

WARRIOR™ MICROBIAL Ag⁺ SHIELD

ANTIVIRAL / ANTIMICROBIAL COATING

Warrior™ Microbial Ag⁺ shield offers a new and effective way of keeping high-contact areas in professional and private settings viruses and microbes free. The antiviral/ antimicrobial effect of Warrior coating will last for a long time and make the surface more durable. The coating does not just offer protection against viruses, germs and microbes, but will also gloss finish to the surface.

Proven by Research and International Standards

Research indicates that bacteria develop resistance against various types of antibacterial products, but with the use of nanosilver technology this can be avoided as microbes can't develop resistance against silver thus the products developed with the help of active silver technology can provide us long lasting protection to us without developing a resistance against microbes. The efficacy of antiviral/antimicrobial ingredient used to develop coatings can be verified by means of micro-biological tests. Nanosilver is certified according to international standards.

- ISO 22196:2007, JIS L1902:2002,
- DIN EN ISO 20743:2007-10
- SN 195921, ASTM G21 96, JIS Z 2911:1992
- Silver Leaching: 10993: 2002-17



Coatings are available in 1Ltr, 5 Ltr and 20 Ltr pack sizes.

*Pictures are for the representation purpose only.



Tests Conducted and Passed

- **Antiviral Test for non absorbent surfaces as per ISO: 21702 (99.99% SARS CoV-2 virus neutralization achieved)**
- **Antibacterial Test for non absorbent surfaces as per ISO:22196:2011 (99.9% bacterial kill efficiency[@] achieved)**

Antiviral /Antimicrobial Specifications

- Backed by Superior Ag⁺ technology
- Inhibits the growth of virus, bacteria and microbes.
- Nanosilver technology has also proven effective against SARS-CoV-2 viruse.
- Active Silver particles can be integrated homogeneously into all substrates as easily as usual dye pigments.
- Ag⁺ technology does not contain any unnecessary filler & is processable at high temperatures as the stability of the Ag particles are excellent even at temperatures above 300°C.
- AgPURE™ Silver is non-toxic to humans and animals.

DISCLAIMER: This is not a medical device & for use only as a paint/ coating, does not guarantee against infections and is not a cure.



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Reinste
Nano Ventures



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@ As per test Certificate no. D200523008/D200523008-1 dated 02-Jun-2020 as per ISO:22196:2011 from Spectro Analytical Labs Limited.

Key Features of Warrior™ Microbial Ag⁺ Shield

- **Broad spectrum antiviral/ antimicrobial action**
- **Hydrophobic**
- **Anti-static, less build-up of dust and dirt**
- **Anti-stick property**
- **Good gloss & filling of micro scratches**
- **Smooth finish with gloss**
- **Easy2clean**
- **Good Durability**
- **Quick and easy application**
- **Long-lasting**
- **Easier and faster cleaning**

**2100%
Cost effective #**

Instruction for application

- Wear gloves while using this product.
- Clean the surface to make it ready for the coating.
- Pour the mixture in a wide mouth container. Use a paint brush or roller to apply it on the surface. Use the mix within stipulated time given in the instructions document.
- For more details please refer to the "**Application instruction document & TDS**".

About Us

- Warrior™ Microbial Ag⁺ Shield is a finished product manufactured and marketed by Reinste Nano Ventures Pvt Ltd.
- Reinste is the manufacturer, importer, distributor, supplier of nanomaterials & superior Nanotechnology based Products since 2006.

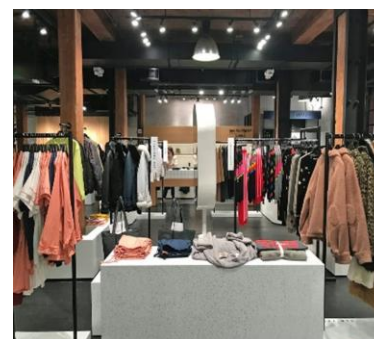
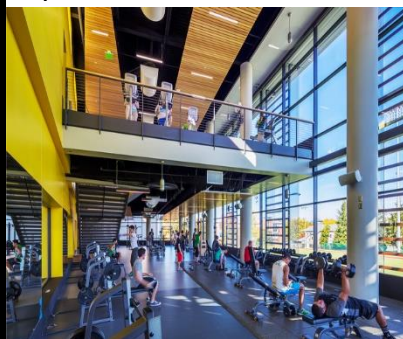
Application Areas

Home and Office

Warrior™ Microbial Ag⁺ shield is the best solution to make your workplace/home safe. This coating provides a shield and protects all surfaces from viruses, bacterial, fungal exposures. This coating can be used to furniture, kitchen surface, home wall, flooring, windows and water taps and switches etc.

Retail Store

Retail outlets are the most frequently visited place which is high on risk, so they demand antiviral/ antimicrobial coating to make every asset germ free and hence Microbial Ag⁺ shield serve right solutions for them. This coating can be applied on doors handles, Luggage trolleys, delivery box, packets etc.



Gadgets and Recreational Centers

As per researchers more than 80% of infectious diseases spread just by a touch. To prevent such situations, we can coat all the personal gadgets such as laptops, phones, remotes, sports equipments, gym equipment, keys etc. with a antiviral/antimicrobial coating. Surfaces are also protected against micro scratches and dirt with the coating.

Transportation

Warrior™ Microbial Ag⁺ shield provides antiviral/antimicrobial protection with high durability in transport vehicles and systems including cars, trains, buses, airplanes and marine vehicles.

Hospitals

Healthcare Associated Infection is considered a major health challenge in healthcare sector worldwide and in this pandemic situation, conditions are worse. At this time Warrior™ Microbial Ag⁺ shield is providing the best solution to make the health industry safe to work. This coating provides a shield and protects all surfaces from bacterial, viral and fungal exposures. This coating can be applied on all the non absorbant surfaces such as, door handle, reception area, tapes etc.



Product Name	Base Coating	Product Codes	Antiviral/ Antimicrobial Variants	Coverage (sq ft/ lt)	Pack Size(lt)	Area	Application surfaces	MRP (for L grade)
Warrior™ Microbial Ag ⁺ Shield	Acrylic based base coating	RN-AW3-L	● Slight	150- 200	1	Internal/ External	Plastic, Glass wooden and Ceramic	10800/-
		RN-AW3-M	● Significant		5			48600/-
		RN-AW3-H	● Strong		20			172800/-