

# ESSECIPLAST®

## GLOBAL PURE

The self-sanitizing tile

Esseciplast® exclusive technology

THE NEW FRONTIER OF HYGIENE

Bacteria FREE - Bactericides FREE



A vertical strip on the left side of the page shows a microscopic view of several rod-shaped bacteria, likely E. coli, with a textured, bumpy surface. They are arranged in a slightly curved line, with some appearing to be in the foreground and others receding into the background.

# THE TILE BECOMES **SELF-SANITIZING**

The Global Pure tile **is not antibacterial**, because it does not contain bactericides registered in the BPR, but the **laboratory tests (Accredia) show similar results**, with the advantage of **the absence of toxicity** for humans and environment.

## What means **Antibacterial**

\*In scientific language, it is said of a substance that kills bacteria (=bactericidal) or that prevents the development of bacteria (=bacteriostatic).

\***Bactericidal** are toxic substances and therefore are subject to the **BPR (Biocidal Products Regulation)**, that govern the use of biocides, limiting the risks to **human health and the environment**.

## The advantages of the **Global Pure**

- \* Permanent sanitizing efficacy guaranteed by laboratory tests according to ISO 22196: 11,
- \* Without bactericides,
- \* Not subject to BPR (**Biocidal Products Regulation**)
- \* Resistant to adhesion and bacterial proliferation, with results similar to traditional bactericides,
- \* Extremely durable and tough,
- \* Immediate installation on the existing floor, quick and easy even for non-professionals,
- \* Available in all RAL colors

# GLOBAL PURE TECHNOLOGY

The technology applied to plastic polymers allows to obtain smart materials resistant to adhesion and bacterial proliferation thanks to the use of permanent electrical charges that intervene on the metabolism of bacteria: the micro-encapsulated positive ions damage the membrane of bacteria, composed of phospholipids, which have a structure with negative charges. The added material is therefore completely non-toxic and suitable for contact with food.

## For who it can be useful

Schools and kindergartens,  
Beauty centers, fitness centers, rehabilitation centers,  
Pools and SPA,  
Dance schools and gyms,  
Pharmacies, private medical practices,  
Hospitals, RSA, Clinics, Outpatient Clinics,  
Food production and processing laboratories,  
Places open to the public of all kinds and much more.



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