



ULTRACOMPACT SURFACES

DEKTON®

FLOORING SOLUTIONS

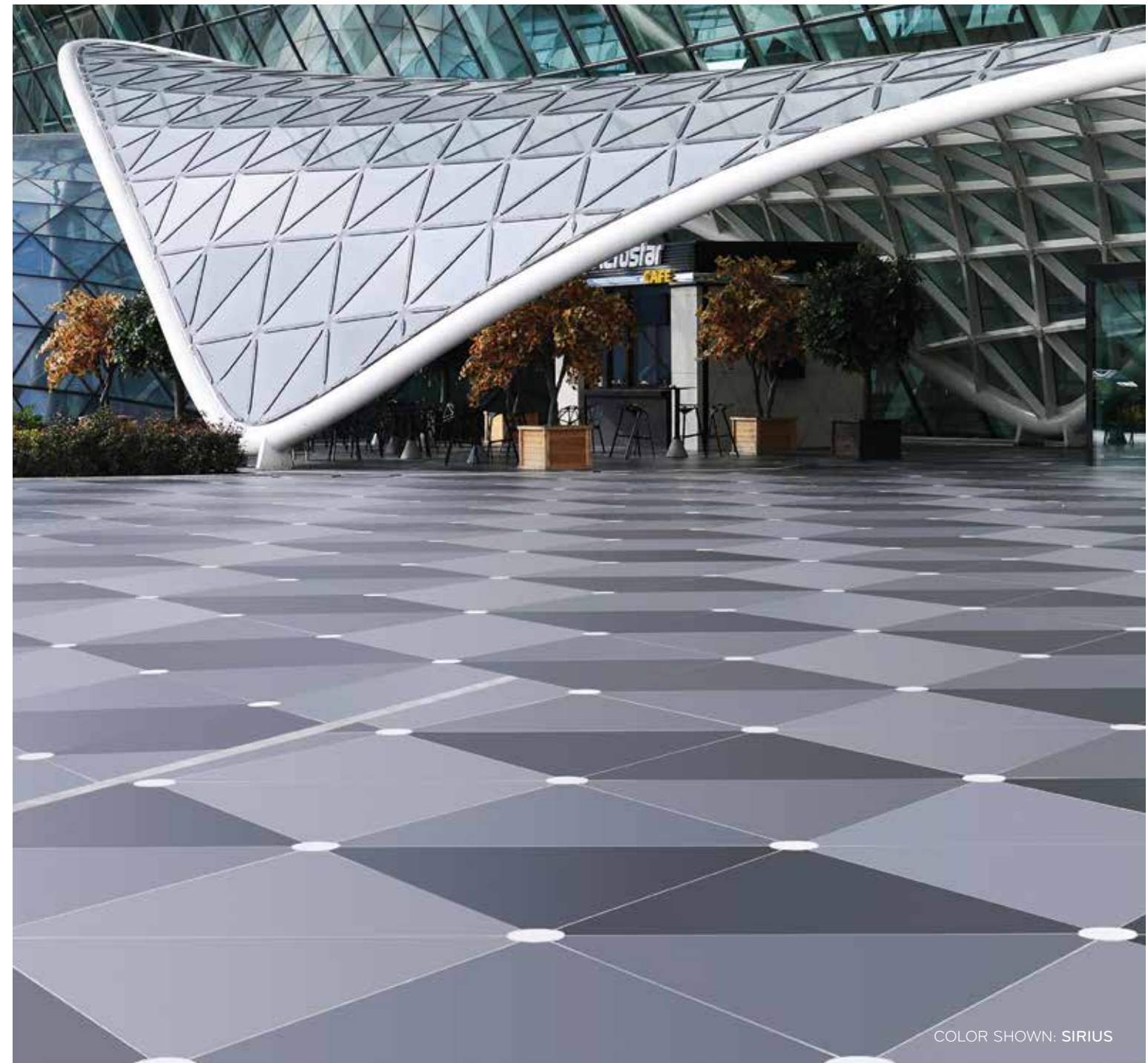
Universal Architectural Application Material

A product designed by **COSENTINO**



DEKTON[®]

ULTRACOMPACT SURFACES



COLOR SHOWN: SIRIUS

DEKTON ATTRIBUTES

ULTRAPERFORMANCE

Dekton's superior technical characteristics offer excellent resistance to scratches and abrasion and therefore can be used in high traffic areas. Dekton's unique resistance to UV rays allows for color stability and exceptional performance in outdoor spaces. Due to its ability to resist heat, frost and thawing, the product can be used outdoors in all weather conditions. This powerful combination allows for the ability to design without limits.

ULTRACOMPACT

Dekton is a blend of raw materials, that undergo a unique technological process known as Particle Sintering Technology, which is an accelerated version of the metamorphic changes that occur when natural stone is exposed to high pressure and temperature for thousands of years. The Dekton press is 25,000 tons, the largest press in the world, which makes the stone into an ultra-compact surface of an unprecedented size and thickness, ensuring extreme performance. This level of compaction contributes significantly to the low porosity of the material, making it a long lasting product that requires minimal maintenance. This evolution represents a technological and industrial leap; a revolutionary material and a leading product that is...BETTER THAN PORCELAIN!



COLOR SHOWN: VEGHA

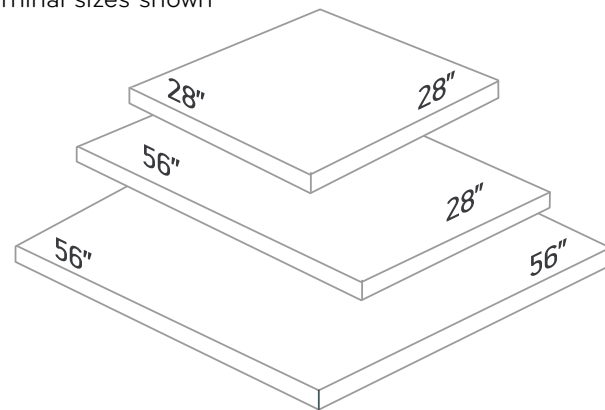
BETTER THAN PORCELAIN

Porcelain is an outstanding product in the tile industry and thanks to the Porcelain Tile Certification Agency, a standard has been set to make sure that those who want porcelain tiles are getting the quality they deserve.

Dekton is the next generation of product that exceeds those standards and provides an ultra-compact product that can be used to fulfill the needs of the architecture and design community.

QUICK SHIP STANDARD SIZES*

*Nominal sizes shown



SPECIAL ORDER

All Dekton colors are available in quick ship standard and custom tile sizes, up to 56" x 126", via special order. Please consult your local Cosentino Center for details.

NOMINAL SIZES

Typical nominal tile sizes are those you're most likely acquainted with, such as 12" x 12", 24" x 24", etc. However, according to Article A137.1 of the American National Standards Institute (ANSI), the actual size of the tiles may be 3% smaller or larger than the nominal tile size stated. For example, a product that is described as a 28" x 28" may be as small as 27.20" or as large as 28.32". A nominal size tile of 56" x 56" may be as small as 54.70" or as large as 56.65". Cosentino offers the nominal sizes in inches, with the actual sizes in millimeters on our product information.

ASTM TILE FLOORING COMPARISON

DESIGNATION CODE	TITLE	INDUSTRY STANDARD	DEKTON
ANSI 137.1 Section 9.6.1	Dynamic Coefficient of Friction BOT 300 Test – Replacing ASTM C1028 static COF Test	≥ 0.42	> 0.42 to 0.57
ASTM C373	Water Absorption	≤ 0.5%	< 0.01 to 0.03%
ASTM C370	Moisture Expansion	0.01%	0.005%
MOHS SCALE	Scratch Hardness	≥ 6	7
ASTM C674	Breaking Strength Modulus of Rupture (MOR) "Flexural Strength"	5,000 psi	8,718 psi
ASTM C648	Breaking Strength (Compression) "Point Load"	≥ 250 lbs.	488 lbs.
ASTM C650	Chemical Resistance	Class A	Class A
ASTM C1026	Freeze / Thaw	No Visible Damage (pass)	No Visible Damage (pass)
ASTM C501	Resistance to Wear of Unglazed Tile (Taber)	250 - 275	337
ASTM C482	Bond Strength	50 psi	437 psi
TAS 108	Wind Lift "Pedestal/Roof Deck" 2cm	Maximum Wind Speed 110 mph	> 110 mph



COLOR SHOWN: FIORD

DEKTON BY COSENTINO THE PRODUCT

Over the last seven years, Cosentino has been working on the development of a new large format surface material that can be specified as an "universal architectural application material." The manufacturing process of this product changes the molecular structure and mirrors the same metamorphic change of natural stone resulting in unique technical and aesthetic characteristics.

This product is Dekton by Cosentino. Dekton is a unique material and is recognized around the world as an ultra-compact product with the highest quality technical characteristics among existing construction surfaces currently on the market.



MANUFACTURING PROCESS

Dekton's manufacturing process includes several phases. Each phase is different depending on the type of product and color requested.

Receipt and preparation of raw material – The raw materials used for Dekton have been very carefully chosen, paying particular attention to predetermined physical and chemical parameters. They are supplied from all around the world and in some cases, demand a complex logistics system to prevent contamination or loss in quality. All raw materials are checked for quality and suitability. Stored separately to prevent cross-contamination, the raw materials are transported by a conveyor belt system from the storage areas to a series of hoppers or purification systems exclusively designed for this process.

Milling and homogenization – The Dekton formula is then transported from the hoppers or purification systems to a wet grinding process where the different raw materials are precisely mixed and ground down to a specific particle size. The particle size completely determines the speed and course of the chemical reaction that creates the Dekton product. This mixture is stored separately before use, following a predetermined stabilization period.

Pigmentation – The pigmentation process is made up of a complex system of mixers, diluters and stirrers. This system is capable of mixing (depending on the color and finish) inorganic pigments with the rest of the Dekton formula. These pigments also form part of the chemical reaction that make Dekton, thus the quality control of its chemical composition is thorough and quite rigorous.

Atomization – The already colored Dekton formula is dried by atomization until a specific size, grain and humidity are achieved. The different powder products obtained are stored in separate silos. In this case, the humidity controls the fluidity of these small particles, allowing them to be deposited in the different receptacles that supply some of the unique designs of the product.

IT'S MORE THAN A PRODUCT. IT'S A CULTURE!

At Cosentino, we recognize how important it is to provide more than just a flooring product to the industry. While manufacturing has developed large format tile, the industry has forgotten that it's the installers that make our products beautiful in their desired applications!

As a result, in association with the National Tile Contractors Association, we are presenting a Cosentino Tile Contractor Certification Program (CTCCP) where only qualified contractors can install our Dekton product.

As ANSI works on A137.3¹ and A108.19² becoming approved standards, there needs to be a great partnership between manufacturers and qualified installers so the industry can maintain its reputation of quality and innovation.

Cosentino has built its reputation as a worldwide leader in architectural products on the relationships of those who handle and install our products. The CTCCP offers the flooring industry the benefit of that culture.

CERTIFICATION PROGRAM

BENEFIT	CERTIFIED MEMBER	PREMIER MEMBER	INAUGURAL MEMBER
Cosentino Recommended	✓	✓	✓
Preferred Pricing	✓	✓	✓
Extended Terms	✓	✓	✓
E-Marketing Support	✓	✓	✓
Voucher Incentives from Setting & Tool Manufacturers		✓	✓
Leads Recipient		✓	✓
Extended Training		✓	✓
Special Annual Event			✓
Guaranteed Lifetime Membership			✓

TERMS & DEFINITIONS:

Certified Member – A licensed Tile Contractor & Company who has completed the Cosentino Tile Contractor Certification Program (CTCCP).

Premier Member – A CTCCP Tile Contractor & Company who has worked on a minimum of six (6) projects using Cosentino Products within a twelve (12) month period.

Inaugural Member – 1 of 50 originally approved Tile Contractors & Companies that were part of the initial group that began on the inaugural journey of the flooring segment for Cosentino North America.

Cosentino Recommended – As a member in the Cosentino Tile Contractor Certification Program (CTCCP), Cosentino will promote and recommend you on all flooring projects where Cosentino large format tile is specified.

Preferred Pricing – Preferred pricing for CTCCP Members will be provided with "Inaugural Members" receiving a 5% greater discount than any other quote.

Extended Terms – Certified Members will have extended terms of up to 30 days. Preferred Members will have extended terms of up to 45 days. Inaugural Members will have extended terms of up to 60 days.

E-Marketing Support – Cosentino will list CTCCP Members in their category on the company's E-sites and direct the viewing of such on all hard copy collateral pertaining to flooring products.

Voucher Incentives From Setting & Tool Manufacturers – Cosentino will be negotiating with setting material and tool manufacturers, discount incentives in the form of vouchers and other mediums on behalf of all Preferred & Inaugural CTCCP Members.

Leads Recipient – Cosentino will be providing leads on projects that are out to bid for all Preferred & Inaugural CTCCP Members.

Extended Training – As new methods and products are developed, Cosentino will be providing on-site extended training for all Preferred & Inaugural CTCCP Members.

Special Annual Event – Each year Cosentino will hold an annual event for all CTCCP Inaugural Members to celebrate the success of Cosentino. Such an event could coincide with a National Show or may be associated with a trip to the Cosentino headquarters in Spain.

Guaranteed Lifetime Membership – All Inaugural CTCCP Members will have a guaranteed lifetime membership regardless of annual sales volume with Cosentino or other criteria for membership in the CTCCP.

¹ANSI 137.3 – American National Standard Specifications for Thin Porcelain Tile and Thin Porcelain Tile Panels

²ANSI 108.19 – American National Standard Specifications for the Handling, Preparation, and Installation of Thin Porcelain Tile and Thin Porcelain Tile Panels.



COLOR SHOWN: SIROCCO

COSENTINO OVERVIEW



The story of Cosentino is a unique one that carries with it the passion and hope of many in the tile and flooring industry. In 1940, the Cosentino Group started quarrying marble in Macael (Almería), Spain.

During the 1980s the company realized it could not limit itself to just extracting and processing 'white Macael' marble, so it decided to adopt a strategy of diversification and international expansion by investing in research and innovation.

Thanks to Cosentino's commitment to research and development, other leading products were later created such as Silestone, Sensa, Prexury and now Dekton.

Cosentino's strong commitment to create innovative materials and offer high-value solutions to the world of architecture and design has always been accompanied by a desire to see others associated with the company succeed.

Come join the next generation of flooring.



COLOR SHOWN: ZENITH

SHOWROOM CENTERS – UNITED STATES

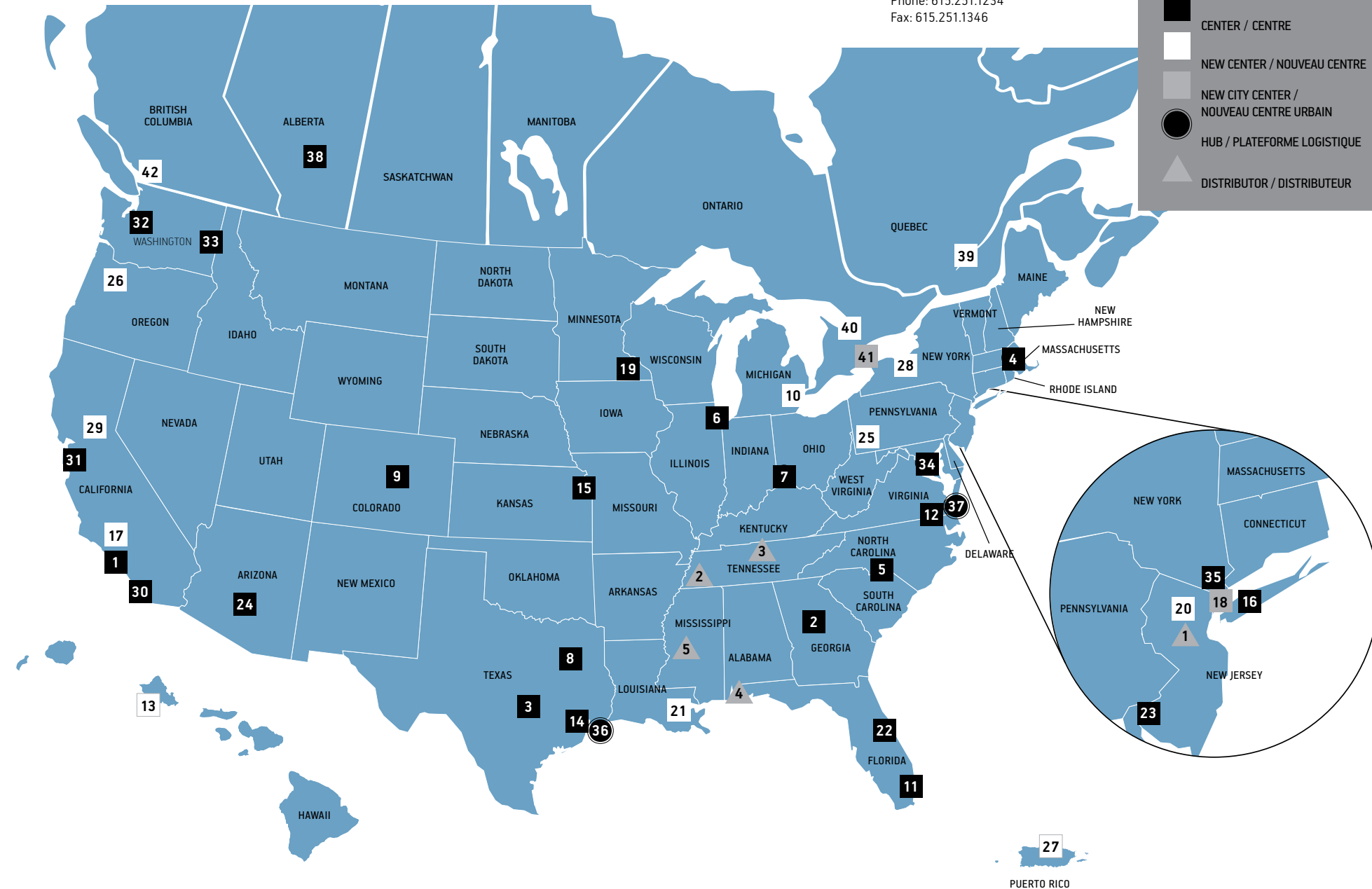
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DEKTON[®]
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A product designed by **COSENTINO**



Download the Dekton[®] app today.



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* See specific warranty conditions.

** Obtain information on colors with NSF certification through www.nsf.org