

proTECHzÜ
ANTIMICROBIAL SURFACE PROTECTION
VIRA-BLOCK 247 AMD

proTECHzÜ VIRA-BLOCK 247AMD IS A CLEAR SPRAYABLE SOLUTION TO PROTECT SURFACES FROM MICROBIAL COLONIZATION FOR EXTENDED PERIODS OF TIME

<p>PRODUCT DESCRIPTION</p>	<p>proTECHzÜ Vira-Block 247AMD Antimicrobial Treatment:</p> <ul style="list-style-type: none"> • a non-toxic coating solution that becomes a covalently bonded antibacterial coating. • a spray on clear solution that can be applied to any surface that will withstand short term exposure to a water based antibacterial surface protecting coating. • sprays on wet and dries to a clear micro thin barrier that combats virus colonization on the treated surfaces for up to 30, 60 or even up to 90 days depending on the amount of surface abuse or abrasion the surface receives. • may be applied by electrostatic sprayer, trigger sprayers on textiles or hard surfaces or hand wiped to clean and disinfect those surfaces. 		
<p>PROPERTIES</p>	<p>Colour Clear</p>	<p>Estimated Coverage Rate (Porous Substrate)</p>	<p>250-300 sq./ft. per gallon*</p>
	<p>V.O.C. Low</p>	<p>Estimated Coverage Rate (Dense Substrate)</p>	<p>500-550 sq./ft. per gallon*</p>
	<p>Odor (liquid) Pleasant</p>	<p>Estimated Coverage Rate (using Electrostatic Sprayer)</p>	<p>3500-5000 sq./ft. per gallon*</p>
	<p>RoHS Compliant</p>	<p>Dry to Touch (Time at Ambient)</p>	<p>15 minutes*** (average)</p>
	<p>REACH Compliant</p>	<p>Recoat</p>	<p>As needed or wanted</p>
	<p>Halogens None</p>	<p>Foot Traffic</p>	<p>20-30 minutes</p>

* applied thickness & absorbency of the solution into the substrate will vary results.

** warm ambient temperature may help to reduce the dry time.

** allow more cure time if applied at the colder temperature side of the spectrum

- Proper application via electrostatic or fine mist sprayers will allow the product to be applied to almost any surface without negative results. (i.e.; electronic keyboards, computer screens, acrylic sheeting, table tops, chair surfaces, etc.)
- Proper application, in general, means the product is being applied as a fine covering mist to cover the intended surfaces without saturation, drips, runs, etc.

THE FOLLOWING IS A PARTIAL LIST OF MICROORGANISMS THAT proTECHzÜ VIRA-BLOCK 247 IS EFFECTIVE AGAINST

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

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