

AT 5001 - ALPHASLICK SPRAY

NANO-CERAMIC COATING

APPLICATION INSTRUCTIONS

1. PRODUCT DESCRIPTION

AT-5001 is an easy to apply nano-ceramic finish that makes treated surfaces extremely slick/hydrophobic. It has excellent self-cleaning properties because dirt, ice or snow will not attach to the hydrophobic surface. The dry film is optically clear and therefore perfect for glass and mirrored surfaces. It keeps glass and mirrors clear, easy to clean and prevents fogging. Once cured, AT-5001 provides excellent UV protection and can withstand extreme hot and cold temperatures making it the perfect solution for protecting a wide variety of surfaces from weathering. AT-5001 will significantly reduce friction and drag in water or air. AT-5001 is safe to use on food surfaces (once cured).

2. SURFACE PREPARATION

- Intended surface (metals, plastics, other paints or powder coatings) must be cool, clean and free from oils, dirt and any other previous contaminants.

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.
- AT-5001 is normally used on smooth surfaces.
- AT-5001 is most effective on metal, glass, plastic and acrylic surfaces.
- Apply AT-5001 by spraying onto the surface.
- Before initial coat can dry, take an AT-5001 dampened cloth and wipe in a circular motion to cover all of the intended surface. Work it into the surface to fill all micro-pores or minute scratches, leaving behind a thin biege wetish film on the treated surface.
- Allow the coating haze to dry completely creating a beige “dusty” film on the surface. Wipe-off or hand-buff to remove the beige dusty material leaving a slick clear film on the surface.
- Surface can be recoated at any time as needed to achieve the desired results. Most applications require only 1 - 2 applications.
- If food contact is expected, apply soapy water once the coating has been cured and buffed. Then rinse and wipe dry.
- Coating will continue to become harder and more durable over time and when exposed to elevated temperatures.

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7. DRYING & CURING TIMES

Solids	28%
Drying Time	Dry to the touch in approximately 25-30 minutes at ambient temperatures. Warmer weather or airflow will accelerate dry time.
Curing Time	<ul style="list-style-type: none">• Useable ambient cured properties are obtained in approximately 12-24 hours after application at 79°F /28°C or higher temperature.• Full cure (cross-linked) in 5 days. Warmer temperatures will result in a faster cure.• For smaller boards or kyaks, allow about 2 hours or longer before submerging in water.• For larger vessels/boats, allow at least 24 hours before submerging in water.

8. COVERAGE RATE

- Approximately 3,800 square feet per gallon (353 square meters per liter) at dry film thickness of 3 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.