

COSENTINO

Cosentino is a Spanish **company** 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, in accordance with the strictest design, innovation and environmental criteria.

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.

Due to demand, Cosentino UK have a dedicated Architectural Division to provide information and technical support for Architects, Interior Designers and other specifiers.

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 and Western Europe.

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

Look out for the Silestone[®] logo on our products! This is the only guarantee that you are receiving Silestone[®] Quartz, with all the excellence and quality assurance that you can expect from us.

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[®], with its sophisticated appearance and colour consistency, is a unique product that encompasses the qualities you would expect from natural stone with all the additional benefits that only a world leading quartz manufacturer can provide.

94% of Silestone[®] is natural quartz which is one of the most resistant and attractive natural elements that exist. Silestone[®] makes it possible to create anything from beautiful kitchen worktops through to the most innovative commercial projects.

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, formed by seven new colours, 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® with antibacterial properties. Important investment in research and development has permitted us to generate an innovative product that makes Silestone® such a hygienic worktop solution.

A P P L I C A T I O N S

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

BAR COUNTER RAILS

HOSPITALS

RESTAURANT KITCHENS

FLOORS

HOTEL RECEPTIONS

HALLS

STORES

AIRPORTS

LEISURE CENTRES

MUSEUMS

AUDITORIUMS

HOTELS

KITCHEN AND BATHROOM APPLICATIONS

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, along with a shine, sparkle and uniqueness that can only be found in certain natural stone.

Resistant to Scratching

Quartz ranks 7th in the Mohs hardness scale (diamond is ranked 10th). Consequently, while care must be taken when using sharp knives on other kitchen tops such as granite or melamine, Silestone[®] is very resistant to scratching, and no marks will appear.

Silestone[®] is highly resistant to scratching, but should not be subjected to extreme rough treatment.

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.

Colour

Silestone[®] is available in more than 50 different colours, which ensures that there is always a Silestone[®] colour to blend in with any style or design. Cosentino continues to increase the Silestone[®] colour range year after year.

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.

Shock-resistant

Silestone[®] has great shock resistance, in most cases considerably higher than that of other products used for similar applications (granite, solid surfaces, etc).

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

No surface is indestructible so please take care not to place pans directly from heat onto a worktop.

®

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 clean,

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 make it the ideal product for places where a high standard of hygiene is required.

Tried and tested efficiency and safety

The Microban[®] antibacterial protection is distributed evenly throughout all the material, including the surface.

The active substances Microban[®] contain 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 bacteria comes into contact with the surface, the Microban[®] active substances suppress it's growth and development.

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

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.

with microban without microban

COMPARISON OF SURFACES

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

MECHANICAL RESISTANCE

	SERIE MYTHOLOGY	SERIE MESOPOTAMIA	GRANITO BLANCO CRISTAL	GRANITO SILVESTRE	TRAVERTINO ROMANO	BLANCO MACAEL
Impact resistance	125	130	64	50	30	47
Resistance to The	40,7	34,3	14,5	13,8	13,5	
Strength resistance	233,6	212	145	170	109,1	82,4

GRADE OF INCIDENCE	TESTED PRODUCTS		
	6 HOURS	8 HOURS	24 HOURS
OLIVE OIL	NO	NO	NO
CALGONIT	NO	NO	NO
BEER	NO	NO	NO
CIF CREAM	NO	NO	NO
COKE	NO	NO	NO
CORAL	NO	NO	NO
LEMON LIQUID	NO	NO	-
BLEACH	NO	NO	NO
FAIRY ULTRA	NO	NO	NO
LEMON FANTA	NO	NO	NO
ORANGE FANTA	NO	NO	NO
MILK	NO	NO	NO
FAIRY	NO	NO	NO
THE TWININGS OF LONDON	NO	NO	NO
TENN	NO	NO	NO
VIAKAL	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 HIDROXIDE		
SOLUTION 50%	NO	NO

SURFACES COMPARATIVE

SILESTONE	SOLID SURFACES
POLYESTER RESINE	ACRILIC RESINE
7 % RESINE	30 - 70 % RESINE
HIGH SCRATCH RESISTANCE	LOW SCRATCH RESISTANCE
LOW POROSITY	LOW POROSITY
NO NEED TO BE REPOLISHED	NEED TO BE REPOLISHED

Large surfaces with no joints

Silestone® is available in large slabs (304cm x 138cm long and in three different thicknesses: 1.2, 2 and 3 cm) which makes it possible to produce large sizes with very few joints.

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: 30x30 cm, 60x40 cm, and 60x60 cm, with thicknesses of 1.2 and 2 cm.

Other sizes cut to requirements are available on request.

Requests for samples

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

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