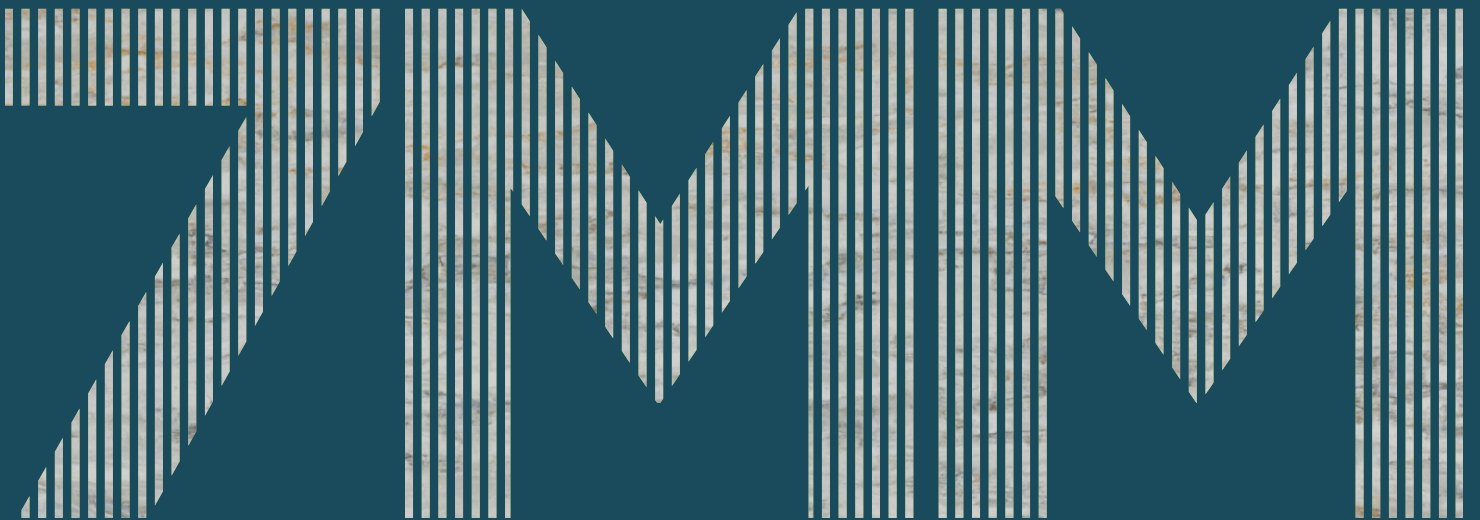


SURFALITE™

SUPER THIN SURFACES



COLLECTION





## What is Surfalite®?

Surfalite® is an advanced surface series consisting of slabs 330 x 165 x 0.7cm, created thanks to Santamargherita's long experience and particular attention to research and development. Surfalite® has features never seen before in such a thin material, including outstanding weight performance, as shown by the following comparison:

Slab Type	Thickness	Weight
Standard	3 cm	78-80 kg/sqm
Standard	2 cm	48-54 kg/sqm
Standard	1.2 cm	32 kg/sqm
<b>Surfalite</b>	<b>7 mm</b>	<b>17 kg/sqm</b>

Thanks to its properties, Surfalite® can be used in multiple applications, revolutionizing the creative possibilities of interior design: Surfalite® maintains the same technical features that has made engineered stone famous and well spread all over the world:

<b>Water Absorption</b>	< 0.10%
<b>Moh Hardness</b>	Up to 7 Mohs
<b>Density</b>	2300-2350 kg/m <sup>3</sup>
<b>Scratch Resistance</b>	120-180 mm
<b>Chemical Resistance</b>	cl. C4

# Characteristics

The 7MM of Surfalite® allows for revolutionary design solutions in new sectors, thanks to its characteristics.



## 7MM OF EASINESS

Cladding, coverings, surfaces: Surfalite® slabs are suitable for many different design applications. Its lightness and thinness enable it to be easily applied on already existing surfaces, without the need to replace them. Surfalite® is the real answer for the realization of certain spaces, such as bathrooms and kitchens in wider residential buildings.



## 7MM OF RESISTANCE

Surfalite® is above all a guarantee of quality; the surface preserves engineered stone's typical properties, being resistant to scratching, easy to maintain and made to last. Surfalite® turns out to be particularly suitable for the furniture in public buildings, HoReCa and special residential projects.



## 7MM OF ELEGANCE

Surfalite® gives elegance to the surrounding environment and allows for the creation of sophisticated solutions for both public and private spaces. This advanced surface offers a range of colors and textures that can be easily combined with one another and are available in two different finishes.



## 7MM OF INNOVATION

Surfalite® is extremely innovative: no other product can compete with its characteristics. It is the result of Santamargherita's extensive research in the worlds of architecture and design.



## 7MM OF LIGHTNESS

The lightness of Surfalite® slabs allows it to cover surfaces which, until now, could not be clad with such materials as 2 and 3 cm engineered surfaces. Surfalite® especially addresses the interior decoration and furniture sectors, which are very sensitive to the marriage between luxurious finishes and lightness of material.



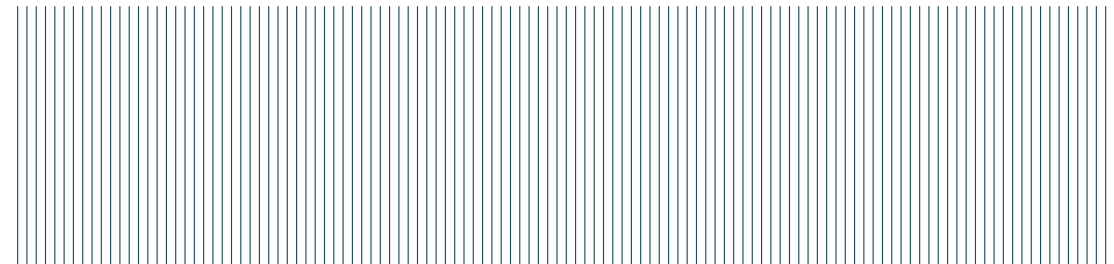
## 7MM OF VERSATILITY

The minimum thickness of Surfalite® slabs, in addition to their wide size (330 x 165 cm), allows one to create their own style of fittings which can cover every kind of surface, providing sophistication anywhere. Surfalite® comes from Santamargherita's history of developing revolutionary products ready to be molded by the creative mind of designers.



## 7MM OF PRACTICALITY

Due to the reduction of the slab's weight, Surfalite® has considerable logistic advantages. The simplification of material handling results in a sensible lowering of costs. Surfalite® allows one to save money and time when renovating kitchens and vanity tops, without sacrificing on the benefits of agglomerated stone.





# Applications

## COUNTERTOPS



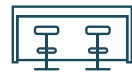
Kitchen  
Countertops



Kitchen  
Backsplashes



Kitchen  
Hood Wraps



Kitchen  
Islands



Bathroom  
Vanities



Integrated  
Sinks



Commercial  
Bathrooms

## CUSTOM APPLICATIONS



Private  
Planes



Rail  
Cars



Recreational Vehicle  
(RV) Interiors



Boat/Yacht  
Interiors



Retail Display  
Stands



Public Work Space  
Build Out



Office  
Spaces



Elevator  
Walls/Flooring



Desks



Tables

## WALL CLADDING



Interior



Shower  
Walls



Bathtub  
Surround



Wainscot

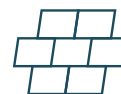


Television  
Niches



Accent  
Walls

## FLOORING



Indoor  
Areas



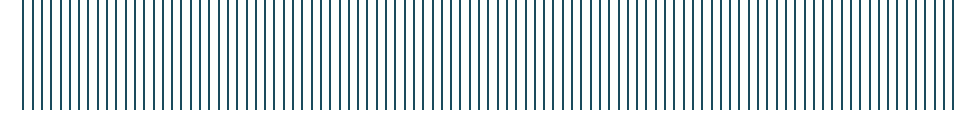
Stairs



# LIFESTYLE



# Colors



First Snow

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



Frozen Tundra

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



Sandy Wisp

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



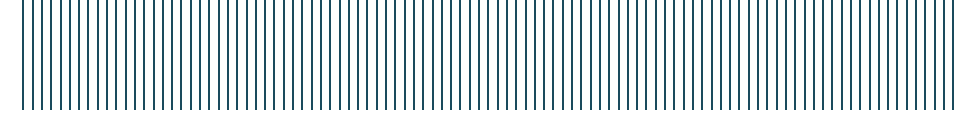
Sand Dunes

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes





# Colors



Heaven White

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



Vittoria White

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



Lyskamm

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes

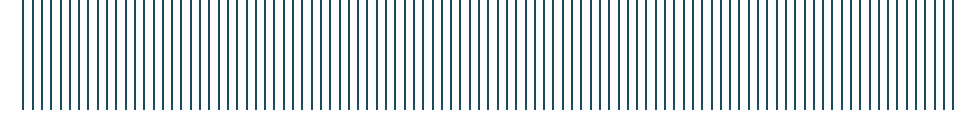


White Feather

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



# Colors



Istria

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



Carnia

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



Caledonia

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes

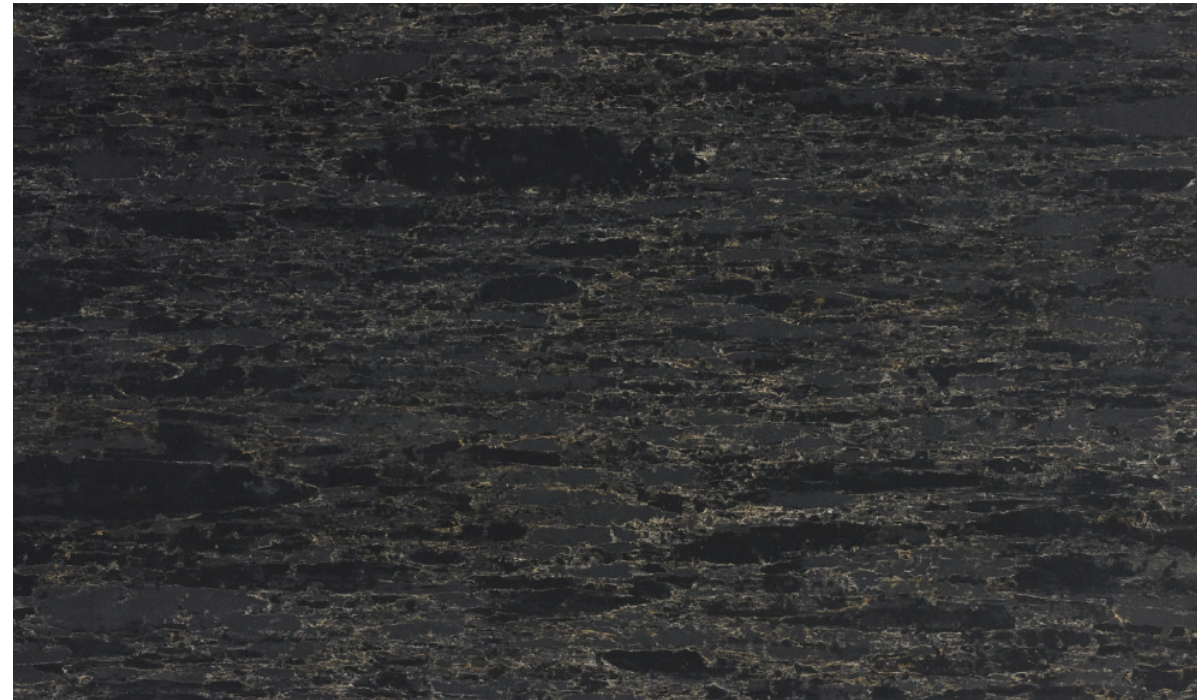
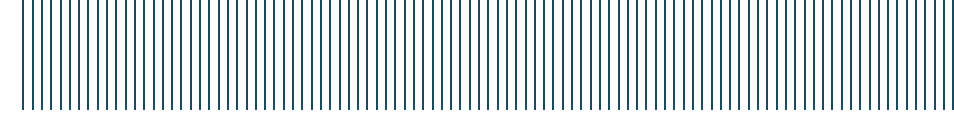


Nero

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



# Colors



Black Nimbus

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



Aurum Strand

Thickness: 7mm | Size: 165cm x 330cm | 65" x 130"  
Available in Polished & Silk Finishes



# Care & Maintenance



## POST-FABRICATION CLEANING

Once the slabs have been fabricated, remove any residue with water and a clean cloth. Thoroughly dry the surface. Deep clean the surface by spraying an acidic or slightly alkaline pH detergent specifically designed for resin bonded engineered stones, and consistently spread it with a nonabrasive sponge. Allow the detergent to work for 5 minutes, then thoroughly rinse with water until the detergent has been completely removed. Remove the excess water with a cloth and allow to dry. If the surface is dull or shows dull areas after this process, rinse again and allow to dry. If the surface still shows dirt or dull areas, repeat the whole deep cleaning process.



## PROTECTIVE TREATMENTS

Surfalite® surfaces, both in polished and silk finish are acid and scratch resistant with virtually no absorption of liquids. All Surfalite® slabs leave the factory without any kind of protective surface treatment. While no protective treatment is recommended for polished surfaces, due to greater surface roughness, silk finish surfaces can be treated with products specifically for resin bonded engineered stone, which protect it against oily and aqueous stains and make cleaning easier. Neutral protective treatments are available on the market, which leave the original color unaltered, as well as toners that enhance it. If the counter is intended for contact with food, we recommend using suitable treatments.



## CLEANING AFTER INSTALLATION

During the installation mask the joints and ensure that the silicone will not drip or flow out of the joints onto the surface. Only use a neutral silicone to install the countertop. Remove the excess hardened silicone with a new razor blade, being careful not to scratch the surface. After all assembly operations have been completed, clean the counter thoroughly with a neutral or slightly acidic detergent specifically for resin bonded engineered stones.



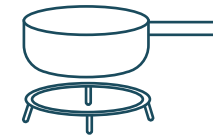
## CLEANING DIFFICULT STAINS

Surfalite® countertops are highly resistant to staining. However, cleaning difficult stains may require special action, especially if these stains are not removed promptly. Deep clean the surface by spraying an acidic or slightly alkaline pH detergent specifically designed for deep cleaning resin bonded, engineered stone countertops, and consistently spread it with a non-abrasive cloth (such as 3M Scotch-Brite). Allow the detergent to work for 5 minutes, then thoroughly rinse with water until the detergent has been completely removed. Remove the excess water with a cloth and dry. Should the stain not be completely removed, repeat the whole process. If the counter has been treated with a protective enhancer, any thorough cleaning may have removed the treatment as well, highlighting a lighter area especially on dark surfaces. To make the color of the surface even again, the toner should be applied again, if necessary, after removing the old treatment from the entire counter.



## DAILY CLEANING

The daily cleaning of Surfalite® surfaces is done using a damp cloth or paper towel and, if needed, a small quantity of neutral or slightly acidic pH detergent specifically designed for the daily cleaning of resin bonded engineered stone surfaces. Spread the detergent on the surface and let it work for some seconds, rinse with a cloth or water, then carefully dry the surface. Compared to polished surfaces, honed or textured surfaces tend to get dirty more easily and therefore, if limescale deposits, fingerprints, metallic marks, or other types of stains are present, more thorough cleaning may be required.



## PREVENTING DAMAGES CAUSED BY THERMAL SHOCK OR IMPACT

Surfalite® surfaces are heat resistant and can withstand a limited exposure to pots, pans or dishes at normal cooking temperature without visible damages. Although Surfalite® surfaces show higher heat resistance than any other stone countertop, they can be damaged by sudden and extreme thermal shocks. We recommend the use of trivets to avoid continued exposure of Surfalite® surfaces to sources of heat. Surfalite® surfaces are highly scratch resistant, but are not scratch proof. We recommend the use of cutting boards when cutting and preparing food.



## CHEMICALS TO BE AVOIDED

Avoid exposing Surfalite® to chemicals and solvents, especially paint removers, that might contain trichloroethane and methylene chloride. Keep solvents, acetone, alcohol, thinners, detergents containing bleach, laundry bluing, highly alkaline liquids such as bleach, caustic soda or oven cleaners, acids, oily soaps, descalers, markers or ink, abrasive and micro-abrasive detergents away from the surface. Should any of the above listed liquids drip on the advanced surface, remove it immediately and thoroughly rinse with water. Even though an occasion exposure to alkaline products does not damage Surfalite® surfaces, highly alkaline detergents (high pH) are not recommended for daily cleaning. The use of highly alkaline detergents may damage the surface of the material.

It is recommended to use only a neutral silicone to install the countertop.

# Technical Data

Product: Surfalite Series

Composition: 10 - 17 % Resin/83 - 90 % Blend of selected minerals

Surface finish: Polished, Silk

Slab size (cm): 330x165

Slab thickness\* (cm): 0.7

PROPERTY	NORMATIVE	VALUE	NOTE
Apparent Density	EN 14617-1	1950 - 2450 Kg/m <sup>3</sup>	---
Water Absorption	EN 14617-1	≤ 0,10 %	---
Flexural Strength	EN 14617-2	> 40 MPa	---
Abrasion Resistance	EN 14617-4	27 - 31 mm	---
Frost Resistance	EN 14617-5	KM <sub>125</sub> 0,9 - 1,2	---
Thermal Shock Resistance	EN 14617-6	Δm% ≤ 0,07 %	Test temperature: 70°C
		ΔR <sub>125</sub> ≤ 20 %	
Impact Resistance	EN 14617-9	1 - 5 J	---
Chemical Resistance	EN 14617-10	C4	---
Coefficient of Linear Thermal Expansion	EN 14617-11	25 - 65 x 10 <sup>-6</sup> °C <sup>-1</sup>	---
Electric Resistivity	EN 14617-13	ρ <sub>s</sub> ≥ 10 <sup>10</sup> Ω	Referring to the surface
		ρ <sub>v</sub> ≥ 10 <sup>8</sup> Ω m	Referring to the volume
Compressive Strength	EN 14617-15	150 - 250 MPa	---
Thermal Conductivity	EN 12524	1,3 W/(m K)	From tabulated values
Slip Resistance	EN 14231	≥ 35 (Dry)	---
		≥ 3 (Wet)	
Slip Resistance	DIN 51130	R9	For Smooth H9





**santamargherita**  
THE ORIGINAL ITALIAN SURFACE

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