

NO BAC

Continuous anti-bacterial protection



HEALTH SECTOR



COLD ROOMS



PUBLIC AREAS

The NO BAC laminate developed by Brianza Plastica allows **eliminating almost all traces of bacteria** present on a surface, **preventing their subsequent colonisation** and providing an additional level of protection in any environment.

The NO BAC technology is permanently integrated on the surface of the laminate, right from the production phase, and is evenly distributed across the entire surface, actively protecting the product throughout its life cycle.

This innovative product has numerous fields of application: food industry, cold storage rooms, laboratories, refrigerated containers for transportation and, in general, all **environments with high hygiene requirements**: schools, kindergartens, health facilities, kitchens, bathrooms, spas, gyms and shopping centres.

The **NO BAC version** is available on all ELYPLAN and ELYCOLD laminates with external gelcoat finish.

ELYPLAN[®]

ELYCOLD[®]



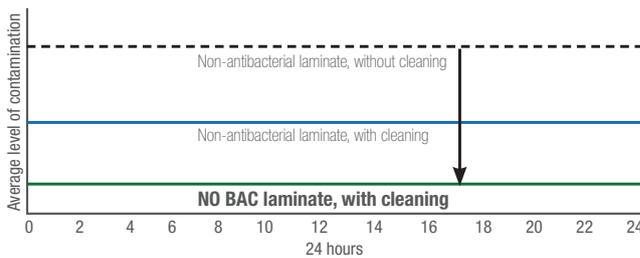
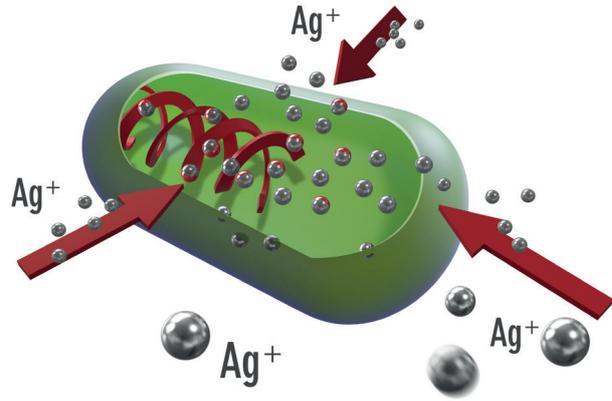
NO BAC

The antibacterial technology



The antibacterial technology is based on silver, known since ancient times for its antibacterial and antimicrobial properties and widely used to prevent bacterial proliferation in sanitary environments and environments with high hygiene requirements.

The silver ions inhibit the reproduction of bacteria, penetrating through the surface of the cell, attacking the DNA and preventing it from reproducing. **99.9% of bacteria are eliminated over 24 hours** (ISO 22196:2011), constantly for 365 days a year.



The graph shows:

- High levels of contamination (dotted line: non-antibacterial laminate WITHOUT cleaning or disinfection), averaged over 24 hours
- Average levels of contamination (continuous blue line: non-antibacterial laminate WITH cleaning or disinfection), averaged over 24 hours
- Low levels of contamination (continuous green line: "NO BAC" antibacterial laminate WITH cleaning or disinfection), averaged over 24 hours

The sample treated with NO BAC has a lower level of surface contamination over a 24-hour period when compared to non-treated samples, clean and disinfected as well as unclean and not disinfected.



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