AT-1127-AM – AM PRO FLOOR

Part of the **AlphaSAFE** Antimicrobial Line

TECHNICAL DATA SHEET

AM PRO FLOOR is an ultra high-performing protective coating ideal for use on high traffic flooring surfaces. It is an easy to apply, single component coating that covalently bonds with the substrate to create an extremely long lasting, ultra durable protective finish. AM PRO FLOOR reduces deterioration caused by water absorption such as spalling, cracking, pitting, staining, and salt absorption, as well as the formation of mold and mildew. The hydrophobic properties repel water, dirt, and stains making cleaning and maintenance easy while also extending the life of coated surfaces. AM PRO FLOOR contains microparticle texture and WetGrip Technology that improves anti-slip properties when wet. The coating is suitable for most cementitious, stone, tile, and grout surfaces. AM PRO FLOOR is an extremely safe, inert material when cured. It is FDA-compliant and safe for use in restaurants and similar environments. It is odor free once the coating has cured.

Technical Data

Color	Clear
Percent of Solids (%)	32
RoHS	Compliant
REACH	Compliant
Halogens	None
Odor (liquid)	Slight Solvent
Odor (cured)	None

Drying and Coverage Rate

Estimated Coverage Rate (porous substrate) *will vary based on substrate	300 ft² (28 m²) per gallon
Estimated Coverage Rate (dense substrate) *will vary based on substrate	550 ft² (50 m²) per gallon
Application Temperature	55°F to 95°F (13°C to 35°C)
Dry to Touch Time (@ 77°F / 25°C) *Warm airflow will reduce drying time	25-45 minutes (average)
Re-Coat Time	1-2 hours
Dry Time Until Foot Traffic	12-24 hours
Ambient Cure (Full properties, including being submerged in water) *Colder surface temperatures may result in longer cure times	Minimum 5 days

Key Performance Properties

- Hydrophobic water and stain repellent protective surface.
- Anti-Slip: Microparticle Texture + WetGrip Technology.
- Highly durable and easy to clean.
- Clear (Finish: Flat – Matte – Satin – Glossy)
- UV resistance.
- Excellent adhesion. Creates intrinsic bond with the substrate. Soaks into the substrate for maximum long-term performance.
- Easy application
- Environmentally friendly.
- Safe for use on food surfaces.
- Odor free once cured.
- RoHS, REACH and USDA compliant.

Common Applications

Interior & exterior driveways, walkways, stairs, pool decks, patios, garage floors, retail spaces, restaurant & warehouse floors and walls.

Supplemental Information

Additional non-slip WetGrip additives and textured particles can be added for applications that require even more extreme anti-slip properties.

Example: Kitchen Floor

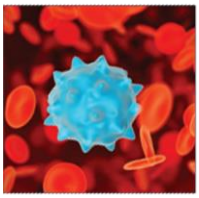
ALPHATEK MATERIALS, LLC 2372 Morse Ave., Ste. 167, Irvine, CA 92614 contact@alphatekmaterials.com

AlphaTek AlphaSAFE – Antimicrobial Additive Information

PROTECTING LIFE'S SURFACES

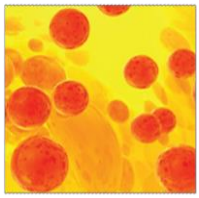
AlphaTek Materials is a leading innovator in advanced materials, performance coatings, and surface disinfection & sanitation solutions. AlphaTek's antimicrobial surface disinfectant sprays and coatings combine leading edge technologies to disinfect, sanitize, and protect non-biological surfaces from dangerous microorganisms.

AlphaTek's antimicrobial coatings protect almost any surface including floors, walls, doors, cookware, counters, tables, vehicles, operating rooms, handrails, elevators, clear plastics, textiles, and fabrics.



AlphaTek's High-Performance Nano-Ceramics

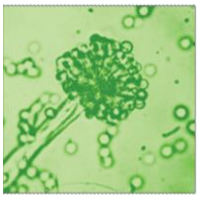
AlphaTek utilizes proprietary aerospace nano-ceramics to create a range of high-performance coatings. The nano-ceramic coatings covalently bond to almost any surface for long-term adhesion and extreme durability. AlphaTek's nano-ceramic coatings are low-VOC, easy to apply, and air cure under ambient conditions. Treated surfaces are hydrophobic and oleophobic. The ceramic matrix protects against abrasion, chemicals, and UV-radiation for the life of the coating.



AlphaTek Materials' Antimicrobial Additive

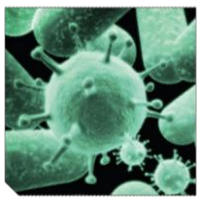
AlphaTek uses a powerful organosilicon-based antimicrobial additive that is an effective surface disinfectant and adds continuous biostatic (bacteriostatic, fungistatic, and algistatic) properties to coated surfaces. The antimicrobial is blended throughout the entire thickness of the coating for long-term antimicrobial durability.

The antimicrobial additive creates a network of electrically charged molecules on the exposed surface that ruptures the cell membrane of microorganisms that come into contact with the coating. The antimicrobial's physical kill mechanism is highly effective and does not promote the development of drug-resistant superbugs.



Other key properties of AlphaTek's antimicrobial additive:

- EPA Registered (83019-1) & NSF-51 Approved and FDA-compliant for Food Contact Surfaces.
- Protects plastics, textiles, and other coated surfaces from colonization by a wide variety of pathogens, viruses, bacteria, mold, algae, and other microorganisms.
- Proven effective to protect treated surfaces against colonization by Influenza and Human Coronavirus (untested against COVID-19).
- Does not contain any heavy metals and does not leach chemicals or metals out of the coating.
- Non-toxic and non-hazardous to humans and pets when used as directed.
- No transdermal absorption.



The antimicrobial properties help to continuously protect treated surfaces from potential colonization by a growing list of microorganisms, including:

- Coronavirus, Human
- Acinetobacter calcoaceticus
- Aeromonas hydrophilia
- Alternaria alternata
- Anabaena cylindricia
- Aspergillus flavus
- Aspergillus fumigatus
- Aspergillus Niger
- Bacillus cereus
- Bacillus subtilis
- Bacillus typhimurium
- Bipolaris australiensis
- Candida albicans
- Candida parapsilosis
- Cephaldascus fragans
- Chlorella
- Chlorophyta (green)
- Chrysophyta (brown)
- Citrobacter diversus
- Cladosporium herbarum
- Clonostachys rosea
- Clostridium perfringens
- Corynebacterium bovis
- Corynebacterium diphtheriae
- Cryptococcus humicola
- Cutibacterium acnes
- Enterobacter aerogenes
- Enterobacter agglomerans
- Enterobacter cloacae
- Enterococcus
- Enterococcus faecalis
- Epidermophyton floccosum
- Escherichia coli
- Fusarium nigrum
- Fusarium solani
- Geotrichum candidum
- Gliocladium roseum
- Gliomastix cerealis
- Klebsiella pneumoniae
- Klebsiella terrigena
- Iternaris species
- Mariannaea elegans
- Microsporum audouinii
- Monilia grisea
- Mycobacterium tuberculosis
- Oospora lactis
- Oospora lactis sp
- Oscillatoria borneti
- Penicillium albicans
- Penicillium chrysogenum
- Penicillium citrinum
- Penicillium notatum
- Penicillium variabilei
- Penicilliumn notatum
- Pleurococcus
- Proteus mirabilis
- Proteus vulgaris
- Protococcus
- Pseudomonas aeruginosa
- Pseudomonas cepacia
- Saccharomyces cerevisiae
- Salmonella enterica
- Salmonella typhi
- Salmonella typhimurium
- Scenedesmus quadricauda
- Selenastrum gracile
- Serratia liquefaciens
- Serratia marcescens
- Stachybotrys atra
- Stachybotrys chartarum
- Staphylococcus aureus
- Staphylococcus epidermidis
- Streptococcus faecaliis
- Streptococcus pyrogenes
- Trichoderma flavus
- Trichophyton interdigitale
- Trichophyton mentagrophytes
- Trichosporon mucoides
- Vancomycin-resistant enterococci

WWW.ALPHATEKMATERIALS.COM

For more information & sales, contact:

AlphaTek Materials, LLC

2372 Morse Avenue, Ste. 167, Irvine, CA 92614

+1-949-387-4271 | contact@alphatekmaterials.com

EPA Co. No. 096235 | EPA Est. No. 96235-CA-1 | EPA Reg. No. 83019-1

PROUDLY MADE IN USA