

WARRIOR™ ADTL Ag⁺ SHIELD

ANTIMICROBIAL COATING

Warrior™ ADTL Ag⁺ Shield can be used widely around the homes/offices/ vehicles and is suitable for leather/textile surfaces. The Antimicrobial properties prevent the spread of bacteria and viral contamination by destroying microbes on contact.

One single application of Warrior™ ADTL Ag⁺ Shield's Antimicrobial Coating gives you 6-12 months surface protection so you can be more than reassured of extra protection against invisible threats.

How Warrior™ ADTL Ag⁺ Shield is unique?

- Strong antiviral and antibacterial effects.
- Suitable for all leather, medical nonwovens, fabrics for clothing and home textiles.
- The effect remains after soft cleaning and wiping.
- Provides self-sanitizing and germ-resistant surface.
- Used for antimicrobial & odor control treatments on textiles & leather.

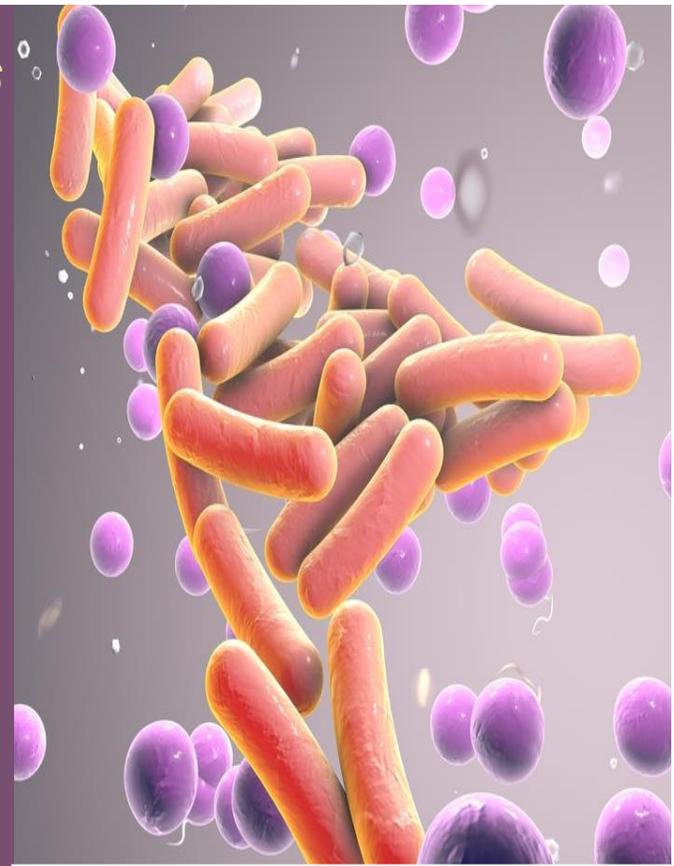
99.9% kill efficiency
@Tested & proved



Antimicrobial / Antiviral Specifications

- Backed by Superior Ag⁺ technology
- Inhibits the growth of bacteria and microbes.
- Nanosilver technology has also proven effective against viruses* Influenza, HIV and TGEV(a type of coronavirus).
- 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.
- Due to the different modes of action (reduction of germ adherence disturbance of the germs, K⁺-metabolism and irreversible reaction with S containing amino acids) and due to the marginal Ag⁺-release, nanosilver does not induce or propagate bacteria resistance.
- AgPURE™ Silver is non-toxic to humans and animals.
- 99.9% of bacteria are eradicated within hours
- The antimicrobial effect does not decrease over a period of time even When exposed to UV light or subjected to harsh cleaning procedures.

**As per published research literature in renowned peer-reviewed international journals*



WARRIOR™ ADTL Ag⁺ SHIELD
ANTIMICROBIAL COATING



Reinste Nano Ventures Pvt. Ltd.

A-118, 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

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

Key Features of Warrior™ ADTL Ag⁺ Shield

- **Broad spectrum antimicrobial action**
- **Hydrophobic and slight oleophobic**
- **Dirt repellent and easy to clean**
- **Easy application**
- **Good durability**
- **Smooth finish**
- **Chemical weatherability**
- **Slight oil repellency**
- **Thermal stability**
- **UV Stability**

2100%
Cost-effective[#]

Instruction for application

- Wear gloves and goggles
- Shake well before use.
- Spray the ready-to-use Warrior™ ADTL Ag⁺ Shield on the dry dirt free surface.
- Leave the surface for 24 h for curing.
- For more details please refer to the "**Application instruction document & TDS**".

Reinste Nano Ventures

- Warrior™ ADTL 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.
- At Reinste Nano Ventures, we ardently believe that innovation and differentiation are the fundamental components of growth and enlightenment.

Application Areas

Healthcare Industry

The healthcare industry has wide applications for antimicrobial textile coating. The healthcare industry is required to maintain high standards of hygiene and bacteria-free environment. The industry can use Warrior™ ADTL Ag⁺ Surface Shield antimicrobial coating in bed/ linens, surgical gowns and curtains to prevent infection.

ADTL Ag⁺ Surface Shield antimicrobial coating has active agents that provide antimicrobial property against a wide range of microbes.

Home, Hotels and Offices

In current situation, microbial protection is much needed in everywhere i.e. homes, offices and hotels etc. The coating can be applied at furnishing fabrics including upholstery fabrics, soft floor coverings, wallcoverings, window furnishing (curtains, drapes, blinds), accessories such as cushions and throws. Household textiles include all textiles used in domestic interiors apart from furnishing fabrics, for example, bedding, towels, blankets, tablecloths and napkins.

Solvent based textile/leather coating

Transport Industry

Warrior™ ADTL Ag⁺ provides antimicrobial protection with high durability in transportation vehicles and systems including cars, trains, buses, airplanes and marine vehicles. The coating can be applied to all these textile materials is used in vehicles, i.e. seat cover, seat belt, carpets, roof and door liners. The term automobile textile means all types of textile components e.g. fibers, filaments, yarns, leather and the fabric used in automobiles.

- Provide good UV protection
- Excellent color & gloss retention.
- Facilitates easy cleaning dirt or water residues.



Product Name	Base Coating	Product Codes	Antimicrobial Variants	Coverage (sq ft/ lt)	Pack Size(lt)	Area	Application surfaces
Warrior™ ADTL Ag ⁺ Shield	Nano polymer based solvent base coating	RN- ADW3-L RN- ADW3-M RN- ADW3-H	<ul style="list-style-type: none"> ● Slight ● Significant ● Strong 	60 – 200 [@]	1, 5, 20	Internal/ External	All fabrics and leather surfaces