

Cristalplant Bio Active



Material Characteristics

Cristalplant® Bio Active is recognized for its beauty resembling natural stone with a soft-touch effect. It is the first eco-sustainable solid surface, derived from plant-based resinous raw materials mixed with extremely pure natural inert minerals. It can be recycled and is in Class 1.

In the new Bio Active version, chosen by Falper for all its products, the aesthetics and technology of Cristalplant® are enriched with important virucidal, antifungal, and self-cleaning properties thanks to a new formulation based on titanium dioxide.

The photolytic property of this compound allows for a chemical reaction that leads to the destruction of bacteria and viruses deposited on the surface, including Covid-19, through simple exposure to light, whether natural or artificial. Moreover, titanium dioxide does not degrade and has a long-term antibacterial and virucidal effect, as well as disinfection properties more effective than those obtained with chlorine and ozone. The test report released by UOCMV confirms that “from the cultural examination, Cristalplant® Bio Active surfaces have demonstrated virucidal activity against SARS-CoV-2 after a contact time of 30’ and 60’.

Care and Maintenance Instructions

Cristalplant® is a homogeneous material throughout its thickness and can be repaired from scratches, stubborn stains, and cigarette burns, restoring the surface to its original beauty using an abrasive sponge like Scotch Brite® or similar and a common abrasive cleaner; lightly sand the damaged area, and if the defect is still visible, sand again with very fine sandpaper.

Recommendations:

- Use common neutral detergents, or gel or abrasive detergents for deeper cleaning.
- Cleaning can be accompanied by the use of abrasive sponges like “Scotch Brite.”
- Thoroughly rinse after using cleaning products.

Not recommended:

- Avoid the use of aggressive chemicals such as acetone, trichloroethylene, acids, or strong bases.
- Avoid the use of aggressive chemicals such as hydrochloric acid and caustic soda.
- Avoid the use of industrial cleaners of unknown aggressiveness.
- Avoid the use of sink unclogging products.

CAUTION: Absolutely do not use cleaners containing acetone, trichloroethylene, hydrochloric acid, and caustic soda, regardless of their concentration and even if diluted, as they tend to attack the material.