



# PETTIT VIVID

## BRIGHT COLORED ANTIFOULING



### TECHNICAL DATA SHEET

- **SLIME RESISTANT**
- **CLEAN BRIGHT COLOURS**
- **EXCELLENT FOR ALUMINIUM, FIBREGLASS, WOOD & STEEL BOATS**
- **TBT FREE**
- **NZ HSNO - Approval HSR000951**

#### GENERAL DESCRIPTION

Vivid Antifouling Paint is an antifouling protective coating resistant to slime, algae, barnacles and other marine fouling. Cuprous thiocyanate combined with an organic algaecide offers unprecedented control over all types of fouling even in the most severe fouling areas. When used over the recommended priming system Vivid can safely be used on aluminium hulls and out-drives.

#### APPLICATION DATA

Vivid contains cuprous thiocyanate and as a result of this there is a tendency for settling to occur, especially if the paint has been on the shelf for several months. It is therefore necessary to thoroughly mix the paint before use. If possible shake the can of paint on a mechanical paint shaker. Before using, check the sides and bottom of the can to ensure all the pigment has been mixed in. If mixing is going to be done with a wooden paddle or an electric drill mixer, pour off half of the liquid from the top of the can into another can and then properly mix in any settled pigment; then re-mix the two parts together thoroughly.

Adhere to all application instructions, precautions, conditions, and limitations to obtain optimum performance. Refer to individual labels and technical sheets for detailed instructions when using associated products, etc. Vivid is a high solids product; do not apply this paint in thick films or in more than four coats as poor adhesion may result. When applying by roller use a short nap (3/16" or 5mm) roller cover. Product can be thinned up to 10% (400ml per 4 litre) without loss in performance. Under all circumstances keep thinning to the minimum necessary for good application characteristics.

#### SURFACE PREPARATION

Coating performance in general, is proportional to the degree of surface preparation. Follow recommendations (overleaf) carefully, avoiding shortcuts. Inadequate preparation of surfaces will virtually assure inadequate coating performance.

#### MAINTENANCE

No anti-fouling paint can be effective under all conditions of exposure. Man made pollution and natural occurrences can adversely affect anti-fouling performance. Extreme hot and cold water temperatures, silt, dirt, oil, brackish water and even electrolysis can ruin an anti-fouling paint. Therefore we strongly suggest that the bottom of the boat be checked regularly to make sure it is clean and no growth is occurring. Lightly wipe the bottom with a sponge to remove soft growth from the anti-fouling paint surface. DO NOT SCRUB.

The coating is most effective when the boat is used periodically.

#### PHYSICAL DATA

VEHICLE TYPE: Proprietary Resin Blend

FINISH: Flat

COLOURS: White, Blue, Green, Red, Black, Yellow.

COMPONENTS: – Single package

CURING MECHANISM: Solvent release

SOLIDS (Theoretical)

By weight 83% ± 2%

By volume 65% ± 2%

COVERAGE: Estimated practical 10.8m<sup>2</sup> per litre per coat at 50 microns DFT

VOC: 441 gms/litre max. (as supplied)

ACTIVE INGREDIENTS

25.0% Cuprous Thiocyanate

2.5% Zinc Pyrithione

FLASHPOINT: 43°C (Setaflash)

#### APPLICATION DATA

METHOD: Brush, Roller, Airless or Conventional Spray

NUMBER OF COATS: 2 or 3

DRY FILM THICKNESS PER COAT: 50 µm

APPLICATION TEMP. 4.5°C minimum  
32°C maximum

DRY TIMES (Hours)

	<u>To Recoat</u>		<u>To Launch</u>
	<u>Spray</u>	<u>Brush</u>	
32°C	2	4	8
21°C	4	8	16
4.5°C	6	12	24

MAXIMUM LAUNCH TIME: 60 days

THINNERS

Spray - Pettit 121 Thinner

Brush - Pettit 120 Thinner

#### ASSOCIATED PRODUCTS

Pettit Brushing Thinner 120

Pettit Spraying Thinner 121

Altex D30 Degreasing Solvent

Altex No.1 Epoxy Primer

Altex Multi-Purpose Primer Undercoat

## SYSTEMS

Mix paint thoroughly to ensure toxicants are evenly dispersed throughout the can. All surfaces must be clean, dry and properly prepared prior to painting.

**Previously Painted Surfaces:** If the previous coating is in good condition, thoroughly sand with 80 grit paper then solvent clean with 120 Brushing Thinner or Altex D30 Degreasing Solvent to remove residue. Apply two finish coats of Vivid. If the previous coating is soft or in poor condition, remove down to sound coatings or bare surface by sanding or using a paint and varnish remover. Proceed with appropriate bare system as described below. Old tin copolymers should be completely removed before applying Vivid.

**Bare Fibreglass:** All bare fibreglass, regardless of age, should be thoroughly cleaned several times with Altex D30 Degreasing Solvent or Vivid Brushing & Rolling Thinner. Sand thoroughly with 80 grit sandpaper to a dull, frosty finish and rewash with D30 Degreasing Solvent or 120 Brushing Thinner to remove sanding residue. At this point, if desired or necessary, a priming coat of Altex No.1 Epoxy Primer may be applied at 50 to 75 µm, allow to dry for 4 to 24 hours. To the prepared bare surface or the primed surface apply two or three coats of Vivid, following application instructions. Careful observation of the above instructions will help ensure long term adhesion of this and subsequent years' anti-fouling paint.

**Bare Wood:** Sand entire surface with 80 grit paper; wash clean with 120 Brushing Thinner or D30 Degreasing Solvent. Apply a brush coat of Vivid thinned no more than 10% with 120 Brushing Thinner, allow to dry overnight, lightly sand and wipe clean. Apply two finish coats of Vivid.

Alternatively the prepared bare wood surface can be sealed with one or two coats of Altex Multi-Purpose Primer Undercoat followed, after overnight drying, by two coats of Vivid.

**Bare Aluminium & Steel\*:** Sand blast or disc grind to a clean bright finish, remove residue – *use non-metallic media when preparing aluminium*. Within four hours prime the prepared metal with three coats of Altex No.1 Epoxy Primer, allowing at least two hours between coats. Allow to dry for 4 to 24 hours and apply two or three coats of Vivid.

**Keels – Steel, Cast Iron or Lead:** Abrade surface to bright metal; clean off residue. Apply a priming coat of Altex No.1 Epoxy Primer at 50 to 75 µm, allow to cure overnight before applying any epoxy filler or fairing. Once fairing operations are completed re-prime and build the entire surface with at least two further coats of Altex No.1 Epoxy Primer, allow system to dry for 4 to 24 hours and apply two to three coats of Vivid.

If no fairing is required apply three coats of Altex No.1 Epoxy Primer, allow to dry overnight before applying two coats of Vivid.

\* This is a simplified system for smaller areas designed for good performance and easy application by the boat-yard professional or do-it-yourselfer. For larger vessels or for more critical applications where a high performance system is required please consult your local Altex Yacht & Boat Paint distributor or contact the Altex Technical Services Department.

Vivid Antifouling is manufactured by Altex Coatings Ltd., New Zealand, under license to Kop-Coat Inc., NJ, USA.

<b>ALTEX COATINGS LIMITED</b>		
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