

WARRIOR™ MICRO SURFACE SHIELD

ANTIVIRAL /ANTIMICROBIAL COATING

Warrior™ Micro Surface Shield is a thin-layer durable epoxy based antiviral/ antimicrobial coating having mechanical strength and good adhesion to a variety of substrates. Antiviral/ Antimicrobial surface coatings of walls, floors and other surfaces can fight the microbial and viral menace in homes/offices/hospitals.

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 resistance against microbes. The efficacy of antimicrobial ingredients used to develop coatings can be verified through microbiological 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 911:1992
- Silver Leaching: 10993: 2002-17

2100%
Cost effective #



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)*

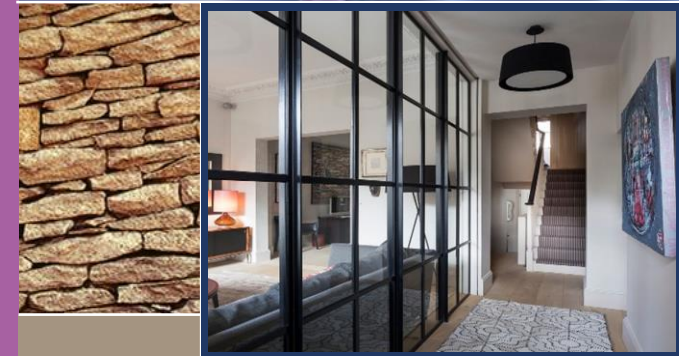
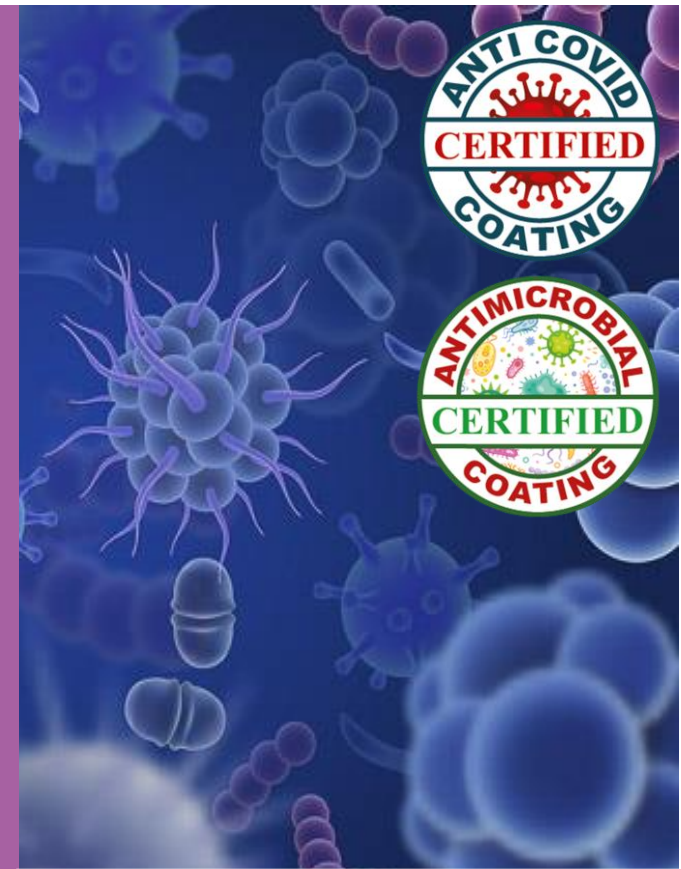
Antiviral /Antimicrobial Specifications

- Backed by Superior Ag⁺ technology
- Inhibits the growth of virus, bacteria and microbes.
- Nanosilver technology has also proven effective against SARS-CoV-2 virus.
- 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 Pvt. Ltd.

A118, level II, Sector 63, Noida, U.P. 201301, India

P: 0120-4781212/213 | M: 9810662669

Website: www.agsterilized.com / www.hiyka.com

E mail: info@reinste.com

@ 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™ Micro Surface Shield

- **Broad-spectrum antiviral/antimicrobial action**
- **Good Hydrophobic**
- **Anti-static, less build-up of dust and dirt**
- **High gloss & filling of micro scratches**
- **Smooth finish with gloss**
- **Easy2clean**
- **Good Durability**
- **Quick and easy application**
- **long-lasting**
- **Easier and faster cleaning**
- **Good mechanical strength**
- **Scratch resistance**
- **Excellent adhesion to various substrates**

Instruction for application

- Wear gloves while using this product.
- Clean the surface to make it ready for the coating.
- Mix component A and component B together and stir it well for 10 minutes. Use thinner for achieving proper viscosity.
- Pour the mixture in a wide mouth container.
- Use a paint brush or roller to apply it on the surface. Use the mix within the stipulated time given in the instructions document.
- For more details please refer to the "**Application instruction document & TDS**".

About Us

- Warrior™ Micro Surface 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 & Office

Warrior™ Micro Surface Shield can be applied on various surfaces, makes that surface antiviral/ anti-microbial for a long time. This coating can be used to furniture, kitchen surface, home wall, flooring, windows, water taps and switches etc.

Hospital

Healthcare-Associated Infections are considered a major health challenge in healthcare units worldwide and in this pandemic situation, conditions are worse. At this time Warrior™ Micro Surface 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.

Gadget

As per researchers, more than 80% of infectious diseases spread just by a touch. To prevent such situations, the Micro Shield can be applied to all the personal gadgets such as laptops, phones, remotes, sports equipment, keys etc. with a liquid glass shield coating, surfaces are also protected against micro-scratches and dirt.

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 Warrior™ Micro Surface Shield serves the right solutions for them. This coating can be applied on doors handles, Luggage trolleys, payment counter etc.

Transportation

Warrior™ Micro Surface Shield provides antiviral/ antimicrobial protection with high durability in transport vehicles and systems including cars, trains, buses, airplanes and marine vehicles. The coating can be applied on all these surfaces aspect textile material is used in vehicles, i.e. seats, flooring, roof, steering wheel, window glass and door etc. The term automobile surfaces mean all types of metals, glass, ceramic, wood, stone and plastics used in automobiles.



Product Name	Base Coating	Product Codes	Antiviral/ Antimicrobial Variants	Coverage (sq ft/ lt)	Pack Size(lt)	Area	Application surfaces	MRP (for L grade)
Warrior™ Micro Surface Shield	Epoxy based base coating	RN-EW3-L RN-EW3-M RN-EW3-H	<div>● Slight</div> <div>● Significant</div> <div>● Strong</div>	150- 200	1 5 20	Internal/ External	Metals, Glass, Ceramic, Wood, Stone & Plastics	18000/- 81000/- 288000/-