

Press Release

11/02/2020

“SAN-Antimicrobial” line

San-Antimicrobial components prevent the development of microbes, bacteria, mildew and fungi avoiding their proliferation ensuring a perfect sanitizing.

Also in 2019 during the World Antibiotics Awareness week, 12-18 November, promoted by the World Health Organisation, Animal Health and by the FAO, the 11th Edition of the European Antibiotic Day was celebrated to raise awareness of the importance of antibiotics and their appropriate use among the population and the healthcare profession.

Data collected by the leading antibiotic resistance surveillance organisations in Europe, show that antibiotic resistance is becoming a serious danger.

According to the World Health Organisation, antimicrobial resistance represents, today, one of the greatest threats to public health, due to the epidemiological and economic impact of the phenomenon. There are very high resistance rates especially for some of the main bacteria responsible for care-related infections and community infections, such as *Clostridium difficile*, *Pseudomonas aeruginosa*, methicillin-resistant *Staphylococcus*, *Heterococci* resistant to vancomycin, *Acinetobacter baumannii*, *Escherichia Coli* and *Klebsiella pneumoniae*.

Elesa S.p.A. recently enlarged its SAN line with new components in technopolymer, perfectly in line with the main themes of the European Antibiotic Day. The aim is to solve a problem of great importance with which countries around the world are facing: the danger of antibiotics resistance. This phenomenon leads microorganisms to resist against antimicrobial drug activities.

San-Antimicrobial components, thanks to the special technopolymer containing antimicrobials additives based on silver ions (without active pharmaceutical ingredients, antibiotics or pesticides) that, penetrating the surface of the cells, attack their DNA, preventing the proliferation of unhealthy organisms such as microbes, bacteria, mildew and fungi.

These components are ideal for medical, hospital, rehab and disability aids and equipment, machines for the pharmaceutical industry, street furniture and public places.

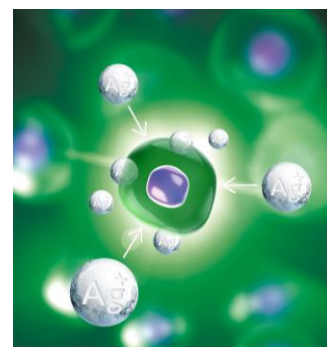
Laboratory tests show that 98,9% of the bacteria is eliminated over the course of 24 hours (ISO 22196: 2001).

The inalterability of the antimicrobial characteristics extended over time, even after many hot washing cycles, is made possible by the controlled mechanism of silver ions release over time of these products.

SAN products are available in technopolymer RAL 7021 grey-black or in



The range of components for sanitary equipment: handles, grip knobs, solid knobs, wing nuts and adjustable handles of the SAN-Antimicrobial line by Elesa+Ganter - Self-sanitisation against microbes, bacteria and fungi.



HOW SILVER IONS AG+ WORK

1. They break through the microbe cell wall
2. They interrupt intracellular enzymes
3. They attack the dna of the microbe to stop cell replication

Press Box

Contact: Fabio Invernizzi

E-mail: fabio.invernizzi@elesa.com

ELESA S.p.A.

Via Pompei, 29 - 20900 Monza (MB) Italia

tel. +39 039 2811.1 - info@elesa.com

elesa.com

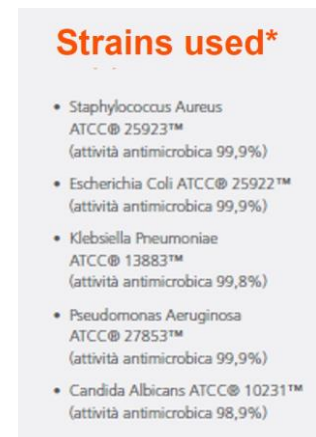
STANDARD MACHINE ELEMENTS WORLDWIDE

the new RAL 9016 white colour. The laser-engraved logo is clearly recognisable on the matte surface.

While scrupulously carrying out traditional sanitisation procedures in environments, especially in public places, hospitals and long-term care facilities where it is easier and faster to contract infections, 5-30% of surfaces or objects a microbial contamination can persist. It is therefore important to provide prevention to reduce the possibility of contracting these infections in such environments.

Starting, first of all, with hygiene and frequent hand washing, which represent the main vehicle for transmitting bacteria.

Other solutions could be: use antibiotics only when necessary, provide screening actions for carriers / patients potentially infected by bacteria or, when necessary their isolation and arrange, especially in hospital environments for high frequency contact surfaces - such as bed sides, handles, tables and mixer taps - materials able to kill bacteria.



Tests were carried out by CSI S.p.A., a laboratory accredited and recognised by ACCREDIA the National Accreditation Body. The laboratory complies with the requirements of UNI CEI EN ISO / EC 17025. Certificate identification: C0144 \ FPM \ FOOD \ 19_1_2.



All components of the SAN-Antimicrobial line have received the Statement of Compliance "Antimicrobial Properties of Materials".

Press Box

Contact: Fabio Invernizzi
E-mail: fabio.invernizzi@elesa.com

ELESA S.p.A.
Via Pompei, 29 - 20900 Monza (MB) Italia
tel. +39 039 2811.1 - info@elesa.com

elesa.com
STANDARD MACHINE ELEMENTS WORLDWIDE

elesa®