

SANIT-ACTION SYSTEM



Ag⁺

SILVER IONS
TECHNOLOGY



SANIT-ACTION SYSTEM, SILVER IONS AND QUATERNARY AMMONIUM SALTS, ALLIES FOR MAXIMUM HYGIENE.

A synergic “sanitizing action” combining the **SANIT-ACTION FINISH** treatment which, thanks to silver ions, guarantees a constant and long-lasting barrier against germs and bacteria and the routine

maintenance treatment **SANIT-ACTION CLEANER** which, with its quaternary ammonium salts - Benzalkonium chloride, performs a triple sanitizing, cleaning and deodorizing action on the treated floor. An unbeatable combination formulated by Vermeister to satisfy the need for deep-down hygiene of wood floors.

SANIT-ACTION FINISH

Two-component water-based finish for wood floors with sanitizing action.

polyurethane two-component water-based finish, formulated with the latest generation of nanoparticle additives which, in direct contact with water, release positively charged ions generating a lasting and impenetrable sanitizing barrier on the wood floor.

The antimicrobial properties of ionized silver were already well-known in antiquity: the Phoenicians stored water in bottles coated in silver to prevent contamination. In the nineteenth century, it was discovered that of all the metals, the one that demonstrated the most antibacterial properties and the least toxicity for humans was indeed silver. With the advent of antibiotics, the use of silver as an antimicrobial agent fell dramatically, but the presence of bacterial strains resistant to antibiotics has led to a renewed interest nowadays in this noble metal. In fact, it is believed that silver not only has antimicrobial, but also anti-viral and antimycotic properties.

Against viruses: by inserting itself between the complementary nitrogenous bases, silver causes the denaturation of viral DNA molecules. Against fungi: by attaching itself

to the cellular wall, silver migrates inside it and neutralizes its functionality. Against bacteria: silver disactivates the enzymes responsible for the oxidative metabolism, causing the death of the single-cell organism. In-vitro studies have demonstrated that silver is particularly effective against E. coli and Staphylococcus aureus, respectively Gram-negative and Gram-positive bacteria generally used as the basic criterion in bacterial load reduction tests in accordance with ISO 22196:2011. As the result of a constant and controlled release of cations, **SANIT-ACTION FINISH** performs a long-lasting protective action against germs and bacteria, it complies with the standard according to ISO 22196:2011 and is recommended in all those places where enduring protection is required against bacterial agents. Added to these characteristics, **SANIT-ACTION FINISH** also offers unmatched qualities of resistance to abrasion, rubber marks and chemical agents making it an ideal product for environments with heavy traffic (hair salons, shops, public areas, etc.).

Ag⁺

SILVER IONS TECHNOLOGY



Caratteristica	Parametro secondo ISO 22196	Valore	Unità
Capacità di penetrazione	1.000 µg/m ²	1.200 µg/m ²	g
	1.000 µg/m ²	1.200 µg/m ²	g
Capacità di penetrazione (SISTEMATO)	1.000 µg/m ²	1.200 µg/m ²	g
	1.000 µg/m ²	1.200 µg/m ²	g
SISTEMATO FINISH	1.000 µg/m ²	1.200 µg/m ²	g
	1.000 µg/m ²	1.200 µg/m ²	g

Caratteristica	Parametro secondo ISO 22196	Valore	Unità
Capacità di penetrazione	1.000 µg/m ²	1.200 µg/m ²	g
	1.000 µg/m ²	1.200 µg/m ²	g
Capacità di penetrazione (SISTEMATO)	1.000 µg/m ²	1.200 µg/m ²	g
	1.000 µg/m ²	1.200 µg/m ²	g
SISTEMATO FINISH	1.000 µg/m ²	1.200 µg/m ²	g
	1.000 µg/m ²	1.200 µg/m ²	g

SANIT-ACTION CLEANER

Sanitizing cleaner for coated wood floors.



Quaternary ammonium salt-based sanitizer. It acts in three ways: it sanitizes, deodorizes and cleans. Based on quaternary ammonium salts, the composition of the product guarantees extensive, in-depth sanitization by means of a vigorous mechanical removal of germs and bacteria from the surfaces treated. The action of benzalkonium chloride, a quaternary ammonium salt, is well-known for countering Gram-positive and Gram-negative bacteria and fungi through the inactivation of energy-producing enzymes, the denaturation of cellular proteins and the breakage of cellular membranes. Recent studies have shown that, even at very low concentrations, benzalkonium chloride is suitable for countering the flu virus A (H1N1), enveloped viruses, including HBV – HCV and viruses belonging to the Coronavirus family. Thanks to its ef-

fectiveness, **SANIT-ACTION CLEANER** removes germs and bacteria that cause fermentation and bad odours, and so prevents their proliferation. It leaves a nice, fresh fragrance after use and guarantees healthier, more pleasant environments. The high wetting and cleaning power results in a considerable reduction of the surface tension and excellent adhesion to the surfaces, allowing an in-depth penetration of the surfactants and the removal of dirt in areas that are hard for traditional cleaners to reach.

Unlike other cleaning products on the market, **SANIT-ACTION CLEANER** has been formulated specifically for wood floors and, due to the synergic combination of its components, it performs its sanitizing, cleaning and deodorizing action with maximum efficiency, leaving the wood fibre unaltered.