

# AT 5006 - ALPHASLICK ULTRA TEXTURED NON-SLIP

## NANO-CERAMIC COATING

## TECHNICAL DATA SHEET

AT-5006 AlphaSlick Ultra Textured Non-Slip is an environmentally friendly hydrophobic coating specifically formulated for maximum performance on rubber, PVC, and similar surfaces. AT-5006 is UV resistant and highly durable. It creates an extremely hydrophobic surface that resists the attachment of marine organisms, dirt, debris, ice, snow, water, etc. The self-cleaning surface maximizes performance while minimizing maintenance. AT-5006 is textured to create a non-slip surface perfect for areas requiring traction but that are often exposed to water making it the perfect solution for inflatable topside marine surfaces where traction is required in wet environments. AT-5006 is finely textured and therefore provides even more anti-slip protection than AT-5005.

Proudly manufactured in the USA.

### Technical Data

<b>Color</b>	Clear
<b>Viscosity</b>	16-18 sec. #2 Zahn
<b>Percent of Solids (%)</b>	19
<b>V.O.C</b>	Exempt per CFR 51.1 / Regulation 8
<b>RoHS</b>	Compliant
<b>REACH</b>	Compliant
<b>Halogens</b>	None
<b>Thermal Stability (cured)</b>	1200°F / 648.8°C
<b>Conical Bond (1/8" Mandrel) (ASTM D522-93a)</b>	Passed
<b>Cross Cut Adhesion (ASTM D3359)</b>	5B
<b>Coefficient of Friction (ASTM D2047)</b>	0.03μ
<b>Specific Gravity (ASTM D891-09)</b>	0.889
<b>Pencil Hardness (ASTM D3363)</b>	8h
<b>Odor (liquid)</b>	Slight Solvent
<b>Odor (cured)</b>	None

### Drying and Coverage Rate

<b>Average Applied Dry Film Thickness</b>	2 to 5 microns
<b>Estimated Coverage Rate (@ 3 microns)</b>	2,580 ft <sup>2</sup> (240 m <sup>2</sup> ) per gallon
<b>Dry to Touch Time (@ 77°F / 25°C)</b> *Warmer air flow (not exceeding 110°F) will reduce drying and full cure times	15 – 25 minutes (average)
<b>Ambient Cure (Full Properties)</b> *Exposure to direct sunlight or warmer ambient air will reduce time required to reach a fully cross-linked cure	24 hours

### Key Performance Properties

- Hydrophobic, water repellent surface.
- Wet-Grip non-slip surface when wet.
- Self cleaning.
- Anti-icing.
- UV resistance.
- Excellent adhesion. Creates intrinsic bond with the substrate.
- Clear.
- Non-flammable.
- Excellent coverage rate.
- Ambient cure, short dry time.
- Environmentally friendly. VOC exempt. Will not harm marine life.
- RoHS and REACH compliant.

### Common Applications

- Boats
- Marine ladder steps and hand rails
- Gangways
- Swim decks
- Shower floors
- Tub floors

### Supplemental Information

The AT - 5000 Series includes multiple high performance hydrophobic protective coatings designed for different end uses and a variety of slick, wet grip and textured finishes. Contact your AlphaTek representative to find the best coating for your requirements.