

STOLANIC
ITALIAN SURFACES

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Hi tech sintered surfaces

Stolanic slabs are made from mixtures of inert materials selected for their purity and fusibility. The production technology accelerates the process of particle transformation that over periods of many thousands of years results in the creation of natural stone. The raw materials are compacted to a high density (450 kg/cm²) then fired at a temperature of more than 1200°C to complete the sintering process and give the slabs an extremely high level of durability and performance regardless of their intended use.

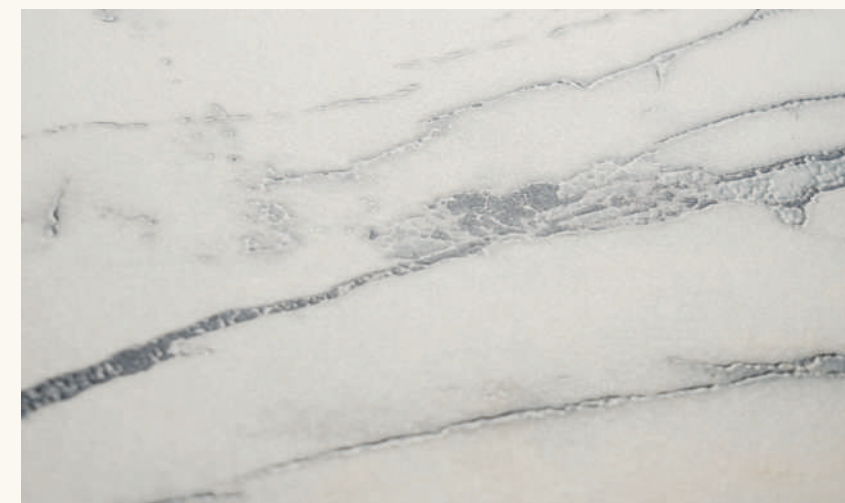


Technical Innovation

FULLVEIN3D

ceramic enters the third dimension

FULLVEIN3D is the latest-generation technology for creating marble-effect veins that extend throughout the thickness of the slabs, just like in the natural material. Stolanic uses a unique, cutting-edge system in which the controlled deposition of raw materials prior to pressing reproduces the visual effect created by the forces of nature over millions of years. Seamless continuity between the body and the surface is also guaranteed by the high-resolution digital decoration process, which helps to create an even more realistic product.



Soft 3D

The **SOFT3D** technology allows to create slabs with an extra smooth finish, enriched with bas-relief effects that enhance the naturalness of the surface. The different density of the raw materials applied in the selected areas, chemically recreates the depths that exactly match the high-resolution digital graphic.



Kitchen

Stolanic slabs are a smart solution for creating kitchen worktops: they are resistant to hits, scratches and thermal shocks. They are also resistant to chemicals and easy to clean.

Stolanic slabs are **NSF** (National Sanitation Foundation- Food Equipment Materials) certified and therefore suitable for use in direct contact with food and food moisture. Specifically, this American certification identifies Stolanic Slabs products as “solid surface for food zone”.



Bathroom

Stolanic slabs also perform very well in a bathroom environment.

Every furnishing item, such as washbasins, countertops and even shower trays, can be tailor-made with careful attention to detail, enhancing the beauty and quality of the surfaces.





Stolanic sintered slabs, waterproof and non-porous, are highly hygienic and do not suffer from deterioration. The high resistance to scratches and stains allows a vast use of the product as furnishing surface, while the inalterability to high and low temperatures and to prolonged weather exposure, allows the application in different environments. Reliability and quality are also concretely shown by the special Stolanic warranty lasting 25 years.

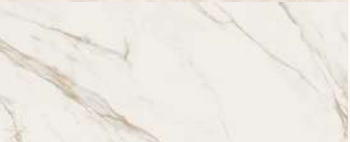
Collection

Marble



TRAVERTINO
12 mm nat
20 mm nat

TAJ MAHAL
12 mm soft
20 mm soft



CALACATTA ORO
12 mm soft / lux
20 mm soft / lux



VIOLA
12 mm soft / lux
20 mm soft / lux

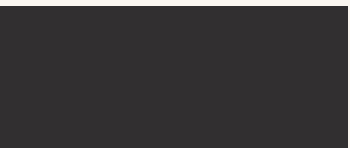


CHAMPAGNE VEIN
12 mm soft3D
20 mm soft3D



MARQUINA GOLD
12 mm soft
20 mm soft

Solid



ABSOLUTE BLACK
12 mm bocc.
20 mm bocc.

FullVein3D



CALACATTA PRESTIGE
20 mm FULLVEIN3D

ROYAL DAINO
20 mm FULLVEIN3D

Stone



BIANCO LUNA
12 mm bocc.
20 mm bocc.

Concrete



CAPRI
12 mm nat
20 mm nat

1635x3230 mm / 64.67"x127.1" NON RETTIFICATO / NOT RECTIFIED

Bianco Luna

Stone

Finishing

Bocciardato

Thickness

12 mm

20 mm

Format

64.67"x127.1"



Viola

Marble

Finishing

Soft / Lux

Thickness

12 mm

20 mm

Format

64.67"x127.1"



Taj Mahal

Marble

Finishing

Soft

Thickness

12 mm

20 mm

Format

64.67"x127.1"

1635x3230 mm / 64.67"x127.1" NON RETTIFICATO / NOT RECTIFIED



Calacatta Oro

Marble

Finishing

Soft / Lux

Thickness

12 mm

20 mm

Format

64.67"x127.1"



1635x3230 mm / 64.67"x127.1" NON RETTIFICATO / NOT RECTIFIED

Travertino

Stone

Finishing

Natural

Thickness

12 mm
20 mm

Format

64.67"x127.1"



Champagne Vein

Marble

Finishing

Soft3D

Thickness

12 mm
20 mm

Format

64.67"x127.1"



Marquina Gold

Marble

Finishing

Soft

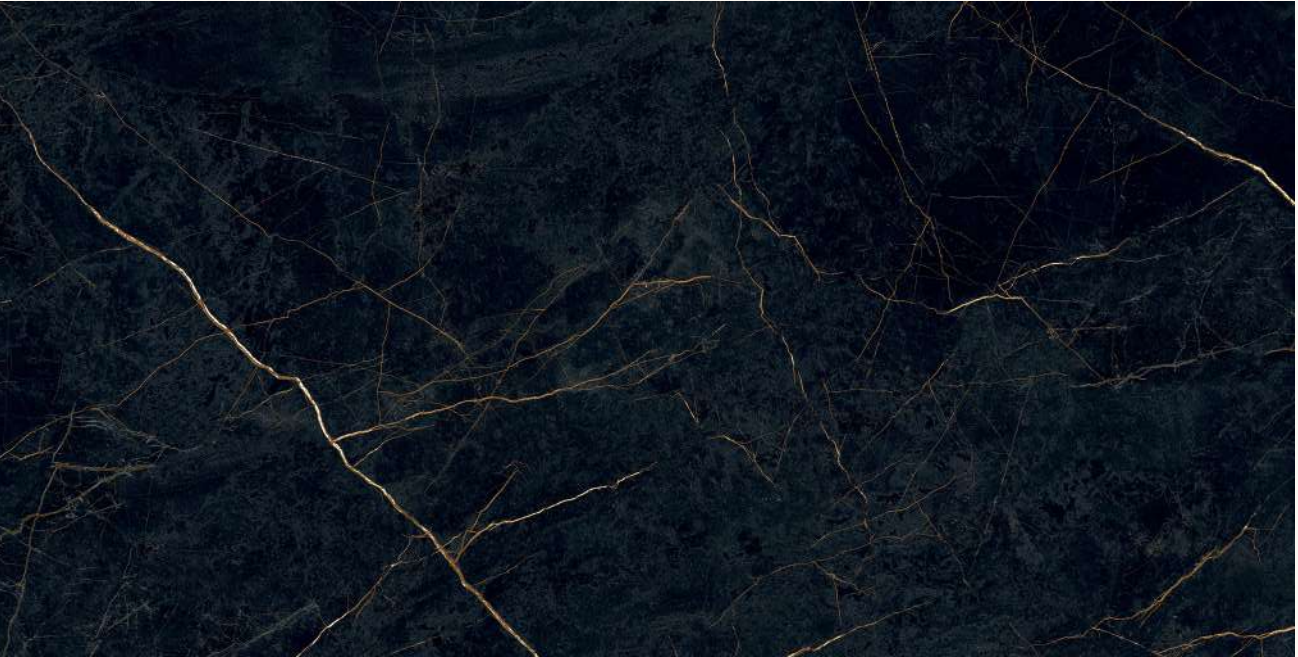
Thickness

12 mm
20 mm

Format

64.67"x127.1"

1635x3230 mm / 64.67"x127.1" NON RETTIFICATO / NOT RECTIFIED



Absolute Black

Solid Colour

Finishing

Bocciardato

Thickness

12 mm
20 mm

Format

64.67"x127.1"





Capri

Concrete

Finishing

Natural

Thickness

12 mm

20 mm

Format

64.67"x127.1"

1635x3230 mm / 64.67"x127.1" NON RETTIFICATO / NOT RECTIFIED



1635x3230 mm / 64.67"x127.1" NON RETTIFICATO / NOT RECTIFIED

Calacatta Prestige
FullVein3D

Marble

Finishing

FullVein 3D

Thickness

20 mm

Format

64.67"x127.1"



Royal Daino
FullVein3D

Marble

Finishing

FullVein 3D

Thickness

20 mm

Format

64.67"x127.1"



Technical Characteristics

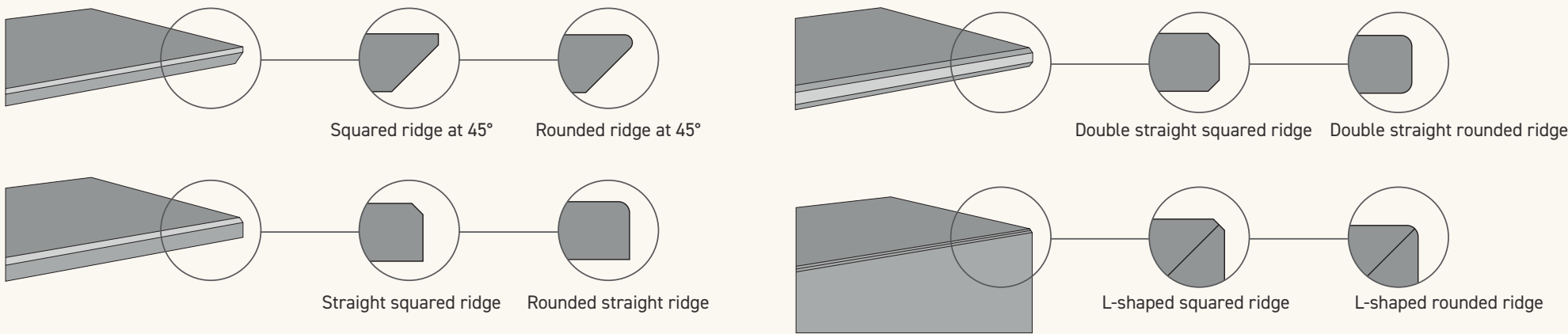


Technical Characteristics

TECHNICAL CHARACTERISTICS	STANDARD	DESCRIPTION OF TEST METHOD	TEST RESULTS
Breaking strength in n (thk 7,5 mm: 1300 N thk. < 7,5 mm: 700 N)	ISO 10545-4	Application of a load to the midline of the panel until breakage is obtained	Average value 12 mm: 12000 N Average value 20 mm: 20000 N
Flexural strenght test (35 N/mm2)			Average value 12 mm 47 N/mm2 Average value 20 mm 50 N/mm2
Fire reaction	UNI EN 13501-1	Floor radiant panel test UNI EN ISO 9293-1	Classe A1ft+A1 compliant
Impact resistance	UNI EN ISO 14617-9	Resistance to dropping a 1 kg steel ball on a sample placed on a bed of sand	Compliant
Coefficient of return	UNI EN ISO 10545-5	Measurement of 28 g steel ball rebound height	Compliant
Volatile organic compound emission tests	UNI EN ISO 16000-9	28 days length-test	Compliant
Compression strength	ASTM C170M-16	Breaking load on 12x12x12 mm samples	Compliant
Static load for raised floors	UNI EN ISO 12825	Application of increasing load until sample until breakage is obtained	none compliant
Cadmium and lead release in mg/dm2	ISO 10545-15	Request for GL surfaces for work tops	Compliant
Resistance to damp heat	UNI EN 12721:2013	55° to 100° cycles	Compliant
Resistance to dry heat	UNI EN 12722:2013	55° to z 100° cycles	No visible change
Resistance to cold liquids	UNI EN 12720:2013	Period of contact 10s to 24 h	Compliant (Natural +Soft Surface)
Tendency to retain dirt	UNI 9300:2015	Carbon black staining agent	Compliant
Scratch resistance	UNI EN 15186:2012	Load > 10N	Based on the colour: Available on request
Fungi resistance	met.B ASTM G 21-15	Contact for 28 days with a variety of fungal strains	
Lrv valore di riflessione della luce light reflectance value lrv	In-house test method	Illuminant D65 /Illuminant / Spectrophotometer at 10°	
Colours' resistance to fading	DIN 51094	Evaluation of the color changes following a 28 day exposure to ultra violet light	Compliant
TECHNICAL CHARACTERISTICS	NORMA STANDARD	STANDARD REQUIREMENTS	TEST RESULTS
		(%) (mm)	
Admitted deviation, in %, of the average thickness of each tile from the production dimensions	ISO 10545-2	± 5%	± 5%
Flatness (curving in the middle, corner and warping)	ISO 10545-2	±0,5% ±2 mm	±0,5% mm
Surface quality	ISO 10545-2	At least 95% of the tiles must be free from visible flaws.	Compliant
% Water absorption	ISO 10545-3	< 0,5%	< 0,5%
Resistance to deep abrasion of unglazed tiles	ISO 10545-6	<175 mm3	Compliant
Thermal shocks resistant	ISO 10545-9	available testing method	Compliant
Resistance to staining	ISO 10545-14	see manufacturer's certificate	Classe 5 (Nat + Soft) Classe 3-4 (Lux)
Resistance to low concentrations of acids and alkalis	ISO 10545-13	see manufacturer's certificate	ULA-ULB (Nat + Soft) UB (Lux)
Resistance to domestic chemical products and additives for swimming pools		MIN B	UA
Frost resistance	ISO 10545-12	required	Compliant

Edges

The Stolanic slabs, thanks to the color matching of the thickness with the surface, can be processed on the sides in different ways in order to obtain several finishes. These procedures are achieved through machines often used for glass and natural stone, they provide flawless results and infinite furnishing solutions for both bathroom and kitchen spaces.

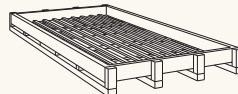
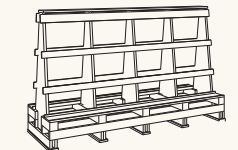
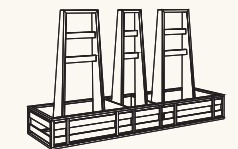
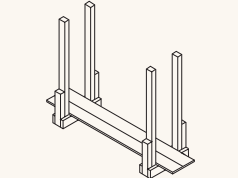


Comparisons

Sintered slabs are a smart and safe choice for kitchen worktops. They have outstanding qualities and meet the most common parameters of durability and resistance used to evaluate materials in general.

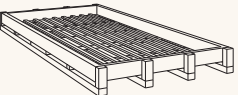
	NAT / SOFT / SOFT3D	LUX	Quartz agglomerates	Laminates and Wood	Solid surface	Natural Stones	Steel
Hygienc	• • •	• • •	• • •	•	• • •	•	• • •
Non porous	• • •	• • •	• • •	•	• • •	•	• • •
Suitable for use outdoors	• • •	• • •	•	•	• •	• •	• •
Resistant to heat and high temperatures	• • •	• • •	• •	•	•	• •	• • •
Resistant to mould, mildew, and fungus	• • •	• • •	• • •	• •	• • •	•	• • •
Stainproof	• • •	• •	• •	• •	• •	•	• • •
Detergent-resistant	• • •	• •	• •	• •	•	•	•
Chemical resistance	• • •	• •	• •	•	• •	•	• •
Resistance to thermal shock	• • •	• • •	• •	•	• •	• • •	• • •
Frost resistance	• • •	• • •	• • •	•	•	• •	• • •
Dampness resistance	• • •	• • •	• • •	•	• • •	•	• • •
UV-resistant	• • •	• • •	•	•	•	• •	• • •
Scratchproof and abrasion-resistant	• • •	• •	•	•	•	• •	•
Easy to clean	• • •	• • •	• • •	• •	• •	•	•

Packaging

	Nominal size	F. Work size	Thickness	Type of packing	Slabs/Packing	Sqm total	Kg/slab	Kg/Packing	Kg total
	1635x3230 mm	1635x3230 mm	12 mm	Crate	9	46,08	151	139	1.480
	1635x3230 mm	1635x3230 mm	20 mm	Crate	5	25,60	251	139	1.369
	1635x3230 mm	1635x3230 mm	12 mm	Container Rack pallet wood A - frame	22 *18	112,64 92,16	151	180	3.458 2.862
	1635x3230 mm	1635x3230 mm	20 mm	Container Rack pallet wood A - frame	12 *10	61,44 51,20	251	180	3.132 2.640
	1635x3230 mm	1635x3230 mm	12 mm	Container Rack pallet metal A - frame	22 *18	112,64 92,16	151	180	3.458 2.862
	1635x3230 mm	1635x3230 mm	20 mm	Container Rack pallet metal A - frame	12 *10	61,44 51,20	251	180	3.132 2.640
	1635x3230 mm	1635x3230 mm	12 mm	Bundle	18	92,16	151	60	2.742
	1635x3230 mm	1635x3230 mm	20 mm	Bundle	12	61,44	251	60	3.012

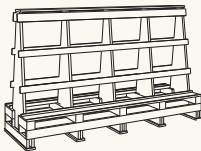
* A Frame for container loading contains 18 slabs in 12 mm thickness and not 22, 10 slabs in 20 mm thickness and not 12.

Crate
Stackable



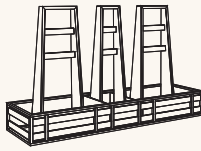
Size 174x345x27,5

Container Rack pallet wood A - frame
Not stackable



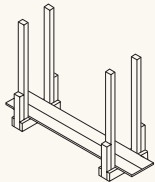
Size 75x330x201

Container Rack pallet metal A - frame
Not stackable



Size 75x330x201

Bundle
Not stackable



Size 54x330x223

	Slab thickness	Packaging quantity	Slabs total	Sqm total	Kg/slab	Kg/Packing	Kg total
CONTAINER 20"	12 mm	nr. 3 container rack pallet wood A - frame	54	276,48	151	540	8.694
		nr. 5 crates	45	230,40	151	834	7.629
		8 bundles	144	737,28	151	480	22.224
	20 mm	nr. 3 container rack pallet wood A - frame	30	153,60	251	540	8.070
		nr. 5 crates	25	128,00	251	695	6.970
		8 bundles	96	491,52	251	480	24.576
CONTAINER 40"	12 mm	nr. 9 container rack pallet wood A - frame	162	829,44	151	1.440	25.902
		nr. 15 crates	135	691,20	151	2.502	22.887
	20 mm	nr. 9 container rack pallet wood A - frame	90	460,80	251	1.620	24.210
		nr. 15 crates	75	384,00	251	2.085	20.910
TRUCK	12 mm	nr. 8 container rack pallet wood A - frame	176	901,12	151	1.440	28.016
		nr. 12 crates	108	552,96	151	1.668	17.976
	20 mm	nr. 9 container rack pallet wood A - frame	108	552,96	251	1.620	28.728
		nr. 12 crates	60	307,20	251	1.688	16.728

GRAPHIC CHARACTERISTICS

FULLVEIN3D

As with natural marble, FULLVEIN3D slabs may exhibit slight misalignments between the surface graphics and the vein pattern extending through the thickness of the material. This feature is an inherent characteristic of the product.

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STOLANIC USA INC.
Property of Brand Cooking Surface Prime

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