

ODYSSEY HD

- High-copper ablative protection
- Smooth polishing finish
- Compatible over most bottom paints
- Backed by the industry leading **18 Month HD (Hull Defense) Warranty**



Odyssey HD multi-season antifouling combines controlled polishing ablative technology with a high copper content to provide a paint film strong enough to handle the tough marine environment from coast to coast. Odyssey HD is compatible over most finishes, 50 state V.O.C. compliant and will not build up over time leaving running surfaces smooth and clean. Odyssey HD's copolymer resins withstand hauling and relaunching without losing effectiveness for both power and sailboats.



Odyssey HD provides excellent antifouling protection backed up by the industry's strongest Warranty. HD (Hull Defense 18 Month Limited Warranty) offers peace of mind to any boater in every harbor. Odyssey HD offers the most dependable and trusted antifouling paint to every boater and applicator in the industry.



TECHNICAL INFORMATION

FINISH: FLAT
SOLIDS BY VOLUME: 50%
SOLIDS BY WEIGHT: 75%
COVERAGE: 475 ft²/gal.
VOC: 330 grams/liter (2.75lbs/gallon)
BIOCIDE: Cuprous Oxide...45.7%
FLASH POINT: >105°F
APPLICATION METHOD: Brush, roller, airless or conventional spray
MAXIMUM ROLLER THICKNESS: 3/8"
NUMBER OF COATS: 2

WET FILM THICKNESS: 3.2 mils
DRY FILM THICKNESS: 1.6 mils
APPLICATION TEMP: 50°F. Min / 90°F MAX
THINNER: 120 Brushing Thinner
 121 Spraying Thinner
DRY TIME: Minimum time in hours

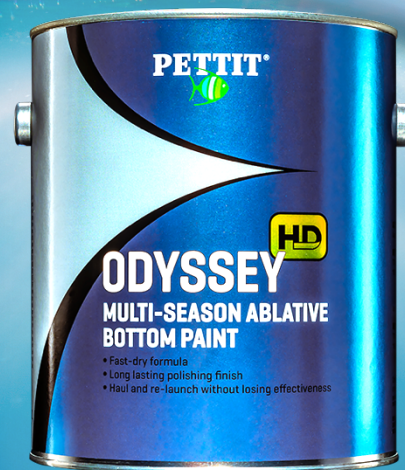
	TO TOUCH	TO RECOAT	TO LAUNCH
90°F	1/4	1-1/2	4
70°F	1/2	3	6
50°F	1	6	16

Odyssey HD contains cuprous oxide. As a result, there is a tendency for settling to occur. It is necessary to thoroughly mix the paint before using. 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 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 remix 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.

When spraying, do not thin Odyssey HD more than 10% (12 ounces per gallon) or inadequate paint film thickness will occur and premature erosion of the finish will be likely.

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



APPLICATION SYSTEMS: Odyssey HD is easily applied by brush, roller or spray. When rolling use only a high-quality roller cover. Odyssey HD can be applied with a 3/8" roller. For a smoother finish, Odyssey HD can be applied with a short nap 1/4" roller or thin Odyssey HD with Pettit 120 Brushing Thinner 10%

PREVIOUSLY PAINTED SURFACES: To paint old hard and ablative antifouling, thoroughly wipe down the surface with 120 Brushing Thinner, paying particular attention to waterline areas, then sand painted surface with 80 grit sandpaper. Old tin or copper copolymers or Teflon based antifouling should be sanded thoroughly with 80 grit sandpaper to remove the chalky outer surface, wiped clean, apply 2 coats of Odyssey HD. Soft, sloughing antifouling should be removed before applying Odyssey HD.

BARE FIBERGLASS: All bare fiberglass, regardless of age, should be thoroughly cleaned with 92 Bio-Blue Hull Surface Prep or dewaxed several times with Pettit D-95 Dewaxer.

SANDING METHOD: Sand the hull thoroughly with A80-grit sandpaper to a dull, frosty finish and rewash the sanded surface with 120 Brushing Thinner to remove sanding residue. Apply two coats of Odyssey HD, following application instructions. Careful observation of application instructions will help ensure long-term adhesion of this and subsequent years' antifouling paint.

NON-SANDING METHOD: Thoroughly clean, dewax the surface with 92 Bio-Blue Hull Surface Prep using a course Scotch Brite pad. Thoroughly rinse all residue from surface and let dry. Then apply one coat of Pettit Protect High Build Epoxy Primer 4700/4701. Consult the primer label for complete application and antifouling top coating instructions. Apply two coats of Odyssey HD.

BARRIER COAT: Fiberglass bottoms potentially can form osmotic blisters within the gelcoat and into the laminate. Prepare the fiberglass surface as mentioned above (sanding method) then apply two - three coats of PettitProtect 4700/4701 Gray High Build Epoxy Primer Pettit Protect 4100/4101 White High Build Epoxy Primer per label directions. Apply two coats of Odyssey HD. See Technical Bulletin TB-1000 for detailed instructions.

BARE WOOD: Bare wooden hulls should be sanded thoroughly with 80grit sandpaper and wiped clean of sanding residue. A coat of 6627 Tie-Coat Primer thinned 25% with 97 Epoxy Thinner should be applied directly to the bare wood. Allow drying 4 hours and then applying two unthinned coats of Odyssey HD per instructions. Existing, hard antifouling paint should be thoroughly sanded. If priming is necessary on bare wood spots, apply a touch-up coat of 6627 Tie-Coat Primer thinned 25% with 97 Epoxy Thinner to these areas. Then apply the subsequent coats of Odyssey HD.

STEEL HULLS: Clean surface to remove grease and dirt, remove loose rust and scale from the metal surface, scrape, sandblast or wire brush to 2 - 3 mil profile, blow off residue, then apply one or two coats of Pettit 6980 Rustlok Primer* followed by two coats of Pettit 4700/4701 High Build Epoxy Primer. Follow with Odyssey HD.

UNDERWATER METAL PARTS: Solvent clean, abrade to clean bright metal by sanding with 60-80 grit sandpaper, sandblasting or wire brushing. Apply 2 - 3 coats of Prop Coat Barnacle Barrier 1792 followed by 2 coats of Odyssey HD.

BLISTERED FIBERGLASS: See Pettit Technical Bulletin TB-1000 Gelcoat Blister Repair and Prevention Specification for detailed instructions.

DO NOT USE THIS PRODUCT ON ALUMINUM HULLS AND OUTDRIVES. These are simplified systems for small areas. Please consult your Pettit representative of the Pettit Technical Department for more complex, professional systems. Always read the labels or tech sheets for all products specified herein before using.

MAINTENANCE: No antifouling paint can be effective under all conditions of exposure. Man-made pollution and natural occurrences can adversely affect antifouling paint performance. Extreme hot and cold-water temperatures; silt, dirt, oil, brackish water and even electrolysis can ruin an antifouling paint. Therefore, we strongly suggest that the bottom of the boat be checked regularly to make sure it is clean and that no growth is occurring. Lightly clean the bottom with a sponge or cloth to remove anything from the antifouling paint surface. Cleaning is particularly important with boats that are idle for extended period of time.