

A real shield against bacteria

SILVER
GUARD
ADDITIVE SB
ADDITIVE WB



Silver Guard

Silver ion sanitizing additives
for water-borne and solvent-based paints





Lechler technology at the service of health and living comfort

SILVER GUARD additives were developed in our R&D laboratories to be utilised in combination with water-borne, MS, UHS and UV solvent-based Lechler products and confer to manufactured items and environments a high resistance against bacterial attack, evaluated according to Standard ISO 22196-2011.





Characteristics and functions

Resistance against the attack of Gram-negative and Gram-positive strains of bacteria, such as Escherichia Coli and Staphylococcus Aureus. Active ingredients don't cause any danger to health, they are durable over time and resistant against cleaning the manufactured items; moreover, they don't interfere with the technical characteristics of the destination products.

Technology

Additives based on innovative carriers conceived for the release of silver ions. The use of these additives in products allows the formation of films showing good ability for the prevention and resistance against bacterial attack.



*Silver ions,
thanks to their nature,
keep their
characteristics
unaltered over time.*

Intended use and materials

Useable for any wall support and for all wood, plastic and metal manufactured items, they are ideal for environments with high bacterial proliferation.

Silver Guard additives can be used with Lechler products from the Decorative, Industry and Habitat sectors, that is on walls, metal, plastic and wooden substrates, thus making the application fields very wide.

It's easy and immediate thinking about walls of the house, furniture and accessories, with a special attention to the environments where food is consumed and where children or fragile subjects live. Silver Guard additives are easily applied on promiscuous use objects and in highly frequented environments, such as gyms, swimming-pools, surgeries, eateries, gambling halls and public offices.



Fields of application and target users

Decorative, General Industry, Fashion, Sporting, Automotive, Habitat. Silver Guard additives can be easily used by private individuals and building painters in the Decorative sector to sanitize domestic walls, railings, fences and small furniture and decorative objects. **Certified products and painting processes** are instead available for professionals of the **Habitat, of the General Industry, of the Automotive, of the Sporting and of the Fashion** sectors, who wish to give their manufactured items a further competitive added value on the market. **Suitcases, car interiors, sport equipment** are just some examples of objects of daily use with high risk of bacterial proliferation.

Comfort living

The additive Silver Guard WB 09402 is available for the house and building sector and is useable with all water-borne products from the Chrèon ranges: wall paints, water-borne enamels, finishes for floors and products for the wood treatment. This new product thoroughly fits within the framework of the **Color Design** proposal and represents a further step towards the direction of the comfort living. We have been promoting since ever the culture of colour, giving suggestions and information making easy the selection of colour and finishes. Chrèon favours the development of products with high quality standards, able to meet every specific need and to offer state-of-the-art solutions, as the innovative line of wall paints for interiors Comfortline witnesses: it is certified A+ (Indoor Air Quality), VDI 3882-2:2003 (Hedonic Tone), UNI 13725:2004 (Odorimetric Unit) and is suitable for the use in environments where the HACCP regulation is required.

Color Design projects, moreover, favour the chromatic harmonisation of environments and manufactured items with a view to an aesthetic pleasure, taking account of the perceptive, psychological and well-being aspects of people interacting with the environment.

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Codes and modes of utilisation for Lechler Tech and IVE products

09400 SILVER GUARD ADDITIVE SB

2% in solvent-based, transparent and pigmented, gloss and matt products: polyurethane, acryl-urethane, acrylic, stoving, epoxy and UV products.

09402 SILVER GUARD ADDITIVE WB

2-4% in water-borne, transparent and pigmented, gloss and matt products.

Mix and homogenise carefully the additive in the destination product.

To prepare and apply the products after additive addition, see the instructions of the relevant technical data sheets.

See TDS n° 0735 – n° W9900

Codes and modes of utilisation for Chrèon products

09402 SILVER GUARD ADDITIVE WB

2% in all water-borne products from the Chrèon range.

Shake well before use, add the content in the destination product and homogenise by carefully mixing.

To prepare and apply the products after additive addition, see the instructions of the relevant technical data sheets.

See TDS n° 920



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