

JUNE '15

# KRION™ AND SUSTAINABILITY

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**krion®**  
PORCELANOSA SOLID SURFACE



KRION™ Porcelanosa Solid Surface constantly strives to ensure that its products are more sustainable and have less of an impact on the environment.

Long-lasting, easy to maintain, easy to repair, with a recycled material content certified by SCS Global, and certified by Greenguard thanks to its low VOC emissions, KRION™ Porcelanosa Solid Surface contributes towards the sustainability of the planet. It also helps projects that include KRION™ Porcelanosa Solid Surface to obtain LEED points which are becoming increasingly important in the world of construction.



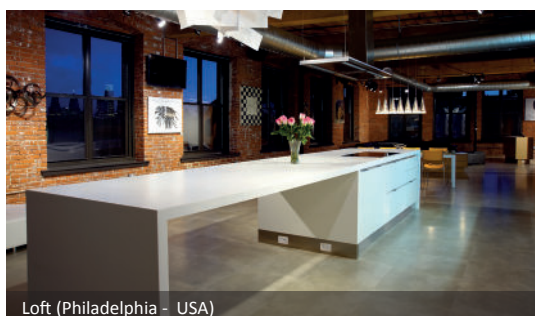
LEED is the abbreviation for Leadership in Energy and Environmental Design.

Buildings have a fundamental effect on people’s lives and the health of the planet; they use one third of the total energy, two thirds of all the electricity, one eighth of all the water, and transform lands that provide valuable ecological resources.

Since it was first created in 1999, the LEED Green Building classification system for new build projects has helped professionals in different countries to improve the quality of buildings and their impact on the environment.

As the ‘green’ building sector has grown exponentially, more and more professionals in the construction industry, owners and operators are seeing the benefits of ecological construction and the LEED certification.

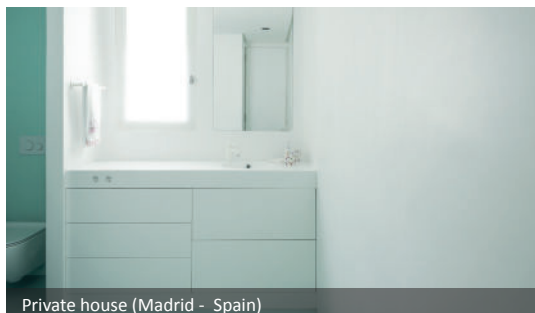
KRION™ Solid Surface can be used in an infinite variety of applications both indoors and outdoors, such as kitchen surfaces, sinks, decorative elements or ventilated façades.



Loft (Philadelphia - USA)



Balint house (Valencia - Spain)



Private house (Madrid - Spain)



Ortiz y Leon (Madrid - Spain)

Using KRION™ Porcelanosa Solid Surface can help your projects to be awarded LEED points in the following categories:

#### MATERIALS AND RESOURCES CATEGORY (MR)

##### MR Credit 1.3: Building reuse: Maintain 50% of Interior Non-Structural elements (1 point)

**How can KRION™ Porcelanosa Solid Surface contribute?** KRION™ Porcelanosa Solid Surface is a material with a long useful life, which means it can remain in the places where it has been installed, even when the building is being adapted to a different use, thereby reducing the production of waste material from demolition work and avoiding the need to create new structures.

##### MR Credit 3.1: Materials reuse 5% (1 point)

##### MR Credit 3.2: Materials reuse 10% (also 1 point from MR credit 3.1)

**How can KRION™ Porcelanosa Solid Surface contribute?** KRION™ Porcelanosa Solid Surface is a material that can be easily repaired, as well as being a material without visible joints, depending on the design, due to the use of high quality bonding adhesives, with very similar chromatic qualities, meaning that once it has been removed from its original location it can be converted into a new product with a different design from the original.

##### MR Credit 4.1: Recycled content 10% post-consumer + ½ pre-consumer (1 point)

##### MR Credit 4.2: Recycled content 20% (also 1 point from MR credit 4.1)

**How can KRION™ Porcelanosa Solid Surface contribute?** Depending on the model, KRION™ Porcelanosa Solid Surface can have a recycled content of up to a minimum of 6% or 12%. This content is certified by SCS Global, the most widely trusted certification body for third parties, audits and testing services, helping producers to achieve their environmental and sustainability goals.



MINIMUM 6% RECYCLED CONTENT  
PRE-CONSUMER



MINIMUM 12% RECYCLED CONTENT  
PRE-CONSUMER





## MATERIALS AND RESOURCES CATEGORY (MR)

**MR Credit 5.1: Regional Materials: 10% Extracted, Processed and Manufactured Regionally (1 point)**

**MR Credit 5.2: Regional Materials: 20% Extracted, Processed and Manufactured Regionally (also 1 point from MR Credit 5.1)**

**How can KRION™ Porcelanosa Solid Surface contribute?** KRION™ Porcelanosa Solid Surface makes use of the network of showrooms and fabricators that Porcelanosa Group has all over the world, which means that the finished product is nearly always manufactured locally or regionally, thereby considerably reducing its environmental impact.



## INDOOR ENVIRONMENTAL QUALITY CATEGORY (EQ)

**EQ Credit 4.1: Low-Emitting Materials: Adhesives & Sealants (1 point)**

**How can KRION™ Porcelanosa Solid Surface contribute?** KRION™ adhesives have been awarded Greenguard certification due to its low emission of volatile organic compounds (VOC). This certification is awarded by the prestigious certification body UL. Thanks to its low emissions that do not affect the environment, KRION™ adhesive is suitable for use in locations such as schools or museums.



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