

AT 5004 - ALPHASLICK ULTRA

NANO-CERAMIC COATING

APPLICATION INSTRUCTIONS

1. PRODUCT DESCRIPTION

AT-5004 is a VOC exempt, environmentally friendly solvent hydrophobic coating specifically formulated for maximum performance on rubber, PVC, Hypalon®, and similar surfaces. AT-5004 has excellent adhesion, UV resistance and durability. AT-5004 creates a micro-thin, super-slick hydrophobic surface that prevents the adhesion of ice, dirt, and marine organisms while also significantly reducing friction and drag in the water. The reduction of drag improves performance, fuel efficiency and maneuverability. AT-5004's nano-ceramic formulation creates a covalent bond to the substrate making it extremely durable for long lasting performance. AT-5004 is an inert (benign) material when cured and will not harm marine life or waterways.

2. SURFACE PREPARATION

- Intended surface should be clean and free from oils, dirt and any other previous contaminants.
- AT-5004 is normally applied directly on rubber, PVC, and Hapalon® type surfaces.

3. APPLICATION

- As with any new material, always test application and finished properties on a low value test article or panel before working on valuable surfaces.
- Apply with a dampened mohair roller (lock the roller in place thereby allowing the applicator to lightly drag the roller over the surface) or lint free cloth squeegee.
- Use a linear motion to apply being sure to slightly overlap with the previously coated area. Target film thickness is 3-5 microns once dried. **Thicker is not better.**
- Application should be started at a corner or edge and continued until there is complete coverage.

7. DRYING & CURING TIMES

Drying Time	Dry to the touch in approximately 25-30 minutes at ambient temperatures. Warmer airflow will accelerate dry time.
Curing Time	Cured properties are obtained in approximately 12-24 hrs after application at 79°F/28°C. Warmer temperatures will result in a faster cure. Normally it will take at least 5 days to become totally crosslinked at ambient temperatures. Exposure to direct sunlight or a warmer airflow will accelerate curing. Coating should be fully cured (5 days at ambient) before being submerged in water.



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8. COVERAGE RATE

- Approximately 2,580 square feet per gallon (63 square meters per liter) at dry film thickness of 5 microns.

9. STORAGE STABILITY & SHELF LIFE

The shelf life is one year when stored in the original, unopened container. Store containers in a well-ventilated and covered area away from extreme heat and moisture. Contact your ALPHATEK representative if you have any questions about the products or its uses.

10. SAFETY

Refer to the Safety Data Sheet for this product prior to use.