
LASTING SURFACE PROTECTION LIMITING BACTERIAL GROWTH



WE LEAVE THE INNOVATION TO YOU
for the possible applications





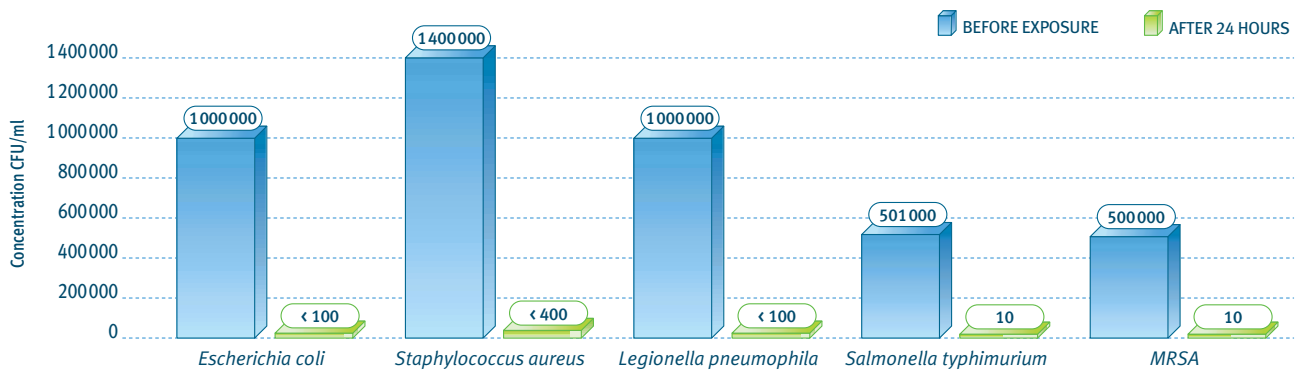
Rilsan®

A c t i v e
progress with ARKEMA

YOUR CHOICE OF COATING ENHANCES YOUR CURRENT HYGIENE PRACTICES

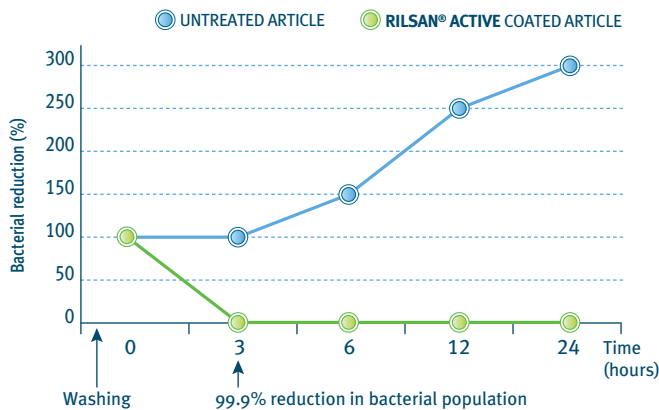
RILSAN® ACTIVE TREATED SURFACE vs UNTREATED SURFACE

method JIS Z 2801: 2000



RILSAN® ACTIVE treated surfaces are hostile to bacteria. **Initial bacterial contamination is reduced significantly by 99.99% after 24 hours' contact with the treated surface.**

RAPID ACTION OF RILSAN® ACTIVE



Initial contamination equivalent to 10^7 CFU/ml of Escherichia Coli (E. Coli) is reduced by **99.9%** after just **3 hours' contact** with a **RILSAN® ACTIVE** treated surface. **RILSAN® ACTIVE** complements existing cleaning procedures.



UNTREATED

TREATED

Sanitized®

THE BUILT-IN ANTIMICROBIAL PROTECTION





DURABLE PROTECTION WITH RILSAN® ACTIVE

Benefits of RILSAN® ACTIVE

- Easy to clean: thanks to smooth and tough surface.
- Adaptable to various cleaning methods: thanks to resistance to chemicals and/or heat.
- Durable: thanks to resistance to chemicals and corrosion.
- Durable: thanks to resistance to impact and wear.



LIMITATIONS OF RILSAN® ACTIVE

- Continuous exposure to air temperature over 120 °C.
- Continuous exposure to steam.
- As sole hygiene practice.

NB. The use of RILSAN® ACTIVE in no way dispenses with normal hygiene practices.



RILSAN® ACTIVE PROPERTIES

- **Resistance to corrosion:**
No corrosion after 2000 hours of salt spray.
- **Resistance to heat:**
No visible change after thermal ageing test at 130 °C for 1250 hours.
- **Smooth surface** and low friction coefficient.
- **Resistance to chemicals:**
No visible change after washing with Surfanios® for 1500 cycles.
- **Resistance to abrasion:**
< 40 mg loss after 1000 cycles according to ISO 9352-1995 using CS17 wheel.
- **Impact resistance:**
> 2J according to ASTM G14.

MICROBES ARE ALL AROUND US

Some microbes, especially bacteria, present a high contamination risk as they can result in the spread of disease. In recent years, demand has increased considerably for products which help control the risk of bacterial contamination. This is especially true in areas where high standards of hygiene and cleanliness are both a requirement and a responsibility. These include:

- Medical establishments, e.g. hospitals and laboratories;
- Care centres for children or the elderly;
- Domestic animal, e.g. poultry, farms;
- Food processing plants;
- Catering establishments, e.g. restaurants;
- Fresh food storage and display equipment in markets;
- Appliances, e.g. refrigerators, freezers and dishwashers.

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A global chemical player, Arkema consists of 3 coherent and balanced business segments:

Vinyl Products, Industrial Chemicals, and Performance Products. Present in over 40 countries with 18,600 employees, Arkema achieves sales of 5.2 billion euros. With its 6 research centers in France, the United States and Japan, and internationally recognized brands, Arkema holds leadership positions in its principal markets.

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