

AT 7600 – MARINE

NANO-CERAMIC COATING

TECHNICAL DATA SHEET

7600 – Marine is a high performance nano-ceramic coating formulated for high performance marine applications. 7600-SLICK creates a hard, super slick, long lasting hydrophobic clear finish that significantly reduces drag on treated surfaces in both water and air. This improves energy efficiency, speed, lift and maneuverability of all types of marine vehicles. Treated surfaces are self-cleaning and will repel water, ice, snow, dirt, and marine organisms. 7600 is extremely durable and provides excellent UV protection. 7600 is an inert (benign) material that is safe for use in marine environments.

7600-GRIP is an excellent solution for marine deck applications. Wet Grip and Texture are added to create an anti-slip surface for high traffic areas. Antimicrobial additives may also be added to protect coated surfaces from a wide variety of microorganisms.

Technical Data

Color	Refer to color chart
Viscosity	> 0.21 cm ² /s
Percent of Solids (%)	Part A Resin 96% +/- 2% Part B 71% +/- 2%
Mix Ratio	4:1 (80:20)
NFPA Flame Spread	Class A
Density	11.3 lbs./US Gallon
Salt Spray (5% Solution)	5500 Hours
Adhesion (ASTM D3359-02)	5B
Odor (liquid)	Slight Solvent
Odor (cured)	None

Drying and Coverage Rate

Pot Life (@ 70°F / 21°C)	4 hours
Average Applied Dry Film Thickness	3 – 7 mils
Estimated Coverage Rate (@ 5 mils)	289 ft ² (27m ²) per gallon
Dry to Touch Time (@ 70°F / 21°C) *Exposure to a warmer air flow (not exceeding 110°F) will accelerate drying and curing	1.5 – 2 hours
Recoat Time & Cure Time (@ 70°F / 21°C)	2 hours / 4.5 hours

Key Performance Properties

- Super slick surface significantly reduces friction and drag in both water and air.
- Excellent UV protection.
- Creates a covalent bond to the substrate for long lasting durability.
- Easy application. May be applied by spray, brush or roller and ambient air cured.
- Inert (benign) material. Safe for use in marine environments.
- Wet Grip and Texture may be added to create non-slip properties in high traffic deck areas.
- Available in both clear coat and a wide variety of colors.
- Available in both high gloss and low gloss / matte finishes.

Common Applications

Marine applications of all types include boat hulls, boat decks, and docks.

Supplemental Information

- Available in a wide variety of colors. Refer to color chart.
- Available with texture, wet grip, and antimicrobial additives.
- Clear version available with UV/black light tracer to inspect for full coverage.
- Clear coat maintenance coatings are available.