

AT 5007 - ALPHASLICK ULTRA TEXTURED WET GRIP

NANO-CERAMIC COATING

TECHNICAL DATA SHEET

AT - 5007 AlphaSlick Ultra Textured Non-Slip is an environmentally friendly hydrophobic coating specifically formulated for maximum performance on rubber, PVC, and similar surfaces. AT - 5007 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 - 5007 combines a clear textured surface with AlphaTek's Wet-Grip technology to create the highest performing non-slip surface in both wet and dry conditions. AT - 5007 is hydrophobic and therefore perfect for any wet environment. AT - 5007 is an inert (benign) material when cured and will not harm marine life or waterways.

Proudly manufactured in the USA.

Technical Data

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

Drying and Coverage Rate

Average Applied Dry Film Thickness	2 to 5 microns
Estimated Coverage Rate (@3 microns)	2,580 ft ² (240 m ²) per gallon
Dry to Touch Time (@ 77°F / 25°C) *Warmer air flow (not exceeding 110°F) will reduce "DTTT" and full cure time	15 – 25 minutes (average)
Ambient Cure (Full Properties) *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
- Textured Wet-Grip non-slip surface
- 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.