
KRION
FOR HOME

At Krion we are inspired by nature to create our materials. For this reason, our Krion® Solid Surface is made up of two thirds natural minerals (ATH) and a low percentage of high resistance resins.

In addition to prioritising values such as aesthetics and sustainability, users are increasingly concerned about hygiene and safety.

In this way, professionals must commit to making their projects safer and adapt them to new ways of living and creating, where the selection of materials in each project will be clear for conveying safety and confidence.

Therefore, from now on, trustworthy designs must be worked on to minimise concerns about health and safety, using safe materials which can be adapted to any space, without reducing functionality or aesthetics.

4 reasons to love Krion®

1 Safe and hygienic

Being a material with zero porosity, it does not allow the accumulation of dirt, making maintenance easier and more effective.

2 Resistant

The physical properties of Krion® make it a material which is strong against impacts and chipping.

3 Multitude of colours and sinks

Krion® has a wide variety of colours and aesthetics to facilitate the design and creation of countertops, as well as offering a multitude of sinks for combination.

4 10 year guarantee

The Krion® material has a 10 year guarantee.

Properties of the material

Non-porous

The zero porosity of Krion® is a clear advantage when keeping a countertop clean.

Joinless

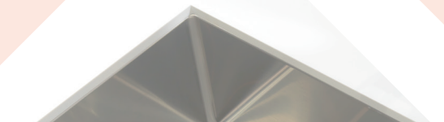
Allows the creation of joinless surfaces, increasing its safety and hygiene.

Easy cleaning and maintenance

Kitchen countertops are places where cleaning is crucial for people's wellbeing. Krion® allows safe and effective cleaning.

High chemical resistance

Krion® is capable of resisting common cleaning elements, without suffering any change to its appearance.



Suitable for food use

Its composition, free of hazardous elements, makes Krion® a material suitable for contact with food.

Impact resistance

It is capable of resisting typical impacts in the kitchen such as falling kitchenware or tinned food.

Resistance to chipping

Being a compact material, it is very resistant to chipping on the edges.

High resistance to fire

Krion® has a Euroclase Bs1d0 classification, being a material which does not contribute to the spread of fire.

Imperceptible joins

Joins are places which are difficult to access, and susceptible to accumulating residue and bacteria. Thanks to Krion, these areas which put your health at risk can be eliminated.

Inductive chargers

Krion® has compatible technological accessories such as inductive chargers or hidden power strips which facilitate work.

Compatible sinks

There is a wide range of sinks made from Krion® which can be merged with the countertop, preventing joins where dirt accumulates.

Sanitary edges

Thanks to its versatility, it allows the creation of connections which prevent inaccessible corners, for proper cleaning.

Air purification

Bactericide

Easy cleaning

Disposal of chemical products

KRION K·LIFE

Krion® is bacteriostatic and prevents the proliferation of bacteria and fungus on its surface given its zero porosity, being suitable for direct contact with food. Thanks to Krion® K·Life and its photocatalytic capacity, it is bactericidal, eliminating active microorganisms from its surface without needing to add chemicals to its composition. Additionally, it contributes to reducing environmental contamination and facilitates cleaning of its surface.

Krion® K·Life 1100 is the result of the application of KEAST "KRION® ECO-ACTIVE SOLID TECHNOLOGY®" which consists of the introduction of a series of effective additives in our snow white 1100 colour.

Krion® K·Life 1100 is a product which is only manufactured and commercialised by KRION Porcelanosa Group. The exclusive composition of Krion® K·Life 1100 allows the material to inherit the technical and aesthetic characteristics of the mineral, combining them with the technical characteristics of the polymers and photocatalysis.


CATALOG

Certifications

The NSF/ANSI 51 certification (National Science Foundation), a renowned body from the United States which acts in issuing health, hygiene and environmental certifications, considers Krion® a safe material for direct contact with all types of food, without entailing any risk to health. The list of the certification colours can be consulted at www.nsf.com.

Bisphenol A (BPA), is an organic compound, mainly used to make plastic and suspected of being harmful to humans. Due to this, at Krion® we guarantee that BPA is not used in the formulation of Krion®, as this chemical compound does not form part of it. To verify that none of the raw materials used may include this component, a study has been carried out at an accredited external laboratory.

This certification granted by the Greenguard Environmental Institute guarantees that Krion® is compliant with the indoor air quality regulations with regard to Volatile Organic Compounds (VOCs) with regard to sheets and also adhesives. The seals granted guarantee that the products are suitable for use in educational and healthcare environments, recognised by many certifications, among others: The Collaborative for High Performance Schools (CHPS) and Leadership in Energy and Environmental Design (LEED).

The REACH Regulation regulates chemical products which are manufactured or included as substances in mixtures and in finished products on the market in the EU. Its main objective is to guarantee a high level of protection of human health and the environment. Krion® has carried out the necessary tests to be declared a material (sheets, forms and adhesive) which is compliant with the REACH Regulation, thereby certifying that the composition of the Krion® material is free from substances registered on the Candidate List of SVHC (Substances of Very High Concern for Authorisation).

Prestigious certification obtained by Krion®, specifying that through the reprocessing and recycling of waste material, the need for virgin materials is reduced, thereby avoiding a potential flow of waste, obtaining materials with a minimum of 6%, 12%, 20% or 40% recycled material.

The HPD is a type II environmental label (environmental self-declaration), revealing the primary composition of the material and associated health information. This declaration has been developed for both Krion® sheet products and Krion® Adhesive products.

The Declare programme has the objective of increasing the transparency of manufacturers, providing consumers pertinent information on the composition of the products they purchase. The LBC Compliant certification guarantees that none of the chemical products that make up Krion®, detailed on the "Declare label" are included among the Red List Building Materials.

From the 1st of January 2012, products constructed in France must be labelled with a classification based on VOC (Volatile Organic Compound) emissions. Krion® Porcelanosa Solid Surface has obtained the maximum classification of A+, which guarantees low VOC emissions, therefore preserving environmental quality inside of buildings.

Technical information

KRION® KITCHEN COLOURS

SNOW SERIES

1100. Snow White EAST

(G2)

COLORS SERIES

6101 . Frost White (G1)

6402. Pillow pink (G2)

6501. Cream (G1)

6502. Pearl (G1)

6506. Greggio (G2)

6703. Santorini Blue (G2)

6902. Light Grey (G1)

6903. Grey (G1)

6908. Scommetto (G2)

COLORS + SERIES

6201. Imperial Yellow (G3)

LIGHT SERIES

4102. Extreme Light (G2)

4201. Yellow Light (G3)

4401. Pink Light (G3)

4601. Green Light (G3)

4701. Blue Light (G3)

NATURE SERIES

0101. White Nature (G3)

0102. Clear Nature (G3)

0103. Day Nature (G3)

0501. Dune Nature (G3)

0502. Camel Nature (G3)

0504. Marfil Nature (G3)

0901. Grey Nature (G3)

0904. Pearl Nature (G3)

0906. Granite Nature (G3)

STAR SERIES

7103. White Star (G4)

ART VEINS SERIES

V101. Bianco Opera (G9)

ROYAL SERIES

8101. Crystal White (G5)

8103. Iceberg White (G4)

8104. Calla White (G4)

8906. Crystal Grey (G5)

ASTEROID SERIES

A101. Asteroid White (G5)

A501. Asteroid Mocha (G5)

A504. Asteroid Cream (G5)

ROYAL + SERIES

9101. Crystal White + (G6)

9102. Polar Stone (G6)

9103. Bright Rock (G7)

9104. White Concrete (G6)

9105. Elegant White (G6)

9106. White Copper (G7)

9505. Cream Concrete (G6)

9903. Deep Granite (G7)

TERRAZZO SERIES

T101. Bianco Classico (G7)

T102. Marmo Bianco (G7)

T103. Antico Bianco (G6)

T104. Vetro (G6)

T902. Pietra (G7)

T903. Concrete (G7)

T904. Grigio Classico (G7)

LUXURY SERIES

L101. Carrara Soft (G9)

L102. Nacar (G9)

L103. Snow Fall (G9)

L105. Carrara Dark (G9)

L501.Pompei (G10)

L505. Beige Marfil (G9)

L904. Messina (G9)

OPALE SERIES

P101. Opale Bianco (G9)

P601. Opale Verde (G9)

P701. Opale Blu (G9)

P901. Opale Grigio (G9)

Materia SERIES

M101. Luce

M901. Grigio

PROPERTIES

MARKS

- Noticeable slight marks after heavy use.
- Slight marks after heavy use, noticeable in specific lighting conditions.
- Minor marks after heavy use, slightly noticeable in specific lighting conditions.

RESISTANCE TO UV RAYS

- Colour change of over 10ΔE in 10 years.
- Colour change of 5ΔE to 10ΔE in 10 years.
- Colour change of less than 5ΔE in 10 years.
- Tests conducted over a long period of time. No conclusive results available as yet.

THERMAL BENDING

- Good potential for thermal bending, the material can be 2-dimensionally bent up to the minimum radius of curvature shown in the fabricator's manual.
- High potential for thermal bending, allowing for the creation of 3-dimensional shapes, although in the case of extreme designs, a slight whitening might be noticeable near curved sections.
- A high potential for thermal bending, allowing for the creation of 3-dimensional shapes. Extreme designs can be made with no noticeable whitening near curved sections.

* The thermoforming rating shown here is applicable as from batch no. UC01.

TRANSLUCENCE

- Colour with a higher translucence when backlit.

RECYCLED CONTENT

- Colour containing some recycled material.

- The appearance and colour of the models may vary slightly with regard to the originals.

KRION
PORCELANOSA Grupo
Ctra. Villarreal-Puebla de Arenoso (CV20) Km 1 · 12540 VILA-REAL (CASTELLÓN) SPAIN
PO/BOX. 372 - Tel: (+34) 964 50 64 64 Fax. (+34) 964 50 64 81
krion@krion.com / www.krion.com