



Simply better.

- *Proven topside protection.*
- *High gloss enamel - durable.*
- *Easy brushability - applies evenly.*
- *Can be brushed, rolled or sprayed.*

GENERAL DESCRIPTION

Originally developed for wooden boats, these old-time favorites may also be applied to properly prepared fiberglass, metal and over existing enamels. They are well known for their exceptionally easy, forgiving application, superb covering properties, good gloss, seasonal durability, and economical value.

Not recommended for constant immersion.

APPLICATION INFORMATION

Stir thoroughly before use. Shipendec may be applied by brush, roller, conventional or airless spray. For brush or roller application apply without thinning although in hot weather 5-10% Pettit 120 Brushing Thinner may be added to maintain a wet edge. For best results on large, smooth surfaces roll out using a short nap roller followed immediately by leveling off with the tip of a brush. For conventional spray application thin 15-20% with Pettit 121 Spraying Thinner. Apply one, thin even coat per day. After an overnight dry, lightly sand with 220 grit sandpaper and apply a second coat. Always wipe with a tack cloth immediately before the fresh application of paint to remove any airborne dust which may have settled. Applying two or more coats in one day or applying excessively heavy films (greater than 4 wet mils) will lead to insufficient through drying of the paint and will yield soft paint films. For airless spray application thin up to 5% with Pettit 121 Spraying Thinner. Utilize a .011-.015 inch diameter tip for application. Do not apply Shipendec on extremely humid days (90°+ RH) or when rain is threatening. Do not apply in the late afternoon when working outdoors as the wet film may be adversely affected by dew. When working in cooler temperatures be sure the air and surface temperatures will remain at or above 50°F for at least 8 hours after application.

SURFACE PREPARATION

Surface must be free of dirt, loose paint, rust, oil, grease, wax, soap and any other foreign matter. Clean painted areas by washing with a solution of 2 cups household ammonia per gallon of water and rinse well. Remove existing mildew with household bleach instead of ammonia.

SHIPENDEC & Z*Spar Topside Enamels

TECHNICAL BULLETIN 240 6/06

PHYSICAL DATA

VEHICLE TYPE.....Oil modified alkyd
FINISH.....High-gloss
COLOR.....See Pettit color chart
COMPONENTS....1
CURING MECHANISM....Air dry/oxidation
SOLIDS (theoretical)
By weight....65.0 ± 7%
By volume....49.9 ± 2%
COVERAGE....400 sq. ft./gal. for White;
800 sq. ft./ gal. for colors
VOC....388 g/l for 3147 White
(other colors will vary slightly)
FLASH POINT....110°F for White
(other colors will vary slightly)

APPLICATION DATA

METHOD.....Brush, Roller, or Spray
NUMBER OF COATS....2 minimum
DRY FILM THICKNESS PER COAT.....1.5 mils
(3 wet mils)
APPLICATION TEMP.....50° F. Min. / 90 °F. Max.
APPLICATION HUMIDITY....0% Min. / 90% Max.
DRY TIME (Hours)
To Touch To Recoat
90°F 1½ hrs. 8 hrs.
70°F 3 hrs. 16 hrs.
50°F 6 hrs. 24 hrs.
THINNERS.....120 Brushing Thinner
121 Spraying Thinner
CLEANER.....120 Brushing Thinner

ASSOCIATED PRODUCTS

95 Fiberglass Dewaxer
6149 Easyepoxy White U/C
6455 Metal Primer
6980 Rustlok Primer
6627 Tie Coat Primer
2018 Clear Sealer
6165 Yacht White Undercoater
9900 Skidless Compound
7191 Easyepoxy Mender
120 Brushing Thinner
121 Spraying Thinner

SYSTEMS

All surfaces must be clean, dry and properly prepared prior to painting. Stir enamel thoroughly before use. Sand between coats of new enamel with 220 grit paper. Always wipe with a tack cloth immediately before the fresh application of paint to remove any airborne dust which may have settled.

Bare Fiberglass: The entire surface to be painted, regardless of age, must be thoroughly washed with 95 Fiberglass Dewaxer to remove all traces of mold release agents and wax. Sand the gelcoat with 80- 120 grit paper to a dull, frosty appearance; solvent clean to remove residue. If the surface is in excellent condition, proceed with the first finish coat of Shipendec.

If the surface is rough or imperfections exist, it will have to be repaired. Fill all nicks and gouges with Epoxy Fairing Compound or 7191 Easyepoxy Mender; sand flush when hard, then solvent clean. Follow with a coat of 6149 Easyepoxy White Undercoater to smooth the surface and provide a uniform base; sand well and solvent clean. Proceed with the first finish coat of Shipendec.

Bare Wood: Sand surface smooth with 80-120 grit paper; solvent clean to remove residue. Fill all screwheads or small holes with 7191 Easyepoxy Mender; sand flush and solvent clean. Apply a coat of 2018 Clear Sealer to penetrate and seal the porous grain. Follow with one or two coats of 6165 Yacht White Undercoater until an evenly smooth base condition is reached; sand each coat with 80-120 grit paper and solvent clean. The Undercoater can be blended with the finish enamel so there is not such a striking contrast between the two colors. Proceed with the first finish coat of Shipendec.

Bare wood that has been epoxied must be thoroughly scrubbed with an ammonia/water solution then sanded with 120 grit paper and solvent cleaned. Follow with a coat of 4169 Easyepoxy White Undercoater to smooth the surface and provide a uniform base; sand well and solvent clean; then proceed with the first coat of Shipendec.

Bare Steel: Surface must be cleaned to a bright finish by sandblasting or grinding; remove blast residue. Immediately apply one coat of 6980 Rustlok Primer; allow to dry until tacky. If surface is rough, apply a coat of 6627 Tie-Coat Primer; sand well and solvent clean. Repeat application as needed until a perfectly smooth, uniform base is reached. Proceed with the first coat of Shipendec.

Bare Aluminum Boats, Masts & Spars: Wipe the surface free of oil and grease with solvent. Remove oxidation and etch the surface with medium grit emery cloth; remove sanding residue. Apply one thin "wet" coat of 6455 Metal Primer; allow to dry at least two hours. Proceed with the first coat of Shipendec. 6149 Easyepoxy White Undercoater can be used over the 6455 Metal Primer for smoothing surfaces if desired.

Painted Surfaces: If the old paint is in good, sound condition, sand it thoroughly smooth with 120-150 grit paper; solvent clean to remove residue, then proceed with the first coat of Shipendec. If the old paint is in poor condition, remove it with a paint and varnish remover or by sanding. Proceed with instructions for the appropriate bare surface system.

Non-Skid Decks: To provide a safe, slip-proof texture on decks, add Pettit 9900 Skidless Compound to the mixed Shipendec. Stir mixture continuously to insure compound is thoroughly dispersed and remains in suspension. A minimum of two coats are recommended, following the appropriate application system. Alternatively, apply a coat of Shipendec (without 9900 Skidless Compound) to all areas requiring a non-skid surface, then sprinkle or broadcast the 9900 Skidless Compound into the wet Shipendec. After drying overnight carefully brush-out all loose Skidless Compound and apply another thin, even coat of Shipendec to the surface. For decks which have a pre-molded, non-skid embossment, wash the surface with 95 Fiberglass Dewaxer. Abrade area thoroughly with bronze wool; solvent clean to remove residue. Apply two coats of Shipendec adding 9900 Skidless Compound to the mixture if an improved non-skid texture is desired.