

MICROPHASECOATINGS
Product Data Sheet
 Revision Date: April 2007

PHASECOAT® UFR

Foul-Release, No Copper, No Biocides, Low VOC's

When you need: More Speed Fuel Efficiency More Durability

PRODUCT DESCRIPTION

PHASECOAT®UFR is a new foul release coating, available for commercial sale since October 2006. The coating is a patented combination of poly-urea siloxanes and organosilanes and has been extensively tested for properties of durability and foul release. It is cleaned by sufficient movement through water (15-20 knots for at least one hour weekly) and is the hardest foul release coating on the market today. Vessel should be inspected monthly and surface may require cleaning with a water hose, a soft cloth or a sponge, to remove the growth.

PHASECOAT®UFR is applicable on virtually any surface where a foul release coating is desired, and because it doesn't corrode aluminum, it is a perfect out-drive coating where traditional antifouling coatings are unsuitable. PhaseCoat UFR is hard and durable and withstands the rigor of hard, fast use. It will not peel off from floating debris or docking operations. UFR is Coast Guard VOC compliant, with IPA as a solvent and is safe and easy to apply by rolling or spraying. Product performs best when thinned 15% with acetone.

FEATURES

- Easy clean surface
- Translucent to clear finish/ or Black
- Resists cracking/ High Flex
- Applicable on virtually all surfaces / primer may be beneficial in certain cases
- Reduces application and maintenance costs

USES

Excellent performance when used for:

- Active vessels that run 15+ knots
- Entire hulls/ Transom
- Out-drives/ Trim tabs/ Props
- Rudders
- Non Conductive so may be used on aluminum with primer



On this 30-ft Grady White, the owner reduced his fuel usage from 200 gallons to 160 gallons per trip to the Gulf Stream fishing zone. Coating applied 2001.

Boat	Speed Before	Speed After	Increase
<i>Parker</i>	34 MPH	39 MPH	14.7%
<i>Center Console MAKO</i>	5200 RPM	6000 RPM	15.4%
<i>Grady White Sport Fisherman</i>	38 MPH	46 MPH	21.0%

On many power driven boats upon which PHASECOAT®UFR was applied, the owner enjoyed significant speed increase and fuel reduction after replacing the copper ablative or traditional bottom paint with PHASECOAT®UFR