

ZORUFLEX®

SPECIFIC SOLUTION FOR VESSELS

A patented revolutionary system

Europe, USA & Canada

by **B** BYOND



BEFORE



MEANWHILE



AFTER

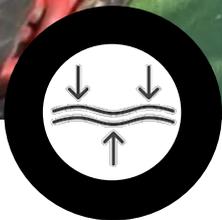
➤ ZORUFLEX® CONTINUOUS FOR VESSELS

Our CONTINUOUS ZORUFLEX system it is expressly indicated and experienced, with remarkable success, for the application on the steel plates of the ship's outdoor weather decks.

It provides the entire treated surface, non-slip characteristics, waterproofing, impact resistance, as well as preventing the formation of oxide and absorbing polluting gases.



ZORUFLEX® ADVANTAGES FOR VESSELS



➤ ANTIOXIDANT

It permanently removes the unsightly and dangerous process of oxidation of the plates with the following savings in painting and hours of work throughout the life of the vessel.



➤ NON-SLIP

The natural aggregates used, do have more than a 6 of hardness on the scale of Mohs, therefore they do offer a high anti-slip resistance.



➤ FAST INSTALLATION

Forged and fast drying. For its application and depending on the square meters to be treated, several stays of the vessel are required in Port or during the fairing, repair and inspection period.



ZORUFLEX® ADVANTAGES FOR VESSELS



➤ IMPACT AND ABRASION RESISTANT

Our ZUROFLEX system is also used on pavements and roads. The French Institute of Science and Transport Technology, tested a resistance study and it certified that the system endured the passage of 3.000.000 heavy vehicles, equivalent to heavy traffic, bus or truck, to 200 passes a day for 30 years. So, it is very durable and it hardly needs maintenance.



➤ WATERPROOF

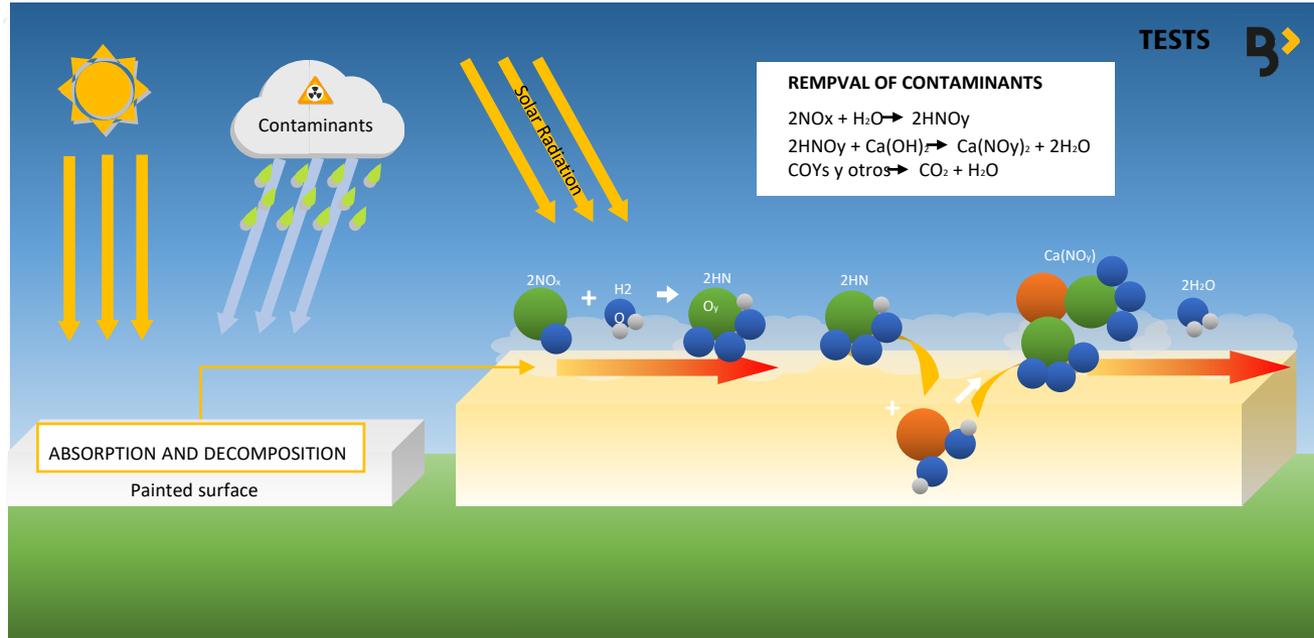
Waterproofing tests performed on the waterproofing system of roofs applied in liquid form and based on polymethacrylate solutions and emulsions, do demonstrate the degree of watertightness.



➤ ACUSTIC INSULATOR

A noise test was carried out in public spaces prior to and after treatment with the ZUROFLEX system, managing to compose the sound up to 14 decibels.

ABSORPTION OF CO2 AND S&N OXIDES



➤ IT CONTRIBUTES TO THE IMPROVEMENT OF THE ENVIROMENT

It absorbs atmospheric pollutants such as N, S and Co2 oxides, thereby reducing toxic products and greenhouse gases. It contributes to its extend, to decarbonization and effort against climate change.

- It eliminates exterior pollution such as NO2, SO2 & CO2.
- It eliminates COVs from products, solvents and combustion.
- It has disinfectant, deodorant and bactericidal properties.
- It prevents from dirt and mold.
- It prevents the spread of respiratory infections.

The European Green Pact, currently into process of approval, contemplates the possibility of restricting entry to Ports of which it calls dirty ships.



➤ ZORUFLEX® COLOR

ALLOWS THE CHOICE OF DIFFERENT COLORS:

Thanks to a wide variety of aggregates and available colors, it can be combined according to customer's taste and choice.



➤ **DECORATIVE ZORUFLEX®**

IT ALLOWS THE CHOICE OF DIFFERENT SHAPES & TEXTURES:

Intended for cruise ships, for outdoor areas such as pool terraces or solarium.





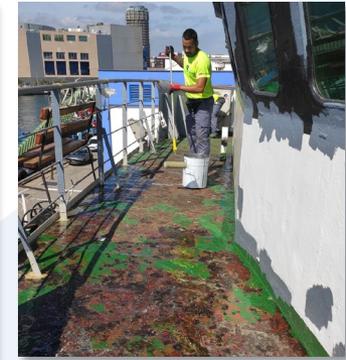
➤ **SPECIFIC ZORUFLEX®**

FOR SPECIFIC ZONES

- The ZORUFLEX system of tiles and embossed tiles, it is especially indicated on the communication ramps between decks as well as on the conditioning stoy covers of vehicles by ferry.
- It helps to brake vehicles on access ramps and prevent displacement.
Consequently, it does not damage the steel plate as it happens when using other systems.
- Zoruflex pododactile:
At some needed areas in order to alert people with visual impairments such as the edges of a danger zone, the exiting of a protected area, a change of level, stairs..etc

ZORUFLEX® ➤ PROCEDURE SYSTEM

- DIAMOND POLISHED OF THE SHIP'S DECK
- ACTIVATOR PRIMER
- REGULATION OF BAD STATE AREAS
- QUARTZ SPRINKLING
- ZORUFLEX® APLICATION
- QUARTS ARID SATURATION SPRINKLING
- DIAMOND MECHANICAL TREATMENT AND SPECIAL FINISHED TEXTURE
- SEALED WITH PIGMENTED ZORUFLEX® 913 *



ZORUFLEX®
by

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