

TIE COAT PRIMER

General Purpose Primer

- Smooth finish provides an excellent bonding surface for topcoats
- Can be used as a metal primer or as a tie coat
- Compatible with all Pettit antifouling bottom paints as well as all Pettit topside paints
- Applicable above and below the waterline



Tie Coat Primer is a general-purpose chlorinated rubber type product used as a primer on metal surfaces and as a tie coat between different types of coatings. This versatile product can be used successfully above and below the waterline as a primer and over a variety of coatings as a tie coat. It is compatible with all Pettit antifouling bottom paints and topside finishes. Tie Coat Primer can also be used on new and bare wood on boat bottoms to seal the wood before applying an antifouling paint.

TECHNICAL INFORMATION			
VEHICLE	Chlorinated Rubber		
FINISH	Flat		
COLOUR	Burnt Orange		
COMPONENTS	One		
CURING MECHANISM	Air dry / Oxidation		
SOLIDS BY WEIGHT	57% ± 2%		
SOLIDS BY VOLUME	35% ± 2%		
COVERAGE	5.5m ² /litre (spray) 6.8m ² /litre (brush or roller)		
VOC	562 grams/litre (max)		
APPLICATION METHOD	Brush, Roller, Airless or Conventional Spray		
NUMBER OF COATS	1 or 2		
FLASH POINT	18°C		
DRY FILM THICKNESS	50µm (spray) 62µm (brush or roller)		
APPLICATION TEMPERATURE	-15°C Min / 38°C Max		
THINNER	97 Epoxy Thinner		
DRY TIME	Temp	To Recoat	To Topcoat
	32°C	1 hr	2 hrs
	21°C	2 hrs	4 hrs
	10°C	4 hrs	8 hrs
	0°C	8 hrs	16 hrs
	-10°C	3 hrs	3 hrs
PACKAGING	1 Gallon Container (3.8 litres)		
SHELF LIFE	24 Months from date of manufacture		

ASSOCIATED PRODUCTS: Pettit Antifouling Paint, Pettit Topside Paints, Rustlok® Primer

Tie Coat Primer is heavily loaded with protective ingredients. 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 necessary to thoroughly mix the paint before using. If possible, shake the can of paint on a mechanical paint shaker. Before using, check the sides and bottom of the can to make sure 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 tech sheets for detailed instructions when using associated products, etc.

Do not thin Tie Coat Primer more than 10% (100ml per litre) or inadequate paint film thickness will occur.

COATING PERFORMANCE, IN GENERAL, IS PROPORTIONAL TO THE DEGREE OF SURFACE PREPARATION. FOLLOW ALL RECOMMENDATIONS VERY CAREFULLY, AVOIDING SHORTCUTS.



APPLICATION INFORMATION: Shake or stir the Tie Coat Primer thoroughly. Apply by brush, roller or spray. Thinning is not normally required for brush or roller application, however, small amounts of 97 Epoxy Thinner may be used if necessary, to facilitate application. For spraying, use 97 Epoxy Thinner at levels of 5 to 10% by volume to ensure a smooth finish with minimal orange peel. Wet film thickness un-thinned should be 145µm to 180µm per coat, which yields 50µm to 62µm dry film thickness.

PREVIOUSLY PAINTED FIBERGLASS SURFACES (OLD TIN COPOLYMERS): The surface to be painted must be dry, clean and free of any contamination or foreign matter. High pressure wash, scrub, then sand the old bottom paint with 80-grit sandpaper. Apply one coat of Tie Coat Primer to seal the tin copolymer bottom paint. Allow Tie Coat Primer to dry for 4 hours and apply antifouling paint.

OUTDRIVES: Scuff existing paint and primer with 80-grit sandpaper, solvent clean surface with 120 Brushing Thinner. Apply 2 coats of Pettit Tie Coat Primer, allowing the proper dry time between coats (see dry time chart) before sanding lightly with 80-grit sandpaper and applying appropriate antifouling paint. This is a simplified system for outdrives needing primer or experiencing corrosion. Please consult your Pettit representative or the Pettit Technical Department for more complex, professional systems. Always read the labels or technical data sheets for all products specified herein before using.

ANTIFOULING BOTTOM PAINT: All Pettit antifouling bottom paints may be applied directly over Tie Coat Primer. Allow the Tie Coat Primer the proper drying time prior to applying antifouling paint.

BARE STEEL: Sandblast or disc sand to a clean, bright finish then remove residue. Immediately apply 2 coats of Rustlok® Primer and allow to tack dry; follow with 2 coats of Tie Coat Primer, allowing the proper dry time between coats (see dry time chart). Apply finish coats.

BARE WOOD: Sand entire surface with 80-grit paper; wash clean with 120 Brushing Thinner. Apply a coat of Tie Coat Primer thinned 25% with 97 Epoxy Thinner, allow an overnight dry, lightly sand and wipe clean.

STAINLESS STEEL, TRIM TABS AND BRONZE THROUGHHULLS: Consult the Underwater Metal Systems technical bulletin.

TOPSIDE FINISHES: All Pettit topside finishes are compatible with Tie Coat Primer. If the surface is sufficiently smooth, Pettit enamels may be applied directly over Tie Coat Primer. If the surface needs additional smoothing, use EZ Prime as a base over Tie Coat Primer followed by the topside product of your choice.

CLEAN-UP: Use recommended solvent in case of spillage of product and dispose in accordance with local applicable regulations.

STORAGE: Store chemicals indoors, away from direct sunlight, sources of heat and egress pathways. Hazardous chemicals must be stored below eye level. Do not store chemicals on the floor, window ledges, or balconies. Keep containers closed unless you are dispensing a chemical or adding to the container. Label containers and be sure container is compatible with the chemicals. Keep out of reach of children.

NOTE: DO NOT USE COPPER OR CUPROUS OXIDE BASED ANTIFOULING COATINGS ON ALUMINIUM.