

**DEKTON®**

# Private Studio Collection

**Ultra-resistant.  
Unlimited possibilities.**

Dekton® Rem

Designed by **COSENTINO**



Dekton® is a sophisticated mixture of more than 20 minerals extracted from nature. Its production process is the result of years of learning and inspiration to make glass, latest-generation porcelain tiles and quartz surfaces.

Dekton® uses in its manufacturing the exclusive TSP technology, able to sinter mineral particles making them bond with each other, change and compact their internal structure. A unique and innovative technological process that represents an accelerated version of the metamorphic changes that natural stone undergoes when exposed for millennia to high pressure and high temperature.

Dekton® emulates in a few hours what takes nature thousands of years, through an exclusive technological process.

The electron microscopy allows the reduced porosity of the material, due to the sintering process and exclusive ultra-compaction of Dekton®. It's virtual zero porosity and the non-existence of the microflaws that cause tension and weaknesses set Dekton apart from other materials.



≡ **DEKTON®**  
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**Dekton®  
Features**

Dekton® has all the technical specifications required in a high resistance surface to materialize any interior and exterior residential design project.



**Low water absorption**

Dekton's® water absorption is negligible so it does not undergo any expansion movement due to it.



**Maximum fire & heat resistance**

Dekton® has been successfully installed on facades in areas exposed to high temperatures.



**Resistance to freezing & thawing**

Dekton® resistance to durability tests in freezing and thawing situations and its application in various weather conditions prove its high performance.



**Scratch resistance**

Dekton® is one of the most scratch resistant surfaces on the market today. It has a rating of seven (7/10) on the Mohs scale for mineral hardness.



**Stain resistance**

Dekton® is resistant to stains from a variety of sources so they can easily be removed without altering their finish.



**High ultraviolet (UV) light resistance**

Dekton® is highly resistant to UV light and will not fade or degrade over time in any kind of outdoor application.



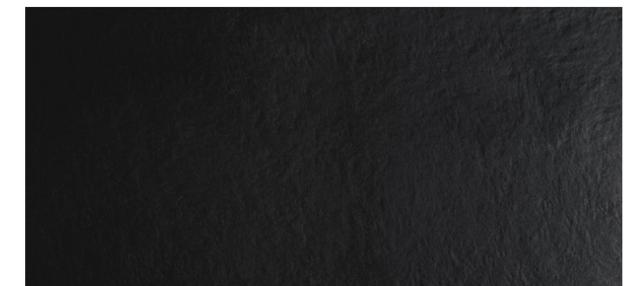
≡ **DEKTON®** Private Studio Collection

Studio 1

25 YEAR WARRANTY



Aeris



Sirius

≡ DEKTON® Private Studio Collection

Studio 2

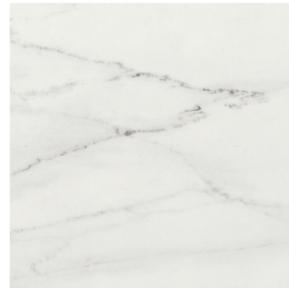
25 YEAR WARRANTY



Neural *Coming Soon*



Entzo



Rem



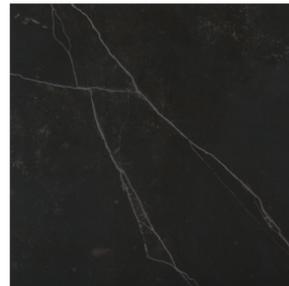
Trance *Coming Soon*



Kreta



Trilium



Kelya



Laurent



Dekton® Trance

≡ DEKTON® Private Studio Collection

Studio 3

25 YEAR WARRANTY



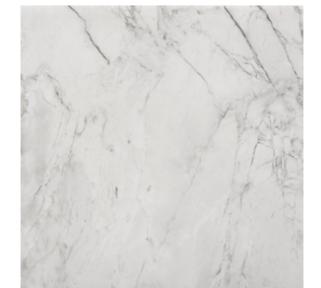
Lucid *Coming Soon*



Awake *Coming Soon*



Helena



Bergen



Khalo



Taga



Dekton® Laurent



*Coming Soon*

Onirika represents a journey. A detour in our dreams where boundaries between dreams and reality vanish.

A collection that unites the poetic and unique beauty of stones harnessed by Dekton technology, as those dreams where we observe and vaguely feel in control but only the deepest part of our mind truly understands. The collection is named in honor of the lavish inspiration of the two worlds conveyed in marbled colors to captivate our eyes and to infuse any space with a feeling we understand but cannot explain.



Dekton Onirika Neural



Dekton Onirika Awake



# The only full life-cycle Carbon Neutral Surface

Sustainable development is an essential component of the company's growth strategy, with special regard to the respect and protection of the environment.

## We calculate our carbon footprint

As part of our de-carbonization plan, our carbon footprint is calculated and verified by an accredited third-party organizations.

With the approval of MITERD (Spanish Ministry for Ecological Transition and Demographic Challenge), it is part of the Spanish Registry of Carbon Footprint, offsetting and CO2 Absorption Projects of the OECC (Spanish Office of Climate Change).

For this calculation, we use data on energy and fuel consumption, raw materials and more of the entire value chain and of the Cosentino Group branches (Centres, Workshops, Cities, HUBs, HQ,...).

## We reduce our impact

**We are committed to energy efficiency, emissions reduction and sustainable mobility to minimize our impact.**

### **Energy Efficiency**

It is a priority objective for Cosentino to reduce energy consumption in production process and in the general group activity. In addition, 100% of the electricity we use in the production process comes from renewable sources.

### **Emission Reduction**

2.8 million euros have been invested in the implementation of an energy management and monitoring system for the heat systems which allows heat from the Dekton furnaces to be recovered and used in the dryers, thus reducing emissions.

### **Sustainable Mobility**

We have recently joined the "Plan Sumamos Salud + Economía" under which we have a Mobility Policy that helped us to avoid 1.255 TCO<sub>2</sub> in 2019.

## We offset our emissions

**To achieve carbon neutrality in Dekton, at Cosentino we offset our emissions over the entire product life cycle (scopes 1+2+3) by investing in GHG emission offsetting projects.**

For this purpose, we identify those projects that meet the requirements for responsible offsetting and that, in turn, have a strong social dimension that contributes to the achievement of the Sustainable Development Goals of the UN's 2030 Agenda.

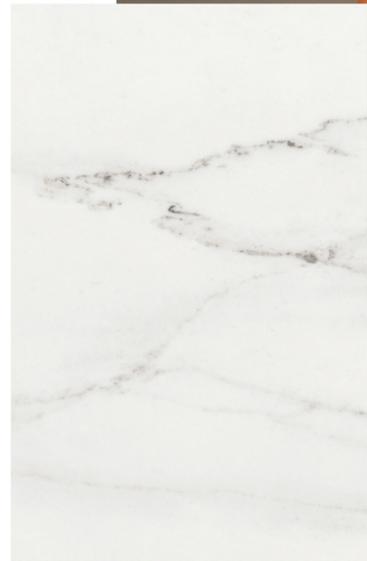
The project selected to offset the 42,532 tons of CO<sub>2</sub> emissions resulting from one year of Dekton production was the "Loma Los Colorados Land II Gas Project" in Chile, which has a direct impact on sustainable development by supporting the local economy, providing training and job opportunities.



1



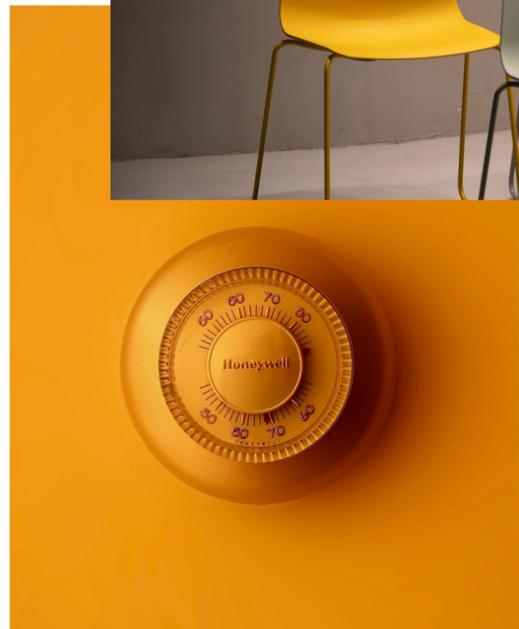
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2



6



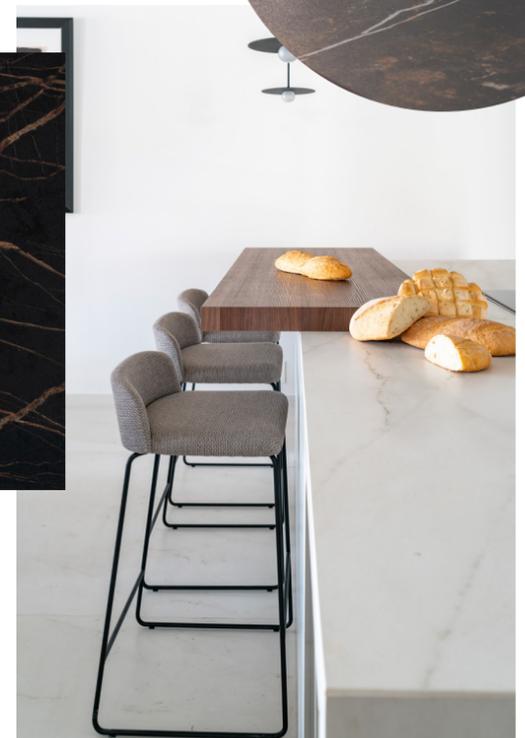
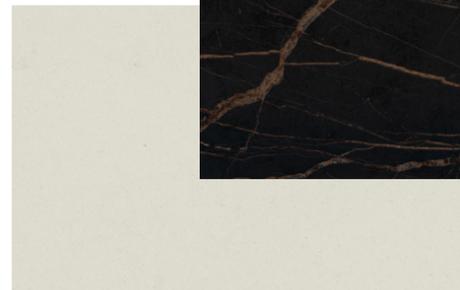
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4



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1. Helena 2. Rem 3. Trilium 4. Khalo 5. Aeris 6. Laurent 7. Kelya



## Private Studio Collection

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