Our Antimicrobial Coating Technology Provides Long-Term Protection of Surfaces and Materials
SilvaKure™ uses silver ion technology, an antimicrobial substance that is REACH compliant and approved by the EPA, FDA and NSF for its broad-spectrum performance and its suitability for deployment in a range of materials and applications including medical and surgical equipment and even medical implant devices.

SilvaKure™ is integrated at the manufacturing stage of a FORTIFI™ Functional Coating ensuring that the protective properties will remain present and active throughout the expected lifetime of the coated surface or material.

FORTIFI™ COATING WITH SILVAKURE™ BENEFITS:
• Disrupts the growth of disease-causing bacteria, mold, fungal and viral pathogens
• Minimizes the risk of cross-contamination and transmission
• The active Silver Ion component is EPA, FDA and NSF approved and REACH compliant
• Significantly improves durability and chemical resistance of coated surfaces
• Available in:
  – UV-curable and water-based formulations
  – Various finishes from matte to semi-glossy and textures
  – Compatible with roller coating, screen printing or spray equipment

HOW SILVER ION TECHNOLOGY WORKS
SilvaKure™ antimicrobial technology works at a cellular level to continually disrupt the growth and reproduction of bacterial and viral microorganisms that contaminate a treated surface. Silver ions deliver a multi-pronged attack by damaging the protein, cell membrane, DNA and internal systems of a microbe, causing it to die.

Unlike disinfectants, which provides short-term protection, integrated antimicrobial technology works to continuously reduce the number of microbes on a treated product throughout its expected lifecycle.

Results were based on JIS Z2801 testing method

*Results were based on JIS Z2801 testing method
FORTIFI™ FUNCTIONAL COATINGS

The FORTIFI™ Functional Coatings are designed to work on a wide variety of material and surfaces including PVC, acrylic, PET, HDPE, paper and board, coated metals and more. Every coating is specifically formulated to meet the end application requirements and enhance the overall performance of the coated product or surface - below are a few of the more popular coatings:

- **SolarShield™** – Long-term UV resistance clear designed to extend outdoor life
- **SmokeScreen™** – Flame suppressing clear with anti-graffiti properties for wall coverings
- **ShurFoot™** – Anti-slip and anti-skid coatings (UL 410 Slip Resistance for Floor Surface Material Certified)
- **Cleaner Resistance** – resistant to common household and industrial cleaners *including most cleaners listed as effective against COVID-19 by the EPA*
- **Chemicals and Water Resistant** – resistant to water, gasoline, brake fluid and aggressive solvents like MEK and Acetone
- **Thermoforming able** – compatible thermoforming process with the 500% elongation
- **Anti-Graffiti** – enables even surfaces with spray paint to be easily cleaned
- **Dry Erase** – allows any coated surface to become a dry erase capable
- **Inkjet Receptive** – provides improved digital ink adhesion on a wide variety of rigid and flexible materials

Our chemists can develop a coating for most material and surfaces designed to meet virtually any challenge. By adding SilvaKure™ to the formulation – they can add antimicrobial properties to surface coated with one of our FORTIFI™ Functional Coatings.

OUR DIFFERENCE

Polymeric is more than an industrial coatings manufacturer – we’re a solutions provider. We recognize our role as an industrial print supplier is to adapt to your processes and unique challenges. That’s why we develop an ongoing, consultative relationship with our customers to understand your unique challenges.

Our ink and coating solutions often transcend their role in the process – by reducing production costs, streamlining assembly and manufacturing processes, in addition to enhancing end-product life and vibrance in the toughest of environments.

Our customers include digital OEMs, printer and printhead manufacturers, and end users. Our unique solutions run the gamut of the major printing processes: screen, digital, textile, as well as functional coatings.