

Silestone architectural





COSENTINO

Cosentino is a Spanish industrial group whose activity is focused on the design, production and distribution of architectural and decorative solutions using natural stone. We create first-class products to provide innovative, practical solutions for the home and community areas, in accordance with the strictest design, innovation and environmental criteria.

The group bases its development on international expansion and an innovative research product that enables it to apply modern technology for obtaining new materials.

Cosentino's business activity includes the complete natural stone production process, from the extraction and transformation processes to the installation of flat surfaces, such as kitchen worktops and bathroom surrounds, coatings and other elaborate products.

The Group exports 70% of its production, and it is the leading international manufacturer of quartz surfaces, with a distribution network in more than fifty countries.



Silestone® a unique brand

Silestone® is a registered trademark of Cosentino S.A., world leader in the production of quartz surfaces, and the number one company in sales of worktops to the USA, Western Europe and Australia.

Silestone® is a design surface that has been on the market for more than 15 years. It assures maximum quality and guarantee through an after-sales service that only a world leader is capable of offering.

Make sure that our logo is on all our products; that way, you can rest assured that they comply with all the requirements with respect to the quality and prestige that set Silestone® quartz surfaces apart from others.





Silestone® a unique product



Silestone® is the leading international name in quartz surfaces.

Thanks to Cosentino's large sales network, the Silestone® trademark can be found in any part of the world.

Silestone® has a sophisticated appearance and the touch and weight of natural stone, but with a higher quality.

94% of this stone is natural quartz, one of the most resistant and attractive natural elements that exist. Silestone® makes it possible to create the most beautiful kitchen worktops, and innovative commercial projects.

The consistency of its colour cannot be compared to that of any other natural stone.

Silestone® is the result of an innovative technological project executed by Cosentino, a world leader in the natural stone sector, with more than 75 years' experience in the industry

Silestone®'s leadership in international markets has led it to become a trademark that is synonymous with a new product category: hygienic quartz surfaces.

The highly variable design of this product is achieved through the use of a wide range of colours, taking into consideration the tastes of consumers from all over the world. The *River* series, is the latest brand launch, together with *Leather*, the most innovative matt texture in the international market.

Since May 2005, Cosentino has been producing and distributing the new Silestone® which has antibacterial properties; an important investment in research and development has permitted us to generate an innovative product in the domestic hygiene sector and safety in handling foods, making kitchen worktops the safest place in the home.





APPLICATIONS

The natural beauty of Silestone®, together with its unbeatable physical and mechanical features, makes it the perfect material for use in a wide range of commercial and domestic applications.

Just imagine the most innovative application that exists; Silestone® will be a part of it.



RETAIL

HOSPITALS

RESTAURANT KITCHENS

FLOORS

HOTEL RECEPTIONS

HEALTH CARE

RECEPTION AREAS

AIRPORTS

LEISURE CENTRES

MUSEUMS

AGED CARE

HOTELS

KITCHEN AND

BATHROOM APPLICATIONS

Silestone® is unique



Natural Beauty

The elegance and beauty of Silestone® can only be compared to the most attractive natural stones, such as quartz or diamond.

The natural quartz in Silestone® gives it a touch of distinction, shine, sparkle and a uniqueness that can only be found in certain natural stones.



Colour

Silestone® is available in 28 different colours, which ensures that there is always a Silestone® colour that blends in well with most styles or textures. Cosentino continues to increase the Silestone® colour range year after.



Resistance to Staining

Silestone® is a non-porous surface that is highly resistant to staining caused by coffee, wine, lemon juice, olive oil, vinegar, makeup and many other products that are used every day.



Versatility

Silestone® can be used for any interior surface, including kitchen and bathroom tops, stairs, panels, bathtubs and bathroom surrounds, floors, walls, bar rails, tables and desks...



Resistant to Scratching

Quartz ranks 7th in the Mohs hardness scale (the diamond is ranked 10th). Consequently, while care must be taken when using sharp knives on other kitchen tops, such as granite or melamine top, which will become scratched.

Silestone® is highly resistant to scratching, but should not be treated too roughly.



Shock-resistant

Although Silestone® has great shock resistance hot pots and pans should be placed on a trivet and not directly on your Silestone top.

Silestone® has great shock resistance, in most cases considerably higher than that of other products used for similar applications (granite, solid surfaces, etc) which guarantees safety in the kitchen when handling very hard objects (pans, trays, etc).

This resistance is achieved thanks to its quartz (which gives it its hardness) and polyester resin (elasticity) and the vibrocompression system used during the production process.



silestonecolour chart



BLANCO ZEUS



COASTAL COVE



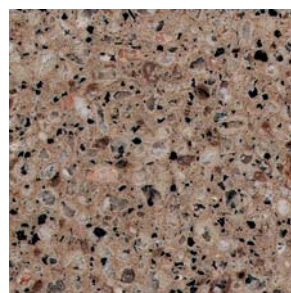
BLANCO MAPLE



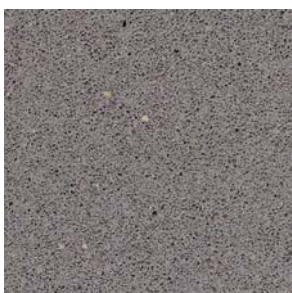
BLANCO NORTE



BEIGE OLIMPO



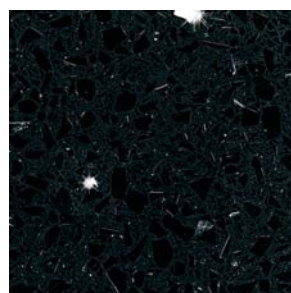
BEIGE DAPHNE



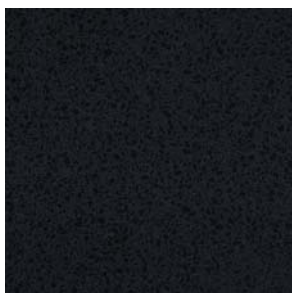
GRIS EXPO



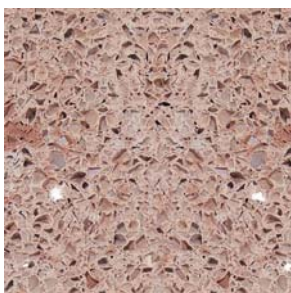
EBONY PEARL



STELLAR NEGRO



NEGRO ANUBIS



STELLAR ROJO



CREMA MINERVA

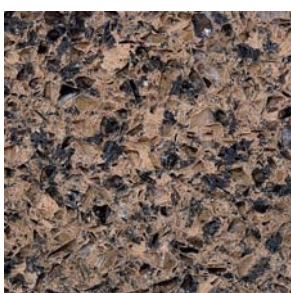
Note: Colours are for reference only. Please request samples for a more accurate colour match. Colours and specifications subject to change without notice.



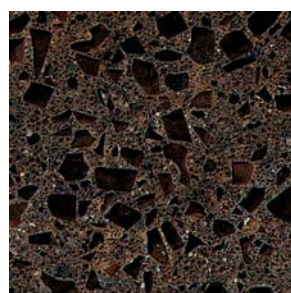
leather™
by COSENTINO



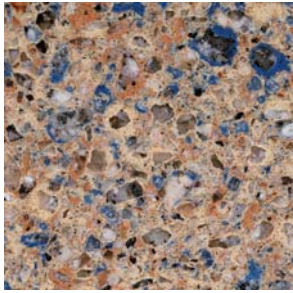
IVORY COAST



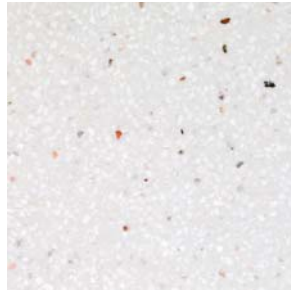
BRAZILIAN BROWN



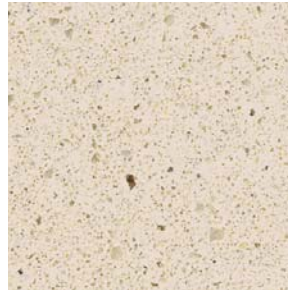
MARRÓN JUPITER



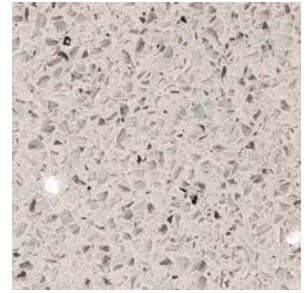
AZUL UGARIT



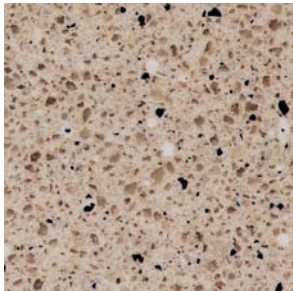
MONT BLANC



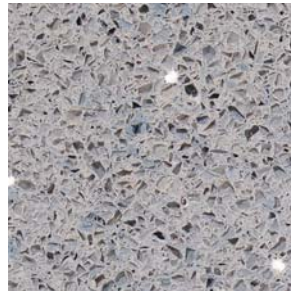
BLANCO CAPRI



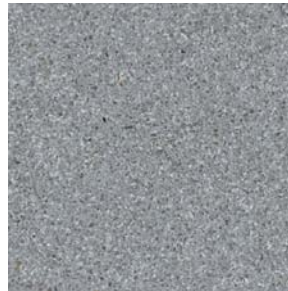
STELLAR BLANCO



PERLA DIANA



AZUL STELLAR



MOUNTAIN MIST

NEW
SILESTONE®



BLANCO DALI



NILE
Serie Rivers



AMAZON
Serie Rivers



YUKON
Serie Rivers



RHINE
Serie Rivers



TIGRIS SAND
Serie Rivers



Silestone® Antibacterial Protection



Greater hygiene for greater peace of mind



Places where food is prepared, such as kitchen worktops, are extremely prone to the formation of bacteria.

Silestone® worktops now contain Microban® antibacterial protection, which suppresses the growth of potential harmful bacteria such as salmonella, e-coli and listeria, bacteria that can contaminate food.

Although the Silestone® surface must always be thoroughly cleaned, Microban® gives it extra protection between each cleaning session, which ensures greater peace of mind.

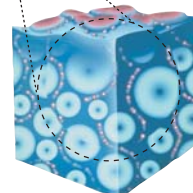
The antibacterial protection is added during the manufacturing process, meaning it is present in every quartz particle of each Silestone® top.

Silestone® is the first and only surface to have this in-built antibacterial protection, which together with its excellent physical and mechanical properties makes it the ideal product for places where a high standard of hygiene is required.

Tried and tested efficacy and safety

- ✓ The Microban® antibacterial protection is distributed evenly throughout all the material, including the surface.
- ✓ The active substances Microban® contains protect the whole surface. Even areas that are very difficult to reach, such as corners, are protected.
- ✓ Since the protection is incorporated into the product during the production process, it cannot be eliminated, even when the surface is used constantly. In this way, your Silestone® surface will remain protected during the whole of its useful life.
- ✓ When the bacteria come into contact with the surface, the Microban® active substances suppress their growth and development.

The Microban® protection is not a substitute for the routine cleaning of the Silestone® surfaces.

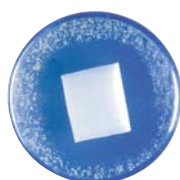


Antibacterial Test
Reference JIS2801

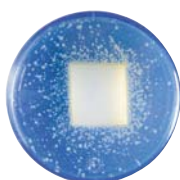
Constant protection

The samples shown below have been tested for the presence of bacteria. The sample on the left has been treated with Microban® antibacterial protection and the one on the right has not.

The bacteria quickly reproduce in the non-treated sample, whereas in the sample treated with Microban® antibacterial protection, the bacteria on the product and surrounding areas were reduced in number.



with microban



without microban

COMPARISON OF SURFACES

	SILESTONE	GRANITE	MARBLE
Shock resistance	STRONG	MEDIUM	LOW
Bending resistance	STRONG	MEDIUM	MEDIUM
Resistance to acids/oils	STRONG	MEDIUM	LOW
Colour resistance	STRONG	MEDIUM	MEDIUM
Resistance to scratching	STRONG	STRONG	LOW

TESTED PRODUCTS	GRADE OF INCIDENCE		
	6 HOURS	24 HOURS	8 HOURS
OLIVE OIL	NO	NO	NO
DISHWASHING	NO	NO	NO
BEER	NO	NO	NO
BATHROOM CLEANER	NO	NO	NO
COKE	NO	NO	NO
DISH- WASHING DETERGENT	NO	NO	NO
LEMON LIQUID	NO	NO	-
BLEACH	NO	NO	NO
ULTRA WASHING UP LIQUID	NO	NO	NO
LEMON FANTA	NO	NO	NO
ORANGE FANTA	NO	NO	NO
MILK	NO	NO	NO
WASHING UP LIQUID	NO	NO	NO
THE TWININGS OF LONDON	NO	NO	NO
WASHING FLOOR LIQUID	NO	NO	NO
HOUSEHOLD LIMESCALE REMOVER	NO	NO	NO
WINE VINEGAR	NO	NO	NO
ROSE WINE	NO	NO	NO
AJAX	NO	NO	NO
ORANGE JUICE	NO	NO	NO
COFFEE	NO	NO	NO
	1 HOUR	8 HOURS	
CLORHIDRIC ACID SOLUTION 50%	NO	NO	
DSODIC HIROXIDE SOLUTION 50%	NO	NO	



Silestone® Antibacterial Protection



i) ASTM – Tests Performed on Silestone® (Polished).

These test results have been provided by an independent third party. Parbury takes no responsibility for the accuracy of these results. Silestone meets the standards for Ceramic tile, ANSI A-137 and dimensional Granite, ASTM C-615. Silestone Carries the NSF® listing for Standard 51_Food Equipment Materials. In addition to those tests, important Silestone results include:

PROPERTIES	METHOD	RESULTS
Water Absorption	ASTM C97 avg. of 3	0.04%
Bond Strength	ASTM C482 avg. of 5	211 psi
Impact Strength	ASTM C256 avg. of 5	0.352 ft
Modulus of Rupture	ASTM C99 avg. of 5	6,200 psi
Stain Resistance	ASTM C650 avg. of 8	Removal of: HCl KOH
Qualitative		Complete >95%
Quantitative		0.4 0.5
Flexural Strength	ASTM C880 avg. of 5	5,620 psi
Thermal Shock	ASTM C484 avg. of 5	Passed 5 cycles
Compressive Strength	ASTM C170 avg. of 5	28,000 psi
Abrasive Index	ASTM C241 avg. of 3	62
Static Coefficient of Friction	ASTM C1028	1.06
Thermal Expansion	ASTM C531 avg. of 5	1.747×10^{-5} /in/in °F
Deicing	ASTM C672 avg. of 8	Passed (0 rating)
Freeze Thaw	ASTM C1026 avg. of 10	5 cycles - 0 tile 10 cycles - 0 tile 15 cycles - 1 tile (spalling)
Flame Spread	ASTM E 84	Class 1 (FS-25 or less)
MOH's Hardness	6.0 - 6.5	
Breaking Strength	ASTM C648 avg. of 6	485 lbf
Density	ASTM C373 avg. of 3	2.47 gr/cm ³

ii) Comparative Tests

Silestone Specifications	Standard NF-EN	Average Result (1)	Standard NF-EN	Average Result (2)	ASTM Standard	Average Result (3)
Friction Wear	22.183	Wear in mm = 2.5	P61505 102	160mm3		
Frost Resistance	22.184	Weight Loss% 0.01	P65.513 102	(no Change)		
Compression Strength	22.185	Compression 233.6 Mpa			ASTM C140	18982psi 130.9Mpa
Bend Strength	22.186	Bend Standard 49.68 Mpa	P61.503 100	40.7Nmm2		
Impact Resistant	22.189	Height of Break 125cm				
Thermal Change	22.197	Weight Change 0.043%	P61.507 104	(no Change)		
Water Absorption	22.182	Weight Change 0.04%	P61.502 99	Absorption Ratio 0.016%	ASTM C373	0.14%
Acid Resistance	22.198	Weight Change 0.01%	Cahier 1.905	(no Change)		
Thermal Expansion			P61.506	Lineal Expansion 25.10-6m/mOC		
Scuff Tough			P61.504 101	Solidity in Mohs 6		
Modules of Rupture					ASTM C99	6769.9psi 46.7 Mpa
Abrasive Wear Index					CAN/GG-75.1M88	182
Breaking Strength					ASTM C648	724.7 lbf
Density				ASTM C373	2.444kg	
Flexural Strength					ASTM C880	Dry 33.2 Mpa SD-2.87
Flexural Strength					ASTM C880	Wet 34.6 Mpa SD-2.03
Abrasion Resistance					ASTM C1353	Taber Index 184.39
Hardness			Mohs Scale 6	Minimum Value Obtained		

These test results have been provided by and independent third party. Parbury takes no responsibility for the accuracy of these results.

*N.B: Blanco Zeus will test slightly different from the above due to manufacturing variations.

Large surfaces with no joints

Silestone® is available in large slabs (3040 mm x 1380 mm long and in two different thicknesses: 20 and 30 mm*) which makes it possible to produce large sizes with very few joints.

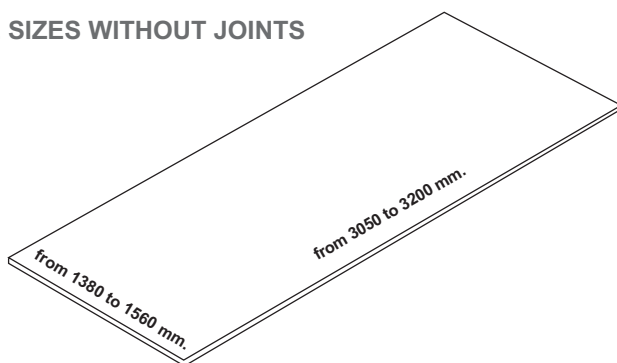
*Limited Colours available

We adapt to suit your needs

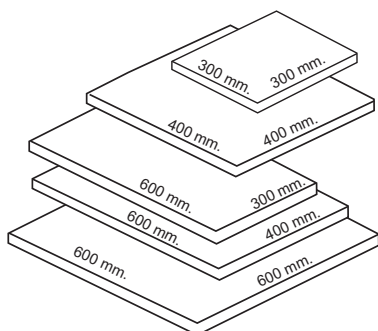
Silestone® can be adapted to special projects. If you wish to receive an estimate for a specific project, just send us the details. Please contact us, see details on the back of this catalogue.



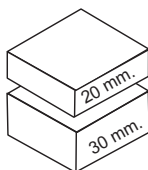
LARGE SIZES WITHOUT JOINTS



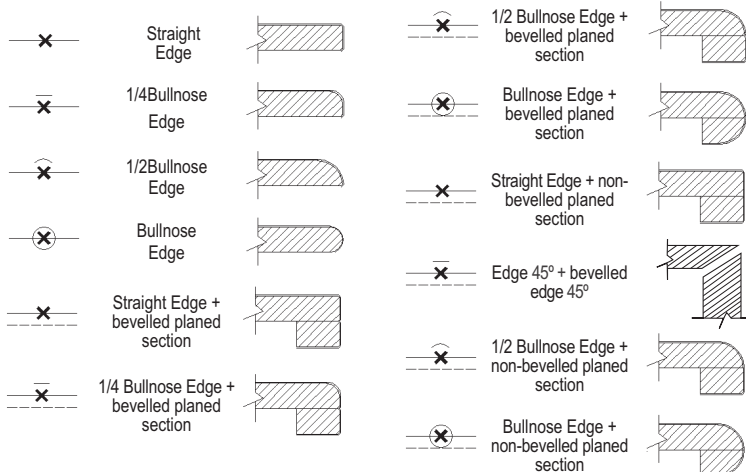
STANDARD TILES



THICKNESSES



TYPES OF EDGES



Standard tiles

Silestone® tiles are available in the following sizes: 300x300mm, 400x400mm, 600x300mm, 600x400mm, 600x600mm in 12mm thickness..

Requests for samples

If you wish to receive a sample of any particular type, please contact us.

Telephone Aust on 1300 361 313

Telephone NZ on 0800 657 774

website: www.parbury.com.au



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Phone Australia on: 1300 361 313
Phone NZ on: 0800 657 774

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Parbury Showroom & Office
Level 4, 460 Church Street
Parramatta NSW 2150

NEW SOUTH WALES

Parbury
166 Newton Road
Wetherill Park NSW 2164

QUEENSLAND

Parbury
853 Nudgee Road
Northgate QLD 4013

GOLD COAST

Parbury Showroom
32 Lawrence Drive
Nerang QLD 4211

VICTORIA

Parbury
3 International Court
Scoresby VIC 3179

TASMANIA

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90 Sunderland Street
Derwent Park TAS 7009

SOUTH AUSTRALIA

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Cheltenham Parade
Woodville SA 5011

WESTERN AUSTRALIA

Parbury
47 Belmont Avenue
Belmont WA 6104

TONNSVILLE

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Garbutt QLD 4814

NEW ZEALAND

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an  alesco company



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