



# Cosentino Product Guide

DISCOVER ALL THE  
2021-22 PRODUCTS



SILESTONE® TOSCANA CREAM

SILESTONE  
—  
DEKTON

PRODUCT  
CONTENT



## Corporate Purpose

Inspiring people  
through innovative  
and sustainable  
spaces.

## Mission

To be a leading company that responsibly imagines and anticipates, with its customers, high value and innovative surfaces for the architectural and design world.

## Vision

Lead the global surfacing market by branding innovative architectural solutions that provide design, value and inspiration to our customers' lives.

We are Cosentino

# Certifications

Cosentino has an unwavering commitment to satisfy the needs of customers and suppliers with respect for the environment and through responsible resource management, guaranteeing a commitment to innovation and continuous improvement of our processes, products, and services on a global scale.

## Cosentino®

- ISO 9001
- ISO 14 001
- ISO 20 400
- UNE 15 896
- Credits in Leed and Breeam in Silestone®, Dekton® and Sensa by Cosentino®
- CSR (verified by KPMG) based on GRI - Global Reporting Initiative

## Silestone®

- Declare Label
- EPD (Environdec)
- VOC (UL) Greenguard y Gold.
- VOC (Eurofins) A+
- Kosher - Countertops
- Food contact (NSF) All food contact types - Countertops
- DoC (Declaration of Conformity) in accordance with Regulations 1935/2004 / EC, 2023/2006 / EC, 10/2011 / EU - Countertops
- DoC (Declaration of Conformity) according to EN 15285, EN 15286 - Floors and coatings
- DoC Integrity (Declaration of Conformity) according to EN 13310 - Sinks

## Dekton®

- Declare Label
- DGNB Label
- EPD (Environdec)
- VOC (UL) Greenguard y Gold.
- VOC (Eurofins) A+
- Chemical Spot Test (SEFA)
- Fire Safety Certification APF-1525 (Applus) based on ISO 1716
- Combustibility Test (CSIRO)  
based on AS 1530.1
- Fire Euroclass A1 (Tecnalia)  
basado en 13501-1
- Burning Characteristics (QAI) basado en ASTM E84-15bb
- DoC (Declaration of Conformity) in accordance with EN 14411 Annex G - Floors and coatings
- DoC (Declaration of Conformity) in accordance with European directive 2014/90 / EU - Boats
- UPEC 811-2.0/18 (CSTB) - Soils
- DoC (Declaration of Conformity) in accordance with ETAG 034 Article 66.3 - Facades / DoC (Declaração de Conformidade) de acordo com ETAG 034 Artigo 66.3 - Fachadas
- ETA 14/0413 - Ventilated facades
- BBA 16/5346 - Ventilated facades
- NOA 19-0227.02 - Ventilated facades
- DoC (Declaration of Conformity) in accordance with ETAG 034 Article 66.3 - Facades
- ETA 14/0413 - Ventilated facades
- BBA 16/5346 - Ventilated facades
- NOA 19-0227.02 - Ventilated facades
- Seismic Test Report T1601 (NCREE)
- Kosher - Conformidad
- Contacto Alimentario (NSF) Splash zone - Encimeras

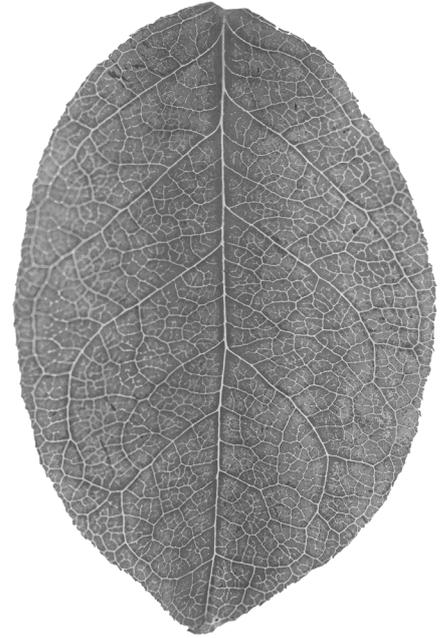


# Cosentino Sustainability

At Cosentino, we approach sustainability as a collective commitment that stems from the individual involvement of those that are a part of Cosentino.

Our continuous improvement efforts involve constant analysis of our entire value chain - from the acquisition of raw materials to the delivery of the final product to consumers.

We are firmly aligned with the United Nations' 2030 Agenda. As a global leader in the manufacturing and distribution of innovative surfaces from our headquarters in Almeria, Spain, we are committed to driving the path towards local and global sustainability.



→ Olive trees in the Cosentino industrial park



→ LED lighting throughout the Cosentino industrial park.



→ Photovoltaic installations at Cosentino

## Energy

Energy efficiency and the use of renewable energy sources are the two core elements of our strategy to minimize the impact of our activities.

100% of our energy consumption comes from renewable energy sources, and we aspire to reach 30% energy self-consumption in the coming years.

On the other hand, the constant improvement of our processes and machinery allows us to reach a high level of energy efficiency, which translates into an 8% decrease of our electrical consumption in our production processes.



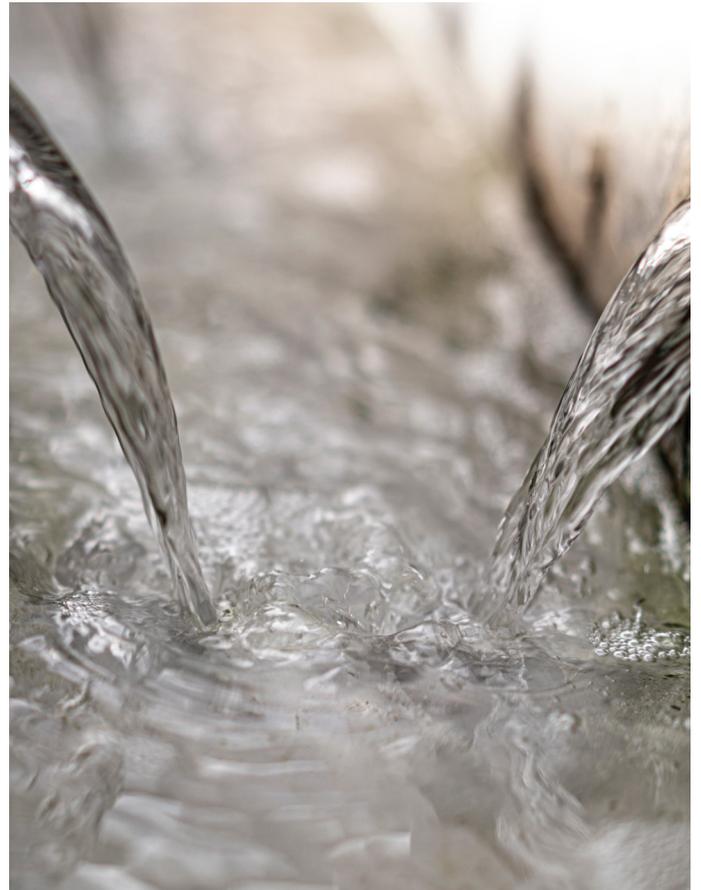
## Water

Since our inception, we have valued the importance and understood the challenges of proper water management.

It has motivated us to implement a sustainable use policy maximizing the efficient use of water resources in the different production processes.

We use cutting-edge technology to achieve 99% recycled water in all our processes in the Cosentino Industrial Park.

In addition, we use 100% of the surplus water to irrigate green areas.



## Materials

We are committed to making the most of the materials we work with throughout the value chain.

In recent years we embarked on an ambitious R&D project called "Circularity" to reuse the materials from which our products are made.

Another action is the disruptive HybriQ+ technology that brings about the new generation of Silestone. HybriQ+ incorporates a minimum of 20% recycled materials and is manufactured with 100% renewable energy and 99% recycled water.

# Carbon neutrality: Sustainable design



Cosentino Group is deeply committed to sustainable development in the company's growth strategy, prioritizing respect and protection of the environment.

We address aspects related to the efficient use of natural resources, proper waste management, atmospheric emissions, discharges

and other potential impacts in order to make sustainable use of natural resources and protect biodiversity and ecosystems.

At Cosentino we are strongly committed to the 2030 Agenda promoted by the United Nations and the Local Action Plan promoted by the Spanish Government.

As a demonstration of our commitment, we have managed to offset the 42,532 tons of CO<sub>2</sub> emissions resulting from one year of Dekton® production, thus obtaining

the Zero Carbon Footprint label for the entire product life cycle in 2019 for all Dekton® products.

In addition, the Sunlit Days series by Silestone® is the brand's first collection to achieve the carbon neutral certification.



## We calculate our carbon footprint

It is an external body that verifies the calculation and the results of the carbon footprint that is submitted to the Spanish Ministry for Ecological Transition and Demographic Challenge (MITECO, in Spanish), which is responsible for approving and registering our footprint, becoming part of the **'Spanish registry of carbon footprint, offsetting and carbon dioxide absorption projects'** of the Spanish Climate Change Office (OECC, in Spanish), whose results are made public as an exercise in transparency.

This calculation uses energy and/or fuel consumption data, as well as raw material consumption data collected from all **Group subsidiaries** (Centres, Workshops, Cities, HUBs, HQ, etc.) with a view to offset these emissions.



## 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 for Cosentino to reduce energy consumption in the production process and in the general group activity, which is why we have managed to obtain 100% of the electricity we use 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 230 TCO<sub>2</sub> in 2018.



## 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 reduction 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 contribute 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, has a direct impact on sustainable development by **supporting the local economy, providing training and job opportunities**.

# HybriQ Technology



 **99%**  
Recycled  
Water

 **0%**  
Water  
Discharge

 **100%**  
Renewable  
Electric Energy

 **Min. 20%**  
Recycled  
Materials

# The Ultimate Mineral HybriQ Surface

An innovative generation of surfaces made entirely with renewable electric energy, 99% recycled water and a hybrid formulation composed of a high-performance blend of premium minerals, quartz, and recycled materials, such as glass. More beautiful. More innovative. More sustainable.



## More innovation. Same performance

Commitment to innovation and sustainability leads Silestone® to exceptional performance and amazing color depth. With the same quality and warranty that has made us industry leaders.

## More design possibilities

The new composition of premium minerals selected worldwide for each design allows for a greater depth of Silestone® colors, textures and shades in order to create unique and personalized spaces.

## More sustainability

HybriQ+® uses a minimum of 20% recycled materials in its composition, such as glass, and its manufacturing process is powered entirely by renewable energy and recycled water.

# Dekton®

by Cosentino®



**DEKTON®**  
designed by **COSENTINO**

## Innovation applied design.

Dekton® is a sophisticated blend of over 20 minerals extracted from nature. Its production process is the result of years of research, development, and innovation in the manufacturing of glass, state-of-the-art porcelain and quartz surfaces.

Electron microscopy makes it possible to appreciate the reduced porosity of the material, a consequence of the sintering and ultracompaction process exclusive to Dekton®. This reduced porosity and the absence of micro-defects causing stresses or weak points are the distinguishing features of Dekton®.



## Sintered Particle Technology

Dekton® uses an exclusive SPT in its manufacturing, capable of sintering mineral particles, bonding them together and compacting their internal structure. This innovative technological process mimics and accelerates the processes that natural stone undergoes when exposed to high pressures and temperatures for millennia.

Dekton® emulates in a few hours what nature takes millennia to do, thanks to the exclusive SPT technology.

- The furnace has a length of 180 meters (196 yards).
- Temperatures reach approximately 1250°C (2300°F).
- Total processing time depends on the thickness of the slab (about 4 hours).

## Safety in facades and cladding

In order to reinforce safety in ventilated facades and interior cladding, there is the possibility of adhering a safety mesh behind the Dekton® slab, specially developed to prevent falls due to breakage. It is a 300 g/m<sup>2</sup> fiberglass mesh adhered to the material with epoxy resin. Safety is one of Cosentino's main concerns.



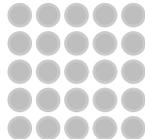
1

Compacted Mineral



2

Mineral Crystallization



3

Crystalline network



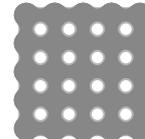
4

Network liquidation



5

Solidification of the liquid



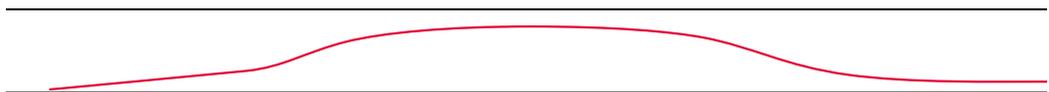
6

Ultracompact slab



1200 °C

25 °C



Press

Oven

Ultracompact Surface

# Dekton® features

## Dekton® Product 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.



### Highly resistant to ultraviolet (UV) light

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



### Superior mechanical resistance

Dekton's® variety of thicknesses allow it to be used in applications where resistance to wind or impact are a project requirement.



### Fireproof material

Dekton® can withstand high temperatures without burning, scorching or cracking. European Standard EN 13501 and ASTM E84 testing, classifies Dekton® as a noncombustible material.



### Color durability

Dekton's® control of pigmentation and decoration in the manufacturing process provides better color consistency from one slab to another, resulting in a long lasting product that will not fade over time.



### Scratch resistant

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.



### Dimensional stability

Dekton® expansion is minimal so it can be installed with thin joints between panels. These joints will keep their width in all conditions.



### Resistance to freezing and thawing

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



### Abrasion resistant

Dekton® is even more resistant to abrasion than granite and porcelain, making it the ideal surface for facades or high-traffic flooring in commercial applications.



### Maximum fire and heat resistance

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



### Easy cleaning and low maintenance

Most graffiti can be removed from Dekton® with standard cleaning products. Maintenance costs are reduced.



### Stain resistant

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

## Dekton® finishes

Dekton® comes in different finishes so that the only limit is the imagination: from the ultra-glossy finish, to matte or velvet textured options.

Different Sensations.  
Richness of Shades.



### X-Gloss

A luminous and dazzling finish achieved by mechanical polishing, without the need for enamels or other materials.



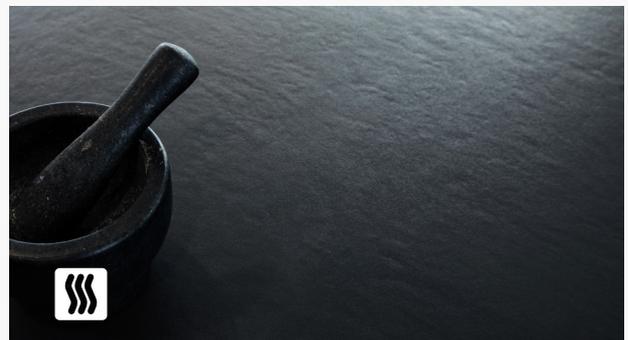
### Matte

The matte texture pursues a natural, shine-free appearance, ideal for achieving a harmonious and timeless finish. Most Dekton® products are manufactured with this finish.



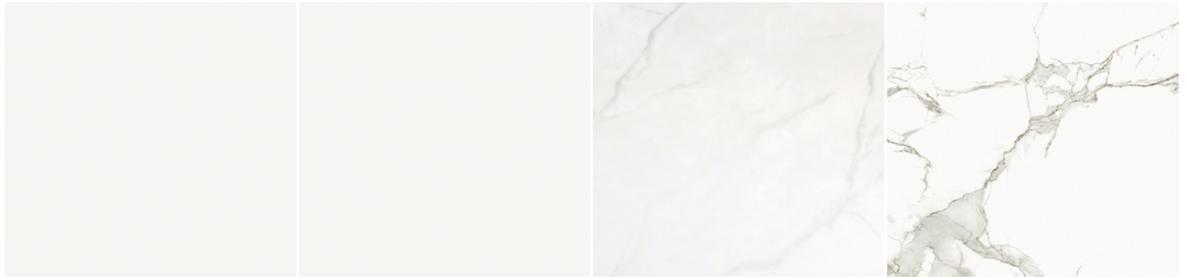
### Velvet

The materials chosen in Velvet create a feeling of warmth and comfort. This texture is perfect in classic colors with veins.



### Textured Velvet

Matte or Textured Velvet textures combine the warmth of velvet with the roughness of a textured, imperfect material. It is ideal for emulating the finish of natural stone.



Uyuni      Zenith      Halo      Tundra      Aura 15



Rem      Natura      Opera      Olimpo      Helena



Lunar      Kairos      Entzo Calacatta      Sky      Niliium



Shell      Bergen      Aeris      Danae      Edora



Sasea      Arga      Taga      Keon      Kovik



Strato

Sirocco

Khalo

Kreta

Soke



Vera

Orix

Laos

Fossil

Kira



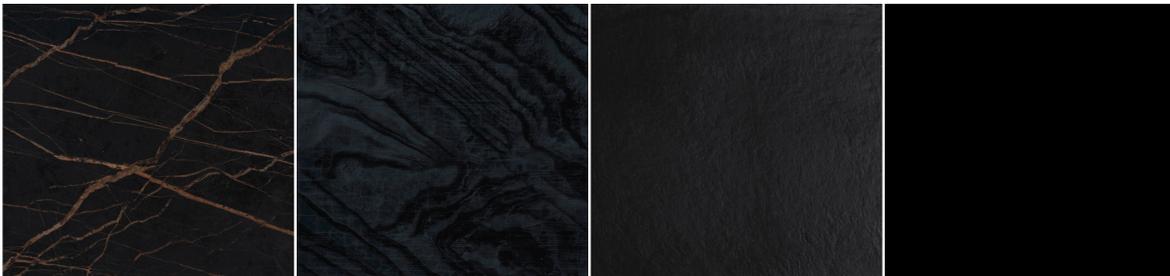
Trilium

Keranium

Radium

Bromo

Kelya Marble



Laurent

Embers

Sirius

Domoos



# Silestone®

by Cosentino®

## The Ultimate Mineral HybriQ Surface

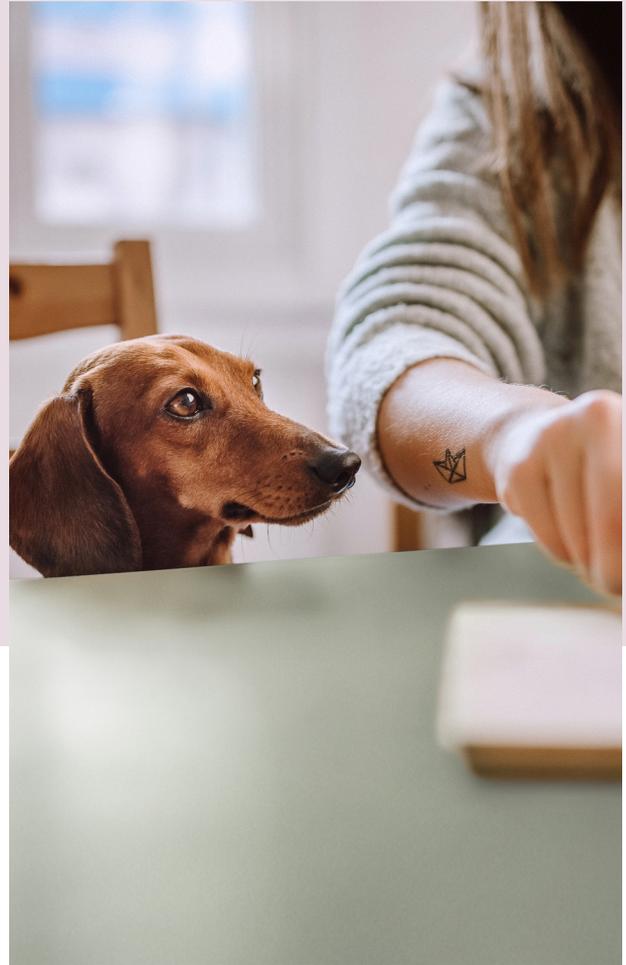
Silestone® is a hybrid surface of premium minerals, quartz, and recycled materials to dress interior spaces with color and texture.

### Silestone® advantages.

Silestone® is extremely durable in kitchens, bathrooms and other spaces exposed to constant activity and use. In addition, it offers an unlimited range of colors and textures.

Silestone® has many advantages, including minimal maintenance, high resistance to stains and scratches, and a low fluid absorption rate. This resistance to fluids and its minimal joints make Silestone® the ideal solution for places where liquids are present. Silestone® is resistant and allows for prolonged enjoyment to last a lifetime.

The properties of Silestone® are the result of constant years of innovation that guarantee maximum hygiene and safety.



### Acid and Scratch Resistant

Silestone® has a high level of scratch and impact resistance, as well as resistance to external aggressors such as acids common in daily kitchen use.

### Impact Resistant

The high impact resistance of Silestone® allows the handling of hard objects (pots, pans, trays, etc.) with total peace of mind.

### Stain Resistance

Silestone® is a non-porous surface that is highly resistant to stains from coffee, wine, lemon juice, oil, vinegar, makeup and many other everyday products.



**SILESTONE**  
WARRANTY



## Silestone® with HybriQ+ Technology®

HybriQ is a pioneering technology from Silestone®. An innovative generation of surfaces composed from a hybrid formulation. A new high-performance blend of premium minerals, quartz and recycled materials.

The result is a more beautiful and sustainable product. Silestone with HybriQ Technology is made through a manufacturing process completely fueled by renewable energy and recycled water. This new generation maintains the guaranteed quality and warranty of Silestone.

### More innovation

Cosentino®'s commitment to offering the most innovative and sustainable surfaces leads Silestone® to exceptional performance and depth of surprising color. Silestone® is the combination of innovation and sustainability.

### More sustainable

HybriQ+ uses a minimum of 20% recycled materials, 99% recycled water and 100% renewable energy.

This new generation of surfaces maintains the 25-year Silestone® warranty.

### More design

The new mineral composition allows for greater depth of color, textures and Silestone® tones to create unique and personalized interior spaces.

### Same benefits

Silestone® with HybriQ+ maintains all the characteristics of quality, durability and warranty that have made Silestone® the market reference in its category.

**HYBRIQ+**  
TECHNOLOGY



## Silestone® finishes

Surface sensory  
perception.

In order to adapt to all styles, Silestone® offers different finishes for any of its applications. Polished, Suede or Volcano are three possibilities that make your imagination soar and have the countertops, floors or walls with the texture you have always wanted.



### Polished

Extreme shine, a smooth surface to the touch and a uniform, intense and consistent color.



### Suede

Extra matte finish, offers a flat, non-rugged surface, which conveys a unique experience to the touch for its beauty and fineness.



### Volcano

Rustic texture, rough to the touch, but soft at the same time, an attractive and pleasant to the touch surface

# Beauty Beyond Natural



## New Ethereal Collection

Introducing the  
Ethereal collection. An  
unparalleled leap in  
design, sustainability and  
innovation developed with  
HybriQ+® technology,  
which takes the concept  
of marblestyle colors to a  
new dimension.

Ethereal, an evolution of our popular Eternal Collection, interprets the dreamlike beauty of the sky by drawing fine veins of deep hues on white canvases. The result: the most cutting-edge and avant-garde Silestone® series, a redefinition of veining that creates a new category in terms of performance and design.

## Ethereal Dusk

Ethereal Dusk is that unique sunrise, that unparalleled feeling of being the first person to see the light of day, where peace is seen on the horizon in the last moments of darkness. The bluish tone of its veining gives it a modern touch that, together with its avant-garde linear pattern, makes Ethereal Dusk one of the most urban and contemporary designs in the collection.



Reddish wood and metals reminiscent of rust, such as gunmetal, or old-cut metals, such as bronze and copper, also go well with this color.



## Ethereal Haze

Ethereal Haze is a soft color with a strong character, in which the interplay of patterns merges with the deep, neutral background color. Ethereal Haze is a sea of clouds that offers the sensation of being on the edge of immensity. A veil that separates us from the moment in which we live to transport us to imaginary worlds through the wind that moves the clouds over the mountains, creating the illusion of a calm and fluffy sea.



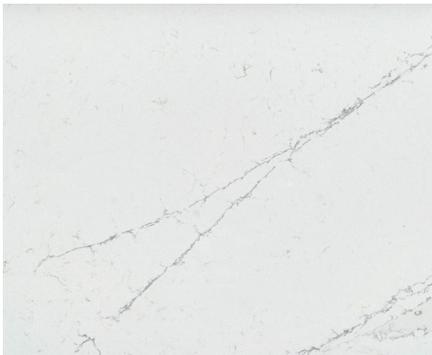
Its combination of cool and warm makes it perfect for spaces with a total wood or cement look. It also works well with coppery metals, gold colors, limestone and more rustic fabrics.





## Ethereal Noctis

Ethereal Noctis draws on the designs of the Eternal collection with a new, renewed and conservative approach. Black features add contrast and elegance to the color range. The gray details and the short-veined background provide depth. Inspired by the darkness after sunset, Ethereal Noctis hides and shelters us in the depths of the night, making us feel life with a strange halo of unreality.



This color elevates the sophistication of the interior design, in combination with brass lamps, stained wood flooring and white and gray furniture for a more industrial look. A versatile color suitable for residential use or for large projects.





Snowy Ibiza

White Arabesque

Ethereal Indigo

Toscana Cream



Halcyon

Ethereal Cloud

Ethereal Haze

Ethereal Noctis

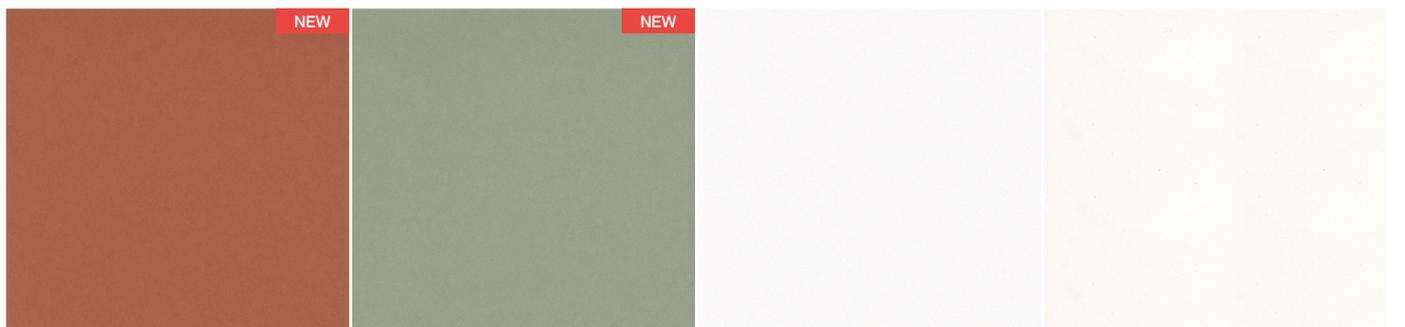


Ethereal Dusk

Faro White

Cincel Grey

Cala Blue



Arcilla Red

Posidonia Green

Iconic White

White Zeus Extreme



Miami White



Calacatta Gold



Nolita



Statuario



Pearl Jasmine



White Storm



Yukon



Blanco Maple



White North



Bianco Calacatta



Stellar Snow



Pietra



Lagoon



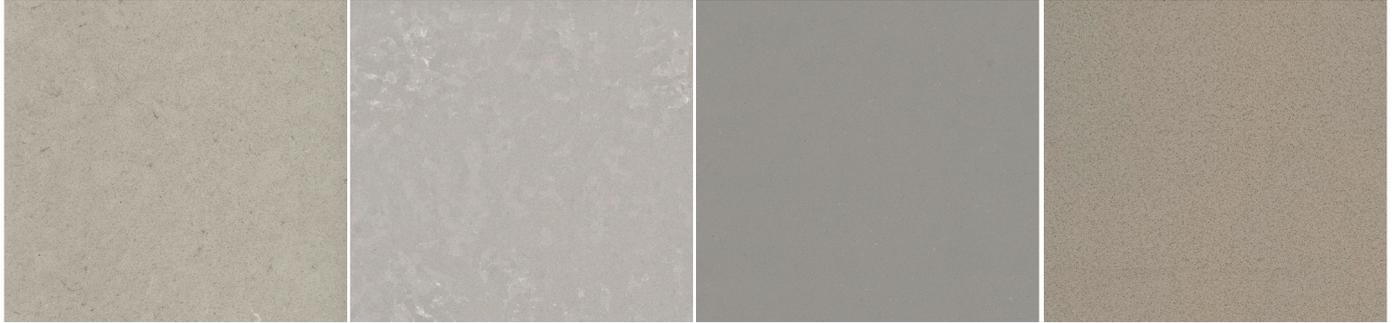
Lyra



Et. Marfil



Blanco City

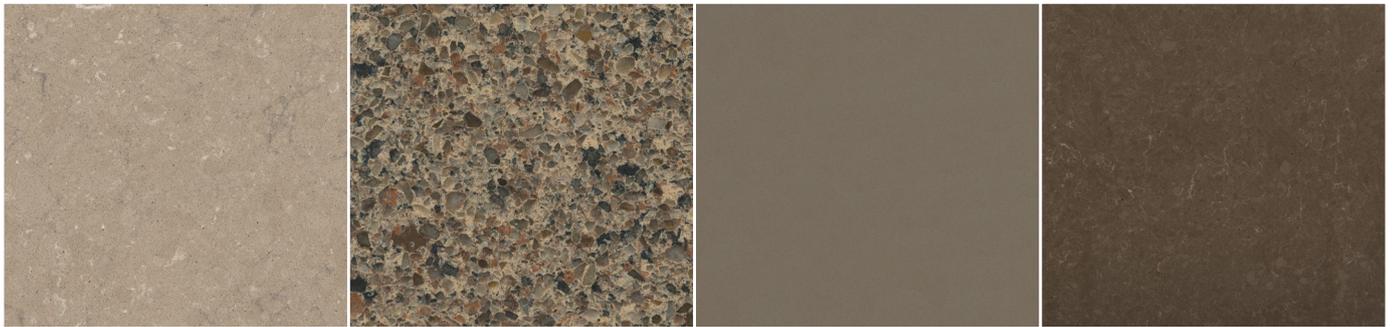


Royal Reef

Poblenuu

Camden

Lena

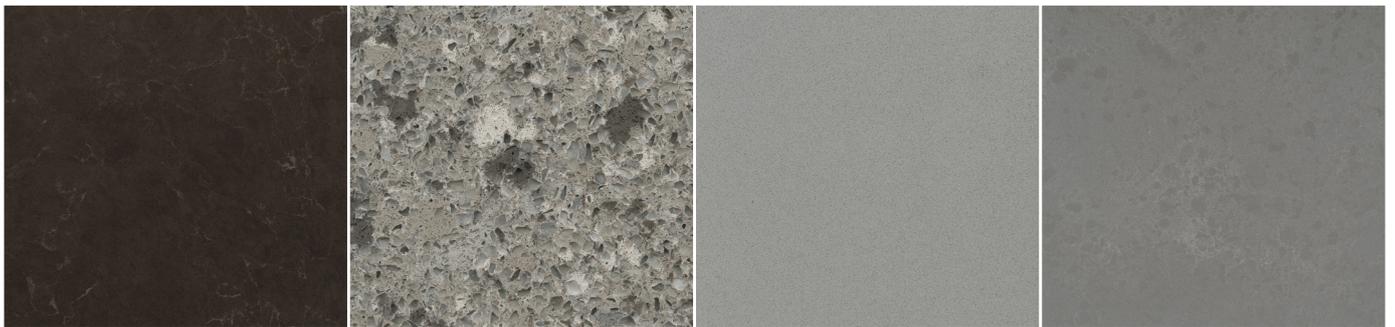


Coral Clay

Sienna Ridge

Unsui

Ironbark



Calypso

Alpina White

Kensho

Seaport



Grey Expo



Ocean Storm



Cemento Spa



Marengo



Tebas Black



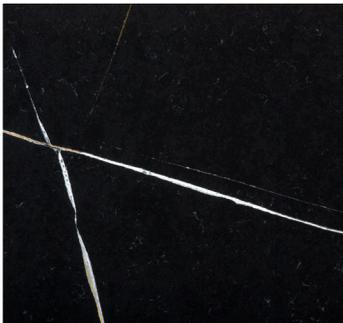
Corktown



Stellar Night



Charcoal Soapstone



Et. Noir

## COSENTINO®

NORTH AMERICA HEADQUARTERS

355 Alhambra Circle Suite 1000,  
Coral Gables, FL 33134 , United States of America  
786.686.5060

   @CosentinoUSA

[www.cosentino.com](http://www.cosentino.com)

[www.silestoneusa.com](http://www.silestoneusa.com)



\*View warranty terms and conditions.

\*\*Obtain information about colors with NSF certification at [www.nsf.org](http://www.nsf.org)