



ANTIBACTERIAL
Laminate & Compact

polyrey



80% of bacteria and viruses
are transmitted by contact with hands
and contaminated surfaces.

Sanitized[®]-treated HPL Laminate is ideal for wall coverings in public places, where bacteria would usually be able to rapidly develop in this environment.

Antibacterial Laminate & Compact INNOVATION FOR HEALTH

Polyrey continually innovates to bring you hygienic decorative solutions thanks to the antibacterial protection by Sanitized® silver ions. This initiative highlights our commitment to the continual improvement in health and safety, thus providing more than is required by law.

Our HPL and Compact products are available in the antibacterial grade as standard, therefore does not incur delays, minimum order quantity restrictions or result in additional costs. The Sanitized® treatment is integrated within all our HPL and Compact laminates.

Infection risk is not only restricted to hospital environments. Hygiene is a major concern in all public places such as Hotels, Transport, Educational facilities, Retirement homes.

Our Laminate and Compact products provide all of your interior fitting projects with increased protection.

Antibacterial Surface SANITIZED® CERTIFIED



Polyrey benefits from the partnership with this well-known brand, whose effectiveness has been proved and demonstrated in the textile and plastic industries.

The certificate released by Sanitized AG is renewed every year following laboratory tests. Rigorous testing ensures constant quality, which is also verified by our laboratory.



Download the certificate at
[www.polyrey.com/
downloads](http://www.polyrey.com/downloads)



Polyrey's partner since 2006, Sanitized AG is a Swiss company, leader in the production of antimicrobials with a 50 year-long experience in solutions based on silver ions. Sanitized Silver products are not based on nanotechnology and do not contain silver nanoparticles. Approved internationally⁽¹⁾, such products offer high levels of safety for people and the environment.

Find all information on
www.sanitized.com

(1) Compliant with regulations EU 528/2012 on biocide products and REACH on chemicals.

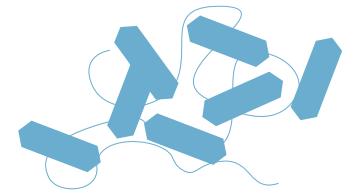
Antibacterial Laminate & Compact EFFECTIVENESS TESTED ON SEVEN BACTERIA ⁽¹⁾

With Sanitized® antibacterial treatment, more than 99% bacteria are destroyed in just 24 hours.

- **Escherichia coli** ATCC 8739
- **Enterococcus hirae** ATCC 8043
- **Listeria monocytogenes** ATCC 15313
- **Staphylococcus aureus (MRSA)** ATCC 33592
- **Staphylococcus aureus** ATCC 6538
- **Salmonella enteritidis** ⁽²⁾ ATCC 13076
- **Mycobacterium smegmatis** ATCC 19420

(1) based on the internationally acknowledged Japanese rule JS Z 2801 (ISO)

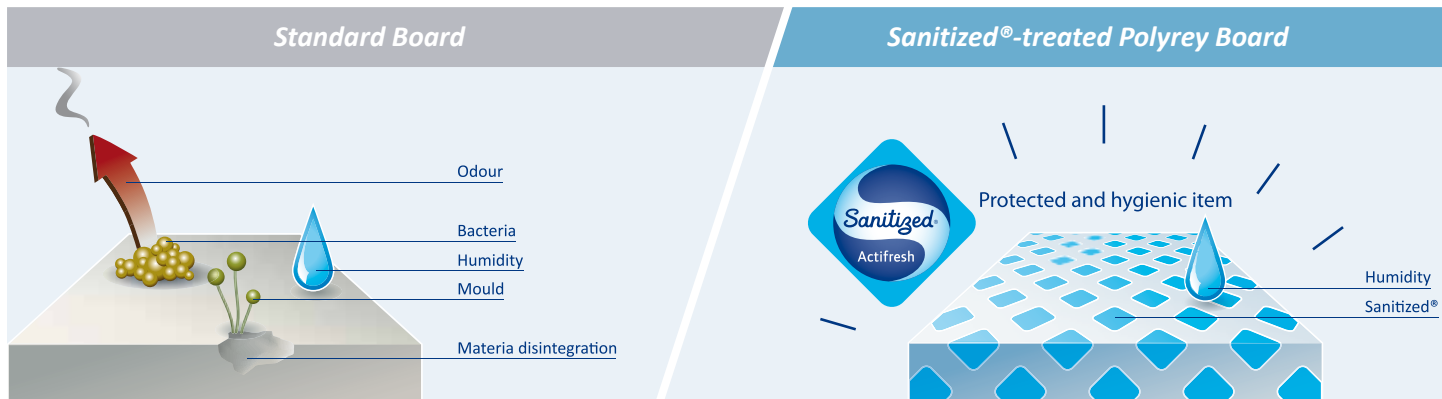
(2) 99.84% effectiveness



Did you know ?

At room temperature, some bacteria may double their population in just 20 minutes.

Enhanced protection INTEGRATED WITHIN THE MATERIAL



Integrated within the material in order to assure antibacterial protection throughout its lifecycle, this biocidal additive does not influence the technical and aesthetic performances of our HPL and Compact products.

It is a technological innovation that Polyrey has been able to implement thanks to an integrated manufacturing process, which includes the production of our own resins.

The silver ions encapsulated in glass balls are activated when entering into contact with humidity. They kill surface bacteria and block the cell division process, thus reducing bacteria proliferation.

The Ag+ ion-based Sanitized® treatment is a non-migratory inorganic solution that is not modified with time. Unlike synthetic and organic antimicrobial substances, such as triclosan, silver is a non-toxic molecule.



Every day in Europe,
**one patient out of 18 contracts
at least one hospital-acquired
infection.**

2011-2012 European survey conducted
by the European Centre for Disease Prevention and Control (ECDC)

Sanitized[®]-treated Compact product is
suitable for the fitting of treatment areas,
operating theatres, cleanrooms and com-
mon and shared areas.

Antibacterial Laminate & Compact PROTECTION FOR ALL YOUR PROJECTS



laboratory bench tops,
medical furniture,
partitions,
tablettes,
shelves for Hospitals, cleanrooms,
laboratories and public places.



CLEANING &
DISINFECTION

HEALTH

- Compliant with cleaning and disinfection protocols.
- Contributes to the prevention of hospital-acquired infection risk through contact with contaminated surfaces.
- Suitable to come into contact with disinfecting products for cleaning and maintenance (such as Anion, Clinimax or Ecolab) and to Medical Chemical products (such as Betadine, etc.).



table tops,
counters,
worktops,
shelves, cupboards,
for catering
and residential facilities.



FOOD
CONTACT

FOOD

- Food contact approved (by Food and Drug Administration).
- Resistant to heat and household products (bleach etc.).
- Reduces food contamination risk with mould and infections.

Sanitized® Treatment
LASTING EFFECTIVENESS, SAFETY AND HYGIENE



toilets,
cubicles,
lockers,
partitions,
for leisure environments,
public facilities
and Hotels.



HUMIDITY
RESISTANT

SANITARY FACILITIES

- Humidity resistant.
- In conjunction with the properties of laminate, a water-repellent material, prevents moulds and bacteria from proliferating.
- Integrated within the material, Ag+ ions are not soluble and are not dangerous for people and the environment.



shopfitting,
hotel rooms,
reception desks,
office furniture,
public spaces,
education facilities
and transport.



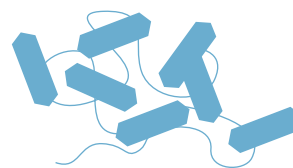
SERVICE SECTOR
COMPATIBLE

SERVICE SECTOR

- Perfectly effective in high-traffic environments.
- The cleaning of surfaces re-activates active agents: the antibacterial performance is unaltered during the whole life of the material.
- In compliance with EN438, please use cleaning agents that do not affect the surface of HPL.

Did you know ?

*A public transport seat carries 125 times
the quantity of bacteria found in toilets.*



SANITIZED® ANTIBACTERIAL

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