



# ELIMINATE THE ODORS IN YOUR YACHT

with



protection

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## ODORS: The Problem with Boats

As yachties, we are aware that due to high humidity levels and limited ventilation, typical and unpleasant odors can arise on yachts, whether they are intensively used or not over an extended period. Moisture tends to generate various fungi and odors, with sinks, showers, day heads, bilges, engine rooms, galleys, mattresses, and cushions serving as sources of these odors.



It's a pity that in an outdoor activity, where you enjoy an open and healthy environment, one must breathe toxic odors as soon as you enter the cabin.

The use of air fresheners, which mask odors only, making our sense of smell perceive only the main odor, does not help to solve the problem for our health and quality of life, and the joy of the yacht.

In addition, the high concentration of pollutants inside boats are unpleasant and constitutes a significant health problem for people, as these are enclosed and humid environments that are susceptible to generating problems and infections caused by viruses, bacteria, or fungi.

## THE SOLUTION

HygieniaTouch-protection is a nano-coating based on Titanium Dioxide (TiO<sub>2</sub>) and is activated by exposure to light, leveraging photocatalytic properties to reduce in the total concentrations of odors and contaminants in the air, and can even eradicate up to 99%, creating a much healthier environment.

By harnessing the power of natural light, HygieniaTouch-protection provides an environmentally friendly and energy-efficient solution. HygieniaTouch-protection is safe for humans, animals and the environment. It is easy to apply and will last for a year.

Furthermore, through the same process, surfaces treated with HygieniaTouch-protection destroys all viruses, bacteria and fungi, preventing them from reproducing in a damp and wet environment.

***Turn your yacht into a healthy and odor-free vessel and enjoy the freshness***



## STEP 1: Small UV-LED lamps are installed in all cabins

HygieniaTouch-protection is activated by UV light, either from the sun or UV lamps. The Pure-light-lamps emit the same light as a small fluorescent lamp but are based on LED technology and have a lifespan of 50,000 hours. It is safe for eyes and skin, and not the same as UV light in hospital de-contamination units.



The HygieniaTouch-protection and the lighting work together to achieve the desired results. When activated by light in the presence of ambient humidity and oxygen from the air, the surfaces continuously and safely produce natural radicals that, in turn, can eliminate microorganisms and toxic gases that cause odors.

With our technology, surfaces are active 24 hours a day, preventing the development of viruses or colonies of bacteria that could cause diseases. Micro lamps will be installed in corners and at heights to illuminate most of the surfaces. Usually, one micro lamp per room is sufficient, but in case there are too many shadowed areas, a second micro lamp is recommended.

## STEP 2: Treatment with HygieniaTouch- protection

The invisible, water-based, and completely non-toxic HygieniaTouch-protection is applied once per year and its activity is permanent if it receives daylight. 1 liter of HygieniaTouch-protection will cover 8-10 sq meter and can be applied by a low-pressure gardening sprayer.

From a sustainability perspective, cleaning is also made much easier once our protective surface treatment is applied. The unique hydrophobic, hydrophilic nature of the treatment means that dirt and grime cannot bond to the substrate, thus significantly reducing cleaning times, water usage, chemicals and effort.

The deck and hull will also be better protected against the influence of UV and will help remove methane and negative climate pollutants from the air. The efficacy of this product is firmly based on numerous physicochemical studies.

**It also contributes to the blue flag requirements**



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