per coat by spray

### Coverage

#### By Brush / Roller:

(Theoretical) – 10m<sup>2</sup>/L per coat  
(Practical) – 9m<sup>2</sup>/L per coat

#### By Spray: (Professional only)

(Theoretical) – 5m<sup>2</sup>/L per coat  
(Practical) – 3m<sup>2</sup>/L per coat

## TRANSPORTATION, STORAGE AND SAFETY INFORMATION

### Storage

#### GENERAL INFORMATION

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.

#### TRANSPORTATION

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

### Safety

#### GENERAL

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 on the Safety Datasheet.

#### 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. Reminders of this product cannot be disposed of through the municipal waste route or dumped without permit. Disposal of reminders 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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