



# KRION® K-LIFE

## Product Innovation Highlights

KRION® K-LIFE is a new generation solid surface that raises standards in sustainability and commitment to reduce environmental impact.



Institut d'Optique d'Aquitaine (Talence, France)



### About PORCELANOSA

PORCELANOSA endeavors to be the industry leader by providing trendsetting cutting-edge designs of unparalleled beauty and refinement, uncompromising quality, technologically superior products and dependable services to its clients.

### Contact

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## Solving a Healthcare Challenge

In the past, strategies to enhance human health and well-being have played a relatively small role in the evolution of building standards. The sustainable construction sector is growing exponentially, and professionals in construction, operators, and owners are seeing the benefits of ecological construction. After all, people spend 90% of their time inside buildings. Porcelanosa believes that the time has come to elevate health and comfort to forefront of building practices to ensure their products are environmentally friendly.



Eye Face Surgical Institute (Toronto, Canada)

## Solution

KRION® is a new generation solid surface that is pleasant and warm to the touch – similar to stone. Made of  $\frac{3}{4}$  natural minerals and a low percentage of high strength resins, it is a non-toxic material that has a very low number of volatile organic compounds (VOCs). It has achieved the best results in accreditations such as GREENGUARD and A+, and has certifications such as REACH, BISFENOL FREE, and  $\text{SiO}_2$  FREE.

KRION is manufactured to very strict quality standards to reduce energy consumption and ensure minimal impact on the environment. Once its life cycle is completed, the mineral can be reused, recycled or discarded without posing any danger to the environment.

## Features

KRION K-LIFE's photocatalytic properties ensure a unique set of characteristics including the ability to: purify the air, eliminate chemical substances, expel bacteria and prevent it from spreading, and to resist breaking or staining through its hardness and durability. It also has the ability to bond with no visible joints making it easy to clean.

**Product Release Date:** November 2017



Hospital Virgen del Castillo (Murcia, Spain)



Hospital Universitario Virgen Macarena (Seville, Spain)



Instituto de Cirugía Plástica Iván Mañero (Barcelona, Spain)

## Evaluation and Success

K-LIFE has been evaluated by prestigious external laboratories following the strictest international ISO standards, certifying the effectiveness of the material.

- ISO 22197 Test methods for air purification
- ISO 27447:2009 Test method for antibacterial activity
- ISO 10678:2010 Degradation of methylene blue
- ISO 27448:2009 Test method for self-cleaning performance

The construction of sustainable and healthy buildings benefits clients, employees, collaborators, and the community. K-LIFE is a building product that can be a part of any sustainable construction project; it provides healthy and safe spaces due to the low emissions of VOCs and the absence of dangerous products in its composition.



Clínica Dental Ortega & Cubillo (Granada, Spain)

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