



# (AT-705-AM) AM OUTDOOR

Part of the **AlphaSAFE** Antimicrobial Line

APPLICATION INSTRUCTIONS

## 1. PRODUCT DESCRIPTION

AM OUTDOOR is a high-performance nano-ceramic coating that creates a hard, super slick, long lasting hydrophobic clear finish. AM OUTDOOR significantly reduces drag on treated surfaces in water, air, or other mediums. Treated surfaces also become self-cleaning and will repel water, ice, snow, dirt, marine organisms, etc. AM OUTDOOR is durable and provides excellent UV protection. AM OUTDOOR is an inert (benign) material that is safe for use in marine environments. The coating may be re-applied as needed to maintain optimal performance. Coating is available in either a matte or glossy finish.

## 2. SURFACE PREPARATION

- Normally used as a top-coat over gel-coat or other rigid/hard surfaces.
- Intended surface should be cool, clean and free from oils, dirt and any other previous contaminants.

## 3. APPLICATION

*NOTE: As with any new material, always test application and finished properties on a low value test article or panel before working on valuable surfaces.*

- Desired dry film thickness is 2-3 microns.
- Coating is normally used on smooth surfaces where one or two applications are all that is necessary to seal the surface.
- Coating may be applied by a wipe-on method
- Wet a lint free cloth with a liberal amount of the coating.
- Use a circular or linear motion cover all of the intended surface. Work it over the surface to fill all micro-pores or small scratches. Slightly overlap “wet on wet” during application to ensure seamless coverage.
- Once entire surface is covered, allow the coating to dry slightly. This will take less than 5 minutes under most conditions.
- This should leave a slightly clear foggy film on the surface. Wipe surface with a clean micro-fiber towel to remove the foggy film leaving a “Super-Slick Nano-Ceramic” clear protection on the surface.
- The surface can be recoated at any time or as needed to maintain the desired results.
- A full cross linked cure will take approximately 5 days at ambient temperatures.
- **A coated surface may be immersed in water approximately 3 hours after it is dry to the touch (longer is better).**



# (AT-705-AM) AM OUTDOOR

Part of the **AlphaSAFE** Antimicrobial Line

APPLICATION INSTRUCTIONS

## 4. DRYING & CURING TIMES

<b>Solids</b>	19%
<b>Drying Time</b>	Dry to the touch in approximately 1-5 minutes at ambient temperatures. Warmer airflow will accelerate dry time.
<b>Curing Time</b>	Full cure (cross-linked) in 5 days. Warmer temperatures will result in a faster cure. Coated application may be submerged in water 3 hours after dry to the touch.

## 5. COVERAGE RATE

- Approximately 3,870 square feet per gallon (95 square meters per liter) at dry film thickness of 2 microns.

## 6. RELATED PRODUCTS

- Consider AT-1189-AM or AT-5002-AM for similar performance on military or industrial applications subject to extreme wear.

## 7. 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.

## 8. SAFETY

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