



Pure Health[®]

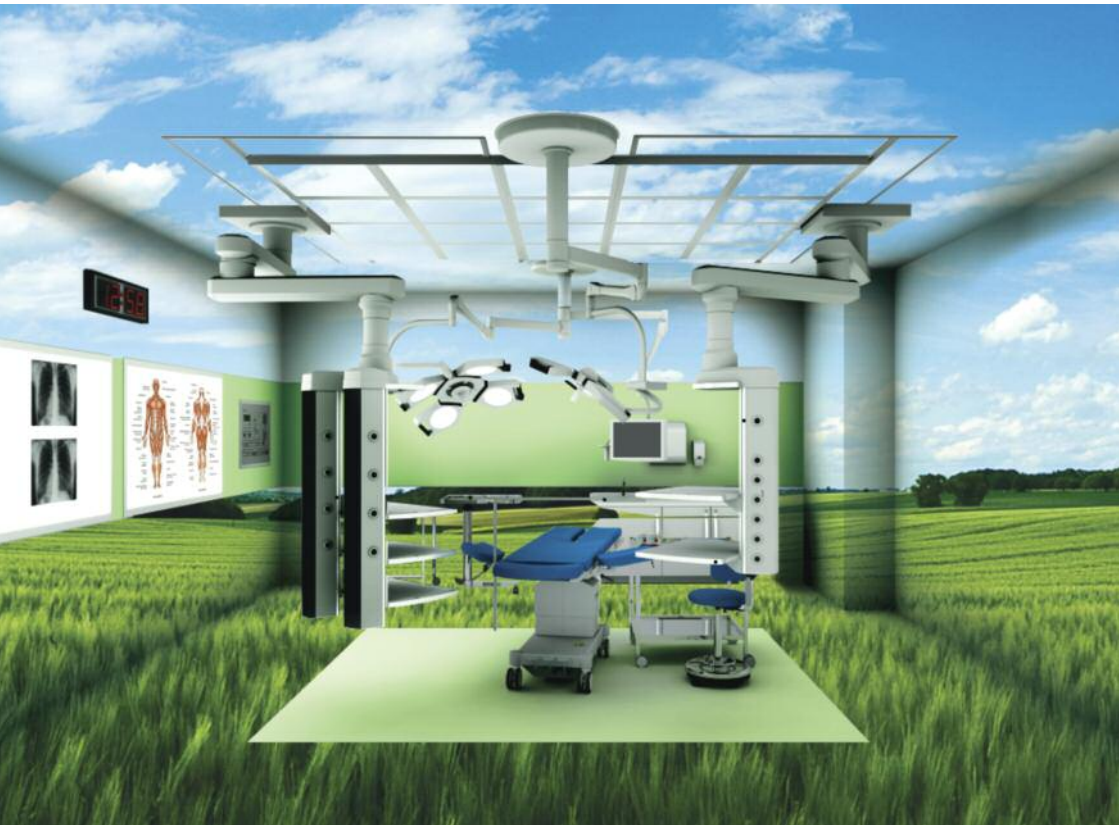
ORION

VIRUS AND BACTERIA SELF-SHIELDING SYSTEM

Sanitize Nature's way

Photocatalytic coatings in PVC,
Resin and Fibreglass for definitive sanitization

Unique World Patent



The problem

Health

Every year more than 4 million patients in Europe acquire an infection in hospital. For this reason, there are approximately 16 million additional days of hospital stay at an estimated cost of € 7 billion a year.

Source: ECDC - European Centre for Disease Prevention and Control.

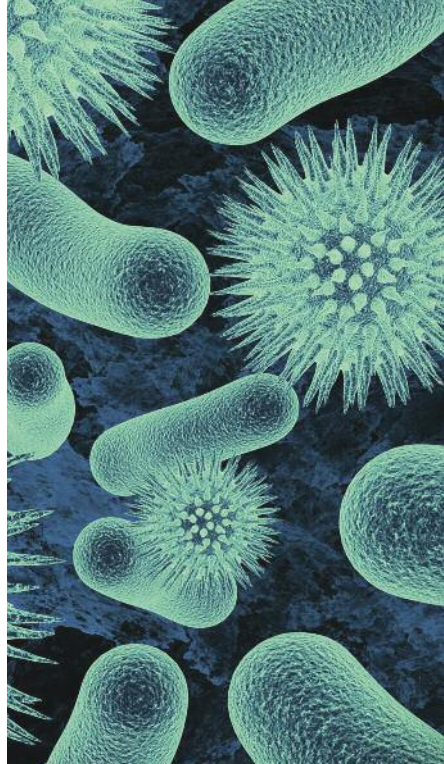
Food

In recent years, cases of infection due to Salmonella, E. coli, Listeria, etc. have become increasingly frequent.

Source: Istituto Superiore della Sanità (Italian National Institute of Health)

Wellness

It is estimated that at least 80% of athletes have experienced skin problems such as verrucas, sores and fungal infections of various kinds at least once in the course of their career.



The solution

The *Pure-Health*[®] concept is a true innovation in the field of sanitization. It arises from the need to fit out **hygienically safe environments** that ensure continuous protection.

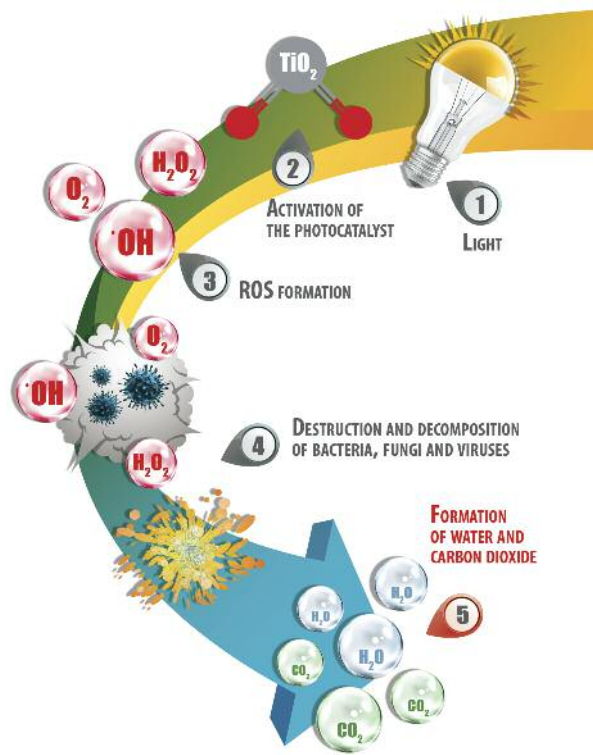
The Pure-Health[®] system consists of coverings and floorings made of PVC, resin and fiberglass. A molecule, Titanium Dioxide, has been inserted into these materials and, thanks to the action of a light, it is able to eliminate over 99% of the viruses, bacteria and mould present in the environment in which it is used.

How it works

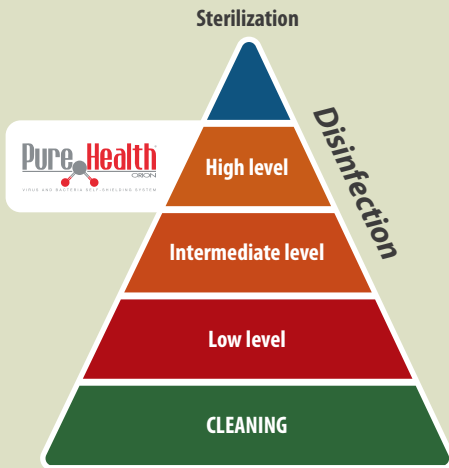
Photocatalysis is a process that is activated by the action of light and air. These two elements, along with titanium dioxide (TiO_2), trigger a strong oxidative process that leads to the decomposition and conversion of bacteria, viruses and fungi into harmless substances.

Photocatalytic surfaces prevent the growth of microorganisms and do not allow the build-up of the substances on which those microorganisms feed.

It has been shown that after just a few minutes, the *Pure-Health*® system is able to eliminate harmful microorganisms, reaching a reduction of 99% after only 90 minutes.



The results after using the *Pure-Health* system®



- | | | |
|---|--|---|
| <p>High level</p> <ul style="list-style-type: none"> • All microorganisms | <p>Intermediate level</p> <ul style="list-style-type: none"> • <i>Mycobacterium tuberculosis</i> • Most viruses and fungi | <p>Low level</p> <ul style="list-style-type: none"> • All bacteria in the vegetative stage • Some viruses (lipophilic) • Some fungi |
|---|--|---|

The advantages

- DEFINITIVE SANITIZATION
- NO BACTERIA - NO ODOURS
- NO MAINTENANCE
- LONGLASTING
- FDA-APPROVED TiO_2
(Food and Drug Administration)
- NO CHEMICALS
- ANTISTATIC
- ANTI-SLIP
- CONDUCTIVE
(operating theatres)
- ACTIVE 24/24h
- REMOVES 99% OF BACTERIA, VIRUSES AND FUNGI
- LOW ENERGY-CONSUMPTION LAMPS
- ANTI-DIRT



Health Care for outpatient, hospital, paramedical and school environments. The *Pure Health*® system is ideal for:

- waiting rooms
- hospital wards
- communal areas in clinics and hospitals
- veterinary clinics
- emergency areas
- intensive care units
- operating theatres

Pure Food for the food industry. The *Pure Health*® system can be used in bars, restaurants and hotels, and installed in:

- manufacturing areas
- storage areas
- warehouses
- cold rooms
- transport vehicles

Wellness Pure-Health® for the health and fitness industry. *Pure Health*® coatings are suitable for:

- gyms
- fitness centres
- swimming pools
- locker rooms
- spas



Founded in 1997 with the aim of designing and producing ambulances and special vehicles, Orion s.r.l. is constantly engaged in the search for innovative, functional solutions, aimed

at improving the standards of safety and quality of its vehicles. The DOMINO project in boat fibreglass is behind the success of the company, which in a few years has established itself as a true benchmark in the market for special vehicles. To date, Orion has developed and marketed in Italy and abroad about 2,000 special vehicles including ambulances, medical cars, police cars, firefighting vehicles, off-road vehicles and Quads. Thanks to its more than 3000 square metres, the Orion factory serves about 200 vehicles a year. Orion is ISO 9001 certified and has authorization from the Ministry of Transport for the mass production of special vehicles.

Certification



Recognition of the technological validity of titanium dioxide by decree of the Ministry of Environment and Land Protection, published in the Official Journal n° 84/2004.

Next Technology, a laboratory of the Ministry of Education, University and Research, issues certification of an environment sanitized by *Pure Health*® once installation is complete.



INTERNATIONAL PATENTS:
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