

KRION[®]
Unlimited Surfaces

HEALTHCARE FOR

MAX DECO
We are materials specialists

高藝裝飾材料公司

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What is KRION®?

KRION® is a new generation homogeneous mineral compact, which is composed of a high percentage of natural minerals such as Aluminium Trihydrate (ATH) and a low percentage of high-strength acrylic resins.



Why it's perfect for Healthcare?

SEAMLESS



KRION™ offers its potential to create continuous surfaces with a uniform and seamless appearance. It also stands out for its functional performance because, by eliminating all joints, there is nowhere for microorganisms (fungi, bacteria, etc.) to reproduce, thus helping to ensure better hygiene conditions.



THERMOFORMABLE



With KRION®, we can obtain curved shapes that allow us to create organic designs. The minimum permitted radius of curvature will depend on the colour chosen.



KRION®
PROPERTIES

ANTIBACTERIAL



KRION™ does not allow bacteria or fungi to grow or spread. This is an intrinsic property of the composition of the material, with no need of additives to achieve this permanent effect.



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EASY CLEANING



Any normal stain, superficial burn, graffiti or marker pen stain can be removed, immediately returning the surface to its original appearance simply by following the recommended cleaning instructions.



RESISTANCE TO ACIDS



KRION™ has a high resistance to acids, as demonstrated in tests conducted in accordance with the ISO 19712-2 standard. Due to its exclusive formula, with a high percentage of highly stable mineral fillers like alumina trihydrate, it is practically unaffected by any kind of chemical substance.



PROPERTIES
KRION

SOUND ISOLATION



Due to its exclusive composition and the minute size of its particles, KRION™ is a compact non-porous material. This makes it perfect for applications where sound insulation is required, such as patient rooms, waiting rooms in emergency departments and/or communal areas.



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HIGH RESISTANCE TO FIRE



Euroclass B-s1-d0.

B: Very limited contribution to fire / S1: Smoke with low density and opacity / D0: Does not emit flaming particles.



UV RESISTANCE



KRION™ has a high resistance to outdoor exposure. Compared with other materials, it has a high colour fastness, ensuring long-lasting durability with only minimum care. The colours in the KRION™ range have a different degree of colour fastness, and some colours are specifically designed for outdoor use.



KRION
PROPERTIES

NO TOXIC



Krion® has certificates that certify that it is a safe material and does not present any health risk. It is an inert material for the environment and harmless to living organisms.



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SUITABLE 100% RECYCLABLE



We managed to reduce waste, consumption of new raw materials and energy, as well as significant economic savings. It consists of extending the maximum useful life of the material being used in new products with the same or different uses.



REGENERABLE



Krion® is a completely regenerable and repairable material as it is a mineral material in all its mass.



KRION®
PROPERTIES

What is KRION® K·Life?



Actively contributes, directly and immediately in the spaces where it is used, improving the purchase experience of the partner or client



Ultra-white



High compressive resistance



Resistant to impacts



Resistant to solar radiation



Low thermal conductivity



High bending strength



Food grade



Imperceptible joints



Thermoformable



High chemical resistance



Low weight



Resistant to extreme atmospheric conditions



Backlighting



100% recyclable



Provides sound insulation



High mineral composition



High resistance to fire



Non-porous



Air purification



Elimination of chemical products



Bactericide



Easy to clean

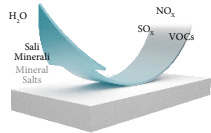


KRICH
K·LIFE

Air purification

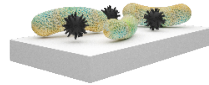
Chemical degradation:

Nitrogen oxides (NOx),
Sulphur oxides (SOx) volatile
Organic compounds (VOCs).



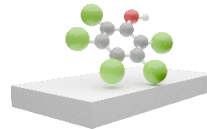
Bactericide

Thanks to the new Krion™
Eco-Active technology, not
only can bacteria not grow
in the material, but when
coming into contact with the
surface of the active material
the bacteria is eliminated.



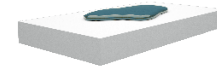
Elimination of chemical products

A large number of
compounds that are
dangerous to our health
have been eliminated, such
as pesticides present in our
surroundings, and especially
in the foods we consume.



Easy to clean

The liquids and dirt can be
cleaned from the surface
of the material with greater
ease, reducing the use of
detergents.



KRION
K·LIFE

Surgery rooms applications

BLACK ZONE

- Dressing-rooms
- Offices
- Toilets



GREY ZONE

- Laboratory room
- Anaesthetic room
- Surgical laundry room



WHITE ZONE

- Furnitures
- Operating room
- Completely sterilized

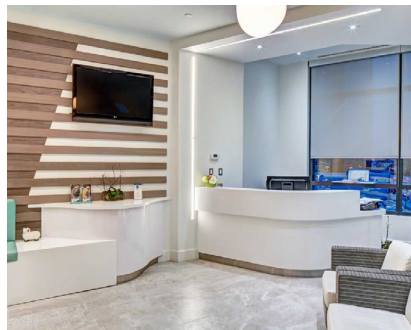


Applications

These great properties allow us to design from the hall to the room equipment, including furniture, decoration or toilet elements. KRION® offers big possibilities to the sterilization zone thanks to their fantastic anti-bacterial properties and non-porous surface.



FACADES



RECEPTION AND
COMMON AREAS

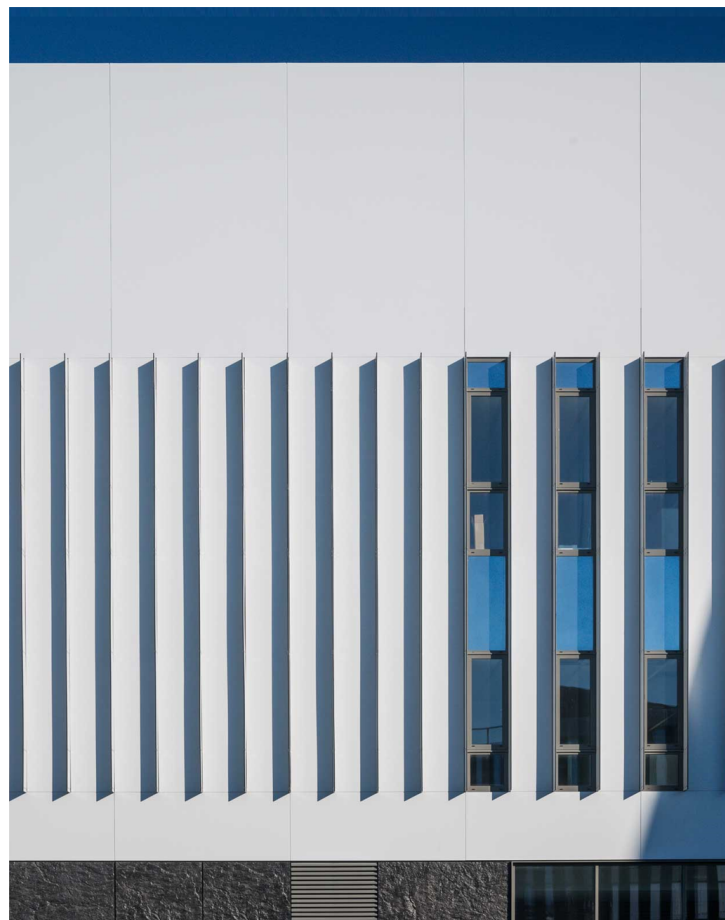


ROOMS



SPECIFIC AREAS

FACADES



APPLICATIONS

RECEPTIONS AND COMMON AREAS: HALL

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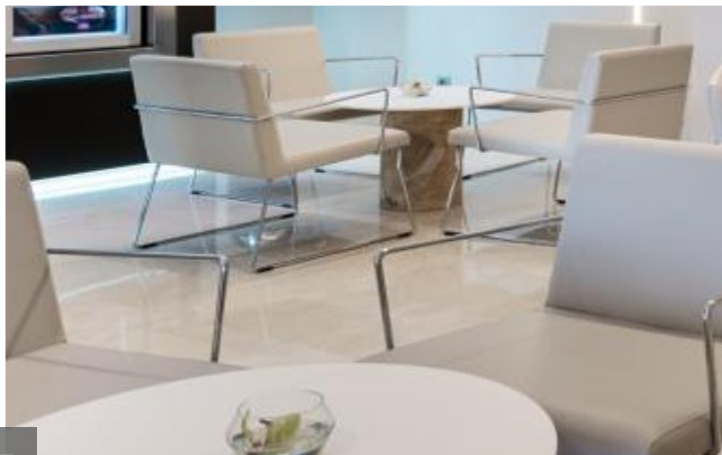


APPLICATIONS

K A&D

RECEPTIONS AND COMMON AREAS: COFFEE

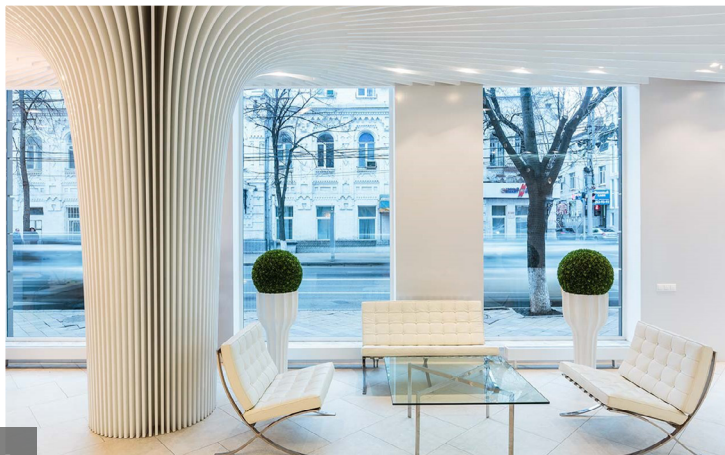
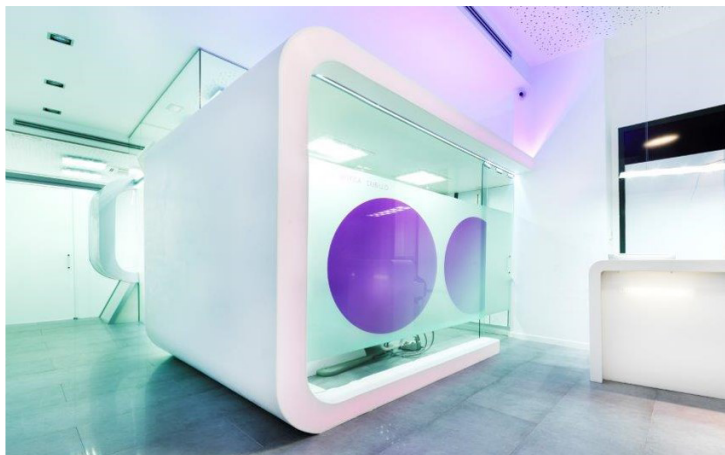
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APPLICABLE

RECEPTIONS AND COMMON AREAS: WAITING ROOM

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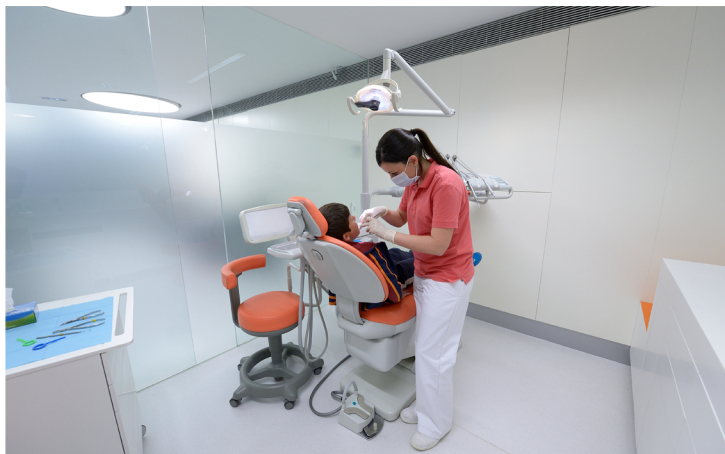


APPLICATIONS

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ROOMS: CLINIC OFFICE

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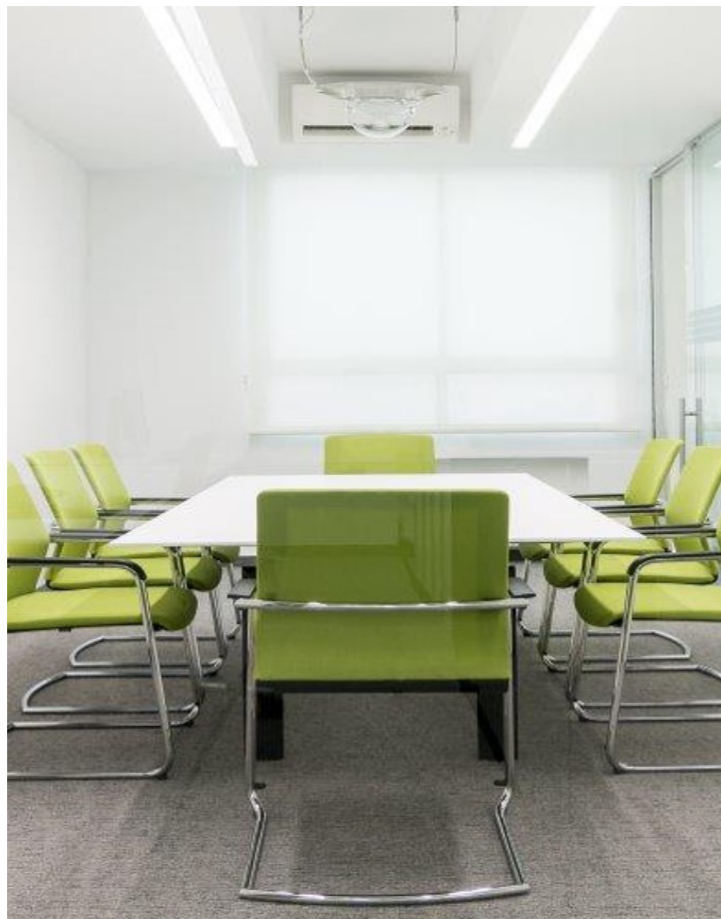


APPLICATIONS

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ROOMS: MEETING ROOMS

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APPLICATIONS

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ROOMS: PATIENTS ROOMS

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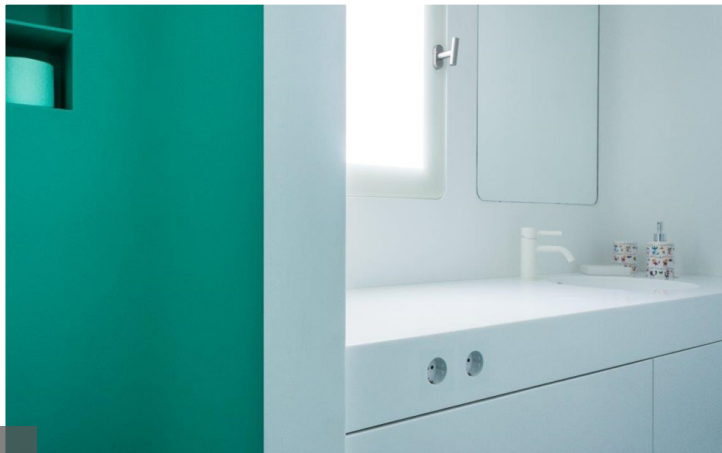


APPLICATIONS

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ROOMS: TOILETS

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APPLICATIONS

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ROOMS: TOILETS PARTITIONS

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APPLICATIONS

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APPLICATIONS

SPECIFIC AREAS: CABINETS

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APPLICATIONS

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SPECIFIC AREAS: SURGERY ROOMS

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APPLICATIONS

SPECIFIC AREAS: SURGERY ROOMS - SURGICAL WASHBASINS

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APPLICATIONS

SPECIFIC AREAS: LABORATORIES



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APPLICATIONS

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KRION® Technical office

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K A&D
TECHNICAL OFFICE
&
CONSULTANT DEPARTMENT

ADDED VALUE

TECHNICAL SUPPORT

CUSTOM DESIGN

K A&D

FUNCTION OF K® TECHNICAL OFFICE

- > Team of construction, design and engineering professionals.
- > Support architects and designers.
- > Studying and making the follow-up of projects carried out with KRION®.
- > Collaborate with designers to find the optimal solution for each project and develop new solutions.



PROJECT DEVELOPMENT



INITIAL ADVICE

SUPERVISION OF
IMPLEMENTATION



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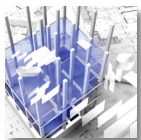
KRION®
TECHNICAL OFFICE

SPECIFIERS TRAINING

Training for specifiers and technical offices so that projects developed in KRION® follow and reach the highest quality standards. Consultancy is sustainable construction models and healthy spaces.



CONSTRUCTION SYSTEMS



SUSTAINABILITY

PRODUCT



BIM



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KRION[®]
TECHNICAL OFFICE



KRION® Library BIM for Healthcare



WALL CLADDING

- CURVED UNION WITH FLOORING
- CONTINUOUS KRION VERTICAL CLADDING
- CURVED UNION WITH FALSE CEILING

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Curved KRION union with vinyl flooring



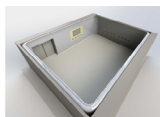
KRION 90-degree corner-joint with a metallic base molding and vinyl flooring



KRION union with metallic base molding and vinyl flooring frontally bonded



Bevelled KRION union with a metallic base molding and vinyl flooring



Revestimiento continuo quirófano



Continuous KRION vertical cladding on laminated plaster partition. Chemical fixation



Curved KRION union with false ceiling and perimeter lighting



Straight KRION union with false ceiling and perimeter lighting



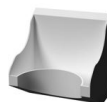
Straight KRION union with false ceiling



KRION cladding curved union to the floor

SURGICAL WASHBASINS

- SURGICAL SCRUB SINK
- SURGICAL TROUGH
- LARGE SURGICAL TROUGH L601
- KRION WORKTOP WITH BABYBATH



Surgical scrub sink KRION



Surgical trough



Large Surgical Trough L601



KRION worktop with babybath



Surgical trough with high upstand



Counter with D803 basin

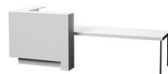


Double surgical scrub sink

BIM library
KRION®

COUNTERS

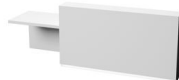
- KRION TABLE AND COUNTER
- KRION ORGANIC COUNTER
- KRION STRAIGHT COUNTER



KRION table and counter



KRION organic counter



KRION straight counter



KRION curved counter



KRION straight counter at two heights

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ACCESORIES

- SANITARY TABLE
- KRION AUXILIARY INSTRUMENT TABLE
- KRION WALL-GUARD



Sanitary table



KRION auxiliary instrument table with high upstand



KRION auxiliary instrument table with a low upstand



KRION curved wall-guard



KRION straight wall-guard



KRION seat wall-guard

BIM library
KRION

THANK YOU FOR YOUR ATTENTION

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KRION
PORCELANOSA Grupo

Presentation by  A&D