

Sea Coat SCL - Sea Speed Product White Paper

Seacoat SCT specializes in high performance Silane-Siloxane bottom coating technology for the Commercial, Military, Cruise Ship and now pleasure craft vessels. Delivering next generation solutions today using Silane – Siloxane hard hull coatings like SEA-SPEED, to replace conventional toxic antifouling bottom paints for all types of vessels. The benefits are significant:

- Ultra smooth surface reduces fuel consumption 6 – 12 %, with increased range and speed.
- Easy to clean and environmentally safe with zero toxins
- Extremely durable, non-depleting – non polishing with a 10-year guarantee

The US Navy has used SEA-SPEED since 2001 on Special Operations Craft (SOC) hulls due to its suitability for high speed and durability in extreme conditions. The extremely low surface roughness is under 5 microns which will increase speed and range of any vessel because of reduced drag.

Unlike conventional toxic bottom paint, SEA-SPEED can be scrubbed without reducing the film thickness or removing the coating. It has a ten-year warranted lifecycle. The reduced maintenance costs make SEA-SPEED technically and environmentally hard to beat.

SEA-SPEED is the ideal choice for recreational sailing and motorboats in the coming decades. The completely Non-Toxic and exceptionally durable proprietary Silane – Siloxane technology yields the smoothest hull coating in the market globally.

SEA-SPEED is the perfect marine paint for aluminum boats, fiberglass, gel coat, and / or wooden hulls on sailboats, sport boats and mega yachts of all sizes. Seacoat's unique technology forms a hard yet flexible elastomeric coating that is impermeable and highly durable. It will last ten years and is easy to clean and maintain. The hull can be cleaned by hand or mechanically without damage or paint removal such as when cleaning ablative bottom paint. It is available in black, white, aquamarine blue, forest green, red oxide, and light grey as standard. Seacoat has also come up with another first in technology, a CLEAR COAT FRC (Foul Release Coating).

The SEA-SPEED V10 CLEAR is a thin film Silane-Siloxane clear coat that is ideal for racing sail & powerboats or your daily runabout or mega-yacht. The clear coat is perfect for new fiberglass or gel coat hulls where an owner does not want the "Bottom paint" look. Properly applied, SEA-SPEED has the lowest surface roughness in the industry (< 8 microns). The low coefficient of friction and surface energy yield a reduction in drag. Increases in speed and fuel savings have been reported upwards of 10%. It is ideal as an aluminum boat paint as it does not contain cuprous oxides. Both coloured or clear products are highly durable against mechanical damage and or underwater cleaning. Both are impermeable and form a NON-STICK surface.

Unlike conventional bottom paints, SEA-SPEED can be scrubbed without damaging the coating or releasing toxic cuprous oxides or biocides into the water. Whereas anti-fouling paint may last one or two years, SEA-SPEED is a non-depleting boat paint that does not polish or ablate. It can also be used on smaller vessels that may be trailered for extended periods. SEA-SPEED does not contain any poisons or toxic elements that become non-functional when they are removed from the water.