

WARRIOR™ LTEX Ag⁺ SHIELD

ANTIMICROBIAL COATING

Warrior™ LTEX 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 bacterial and viral contamination by destroying microbes on contact.

The tried and tested nano silver technology helps in not only tackling bacteria and fungus but also helps in fighting viral spread and growth. Its high coverage area per litre and durability over time makes it a better coating than any other product.

How Warrior™ LTEX 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



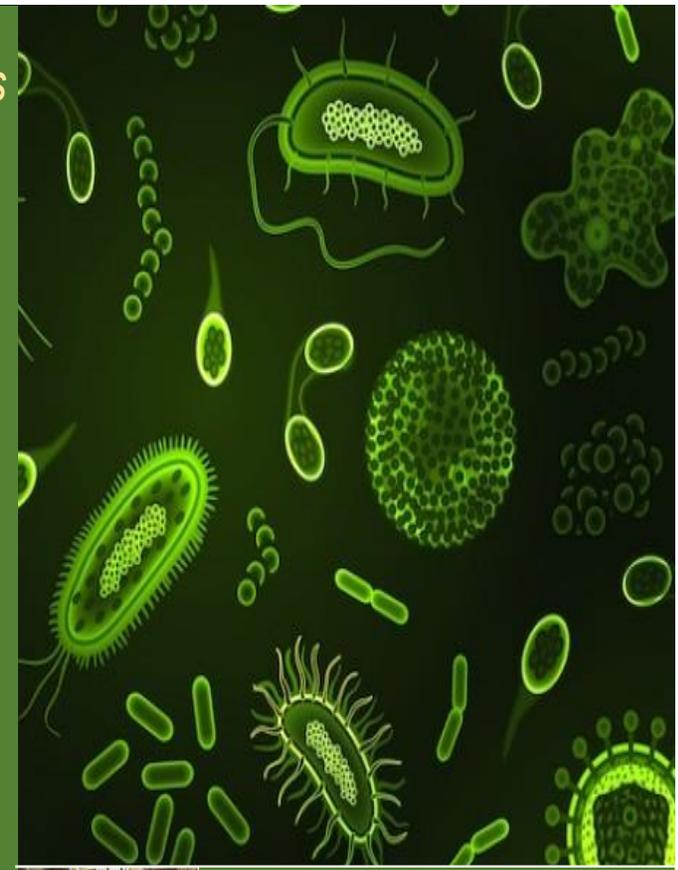
Coatings are available in 1Ltr, 5 Ltr and 20 Ltr pack sizes.

#Pictures are for the representation purpose only.

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*



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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™ LTeX Ag⁺ Shield

- **Broad spectrum antimicrobial action**
- **Hydrophobic and slight oleophobic**
- **Dirt repellent and easy to clean**
- **Excellent color & gloss retention**
- **Good UV-protection**
- **Good Durability**
- **Perfect finish**
- **Easy-to-apply**
- **Very cost effective**
- **Thermal 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 surface for 24 h for curing.
- For more details please refer to the "**Application instruction document & TDS**".

Reinste Nano Ventures

- Warrior™ LTeX 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.

#@<http://hiyka.com/sanitation-services/>

Application Areas

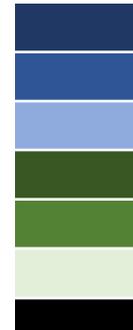
Healthcare Industry

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

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

Home, Hotels and Offices

In the 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.



Water based textile/leather coating

Transport Industry

Warrior™ LTeX Ag⁺ Shield provides antimicrobial protection with high durability in transport vehicles and systems including cars, trains, buses, airplanes and marine vehicles. The coating can be applied to all these textile materials 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™ LTeX Ag ⁺ Shield	Silica and wax based water base coating	RN-FW10-L RN-FW10-M RN-FW10-H	<ul style="list-style-type: none"> ● Slight ● Significant ● Strong 	200- 300	1, 5, 20	Internal/ External	All fabrics and leather surfaces