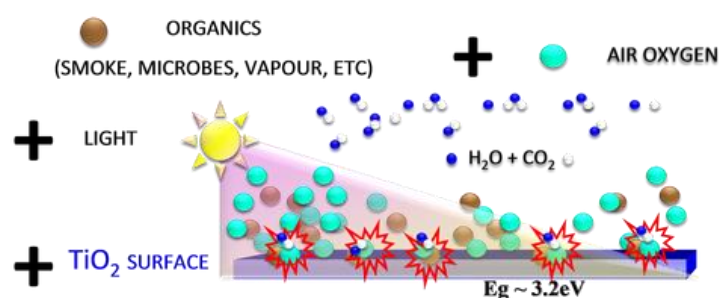


Concentrations of various hazardous substances in the air have a negative impact on both human health and the environment. High levels of allergic diseases, spreading infections, bad smell and darkening facades of the buildings are just few examples of the consequences of polluted air. According to the WHO poor air quality is the cause of more than 15% of chronic diseases. GILARMO together with partners have developed the effective technology and solutions to reduce the level of air pollution in cities, address the issue of air purification in common areas and effectively combat the spread of microbes and viruses.

### **ANSILVER® - ANTI-MOLD AND ANTIBACTERIAL SYSTEM**

The patented ANSILVER® technology is based on the natural antibacterial and anti-fungal properties of silver. ANSILVER® ingeniously exploits its unique antimicrobial properties by incorporating silver into special patented formulas that allow silver ions to continuously migrate to active high-surface areas. Silver ions are effective in killing many harmful bacteria, fungi and viruses. Because the patented formulas ensure the slow release of silver ions, ANSILVER® is very effective in inhibiting microbial growth in the long run.

The spray coatings “**ANSILVER®T exterior**“ and „**ANSILVER®T interior**“ has been developed on the basis of the latest knowledge in the field of nanotechnology and is designed for indoor and outdoor use. It forms a protective mineral photocatalytic top layer containing titanium dioxide and silver chloride. As a combination of chemical and photocatalytic effect, this coating effectively removes organic and inorganic contaminants, viruses, bacteria and other microorganisms from the air. In the interior the coating applies ceilings and walls and acts as an air purifier.



The photocatalytic activity of the coating depends on the ultraviolet light (UVA) which is a part of the sunlight, or must be obtained from an artificial source. For this purpose, LED UVA lamps were ordered by GILARMO to be made in one Lithuanian company.

The application of the coating is very simple and time-saving. The coating does not require any maintenance, so its effectiveness is reduced only by mechanical damage or by the absence of UVA light. The coating suspension is environmentally friendly, transparent, free of organic solvents, has a neutral pH and is harmless to the health.

#### ANSILVER®T benefits:

- cleans the air of volatile organic compounds (often carcinogenic);
- has antibacterial properties, prevents mold growth;
- prevents the growth of microorganisms; creates a hygienically safe, clean and healthy environment;
- removes bad odours;
- is more efficient than any standard air purifier with minimum energy consumption (it only needs the UVA light);
- prolongs the service life of the coated materials and keeps their surfaces clean and hygienic;

#### ANSILVER®T can be applied:

- in all medical institutions in the field of healthcare;
- in schools and kindergartens;
- in restaurants and hotels;
- in public buildings;
- in supermarkets, swimming pools and sports clubs;
- in industry. In food processing, light industry firms;
- In farms etc.