



**Siam Quartz** Company Ltd.

[www.siamquartz.com](http://www.siamquartz.com)



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Siam Quartz is a leading manufacturer and exporter of high-quality quartz surfaces, specializing in Slabs, Countertops and other fabricated surfaces. With our state-of-the-art factory located in the Chonburi District of Thailand, we have established ourselves as a reliable and trusted supplier in both the USA and European markets.

Our factory in the Chonburi District boasts two production lines, equipped with the latest machinery and technology. With a production capacity of up to 150 containers per month, we ensure timely delivery of orders without compromising on quality. The factory covers an expansive area of 21,000 square meters, providing ample space for manufacturing and storage.



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## About Us

With a focus on precision, durability, and aesthetic appeal, our products have gained popularity among architects, designers, contractors, and homeowners alike. We adhere to strict quality control measures throughout the manufacturing process, ensuring that our customers receive products that surpass their expectations.

With a commitment to sustainability and ethical business practices, we aim to contribute positively to the industry and the communities we serve.

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# Infrastructure









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# Calacatta Series





Calacatta Derived from a Greek word that means “to sparkle, flash, and gleam,” Our quartz surfaces are undoubtedly among the most luxurious materials in the world.



Scratch Resistant



Stain Resistant



Heat Resistant



Easy Maintenance



Crack Resistant



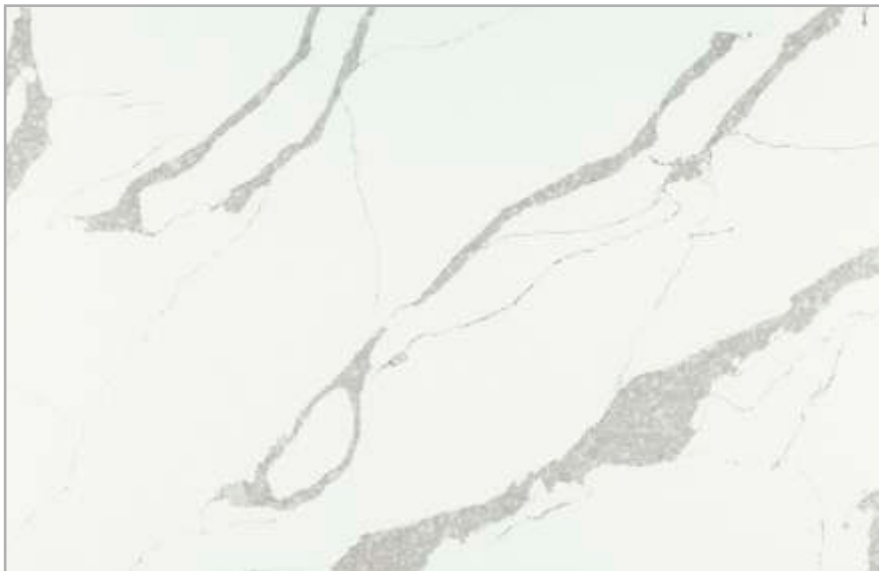
Color Consistency



CAL 001



CAL 002

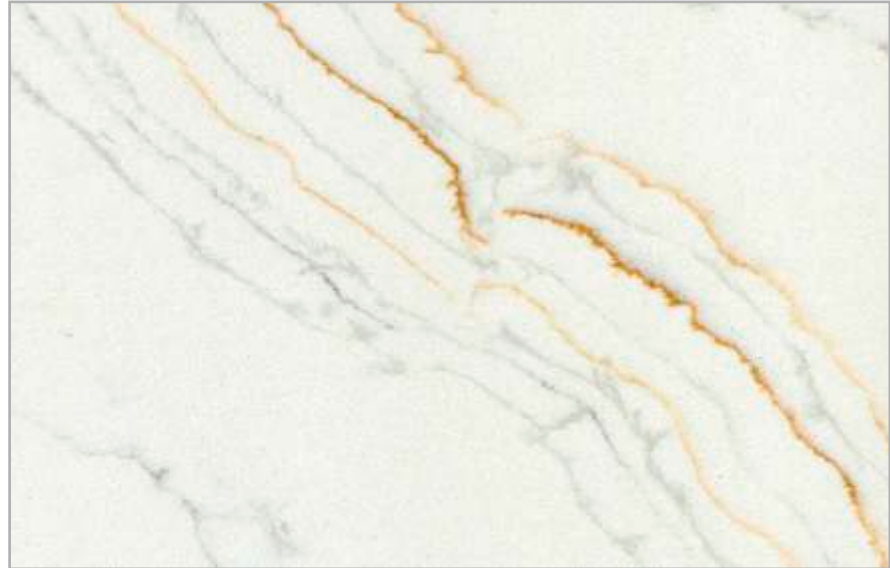


CAL 003



CAL 004





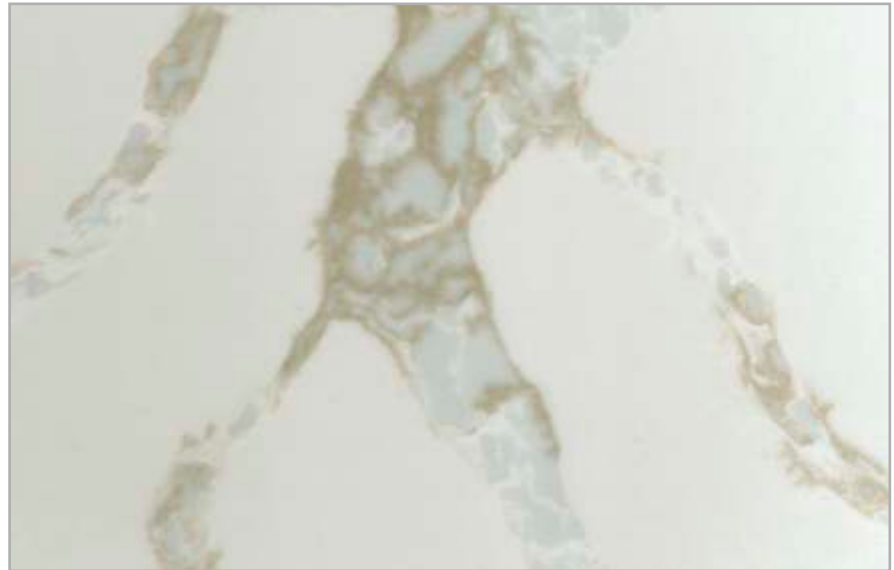
CAL 005



CAL 006



CAL 007



CAL 008



CAL 009





CAL 010



CAL 011



CAL 012





CAL 013

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# Carrara Series







Inspired by Carrara marble which has been quarried since Roman times in the mountains just outside the city of Carrara in Tuscany, Italy. Our new design pays homage to the raw organic nuances within marble and adds a touch of elegance.



Scratch Resistant



Stain Resistant



Heat Resistant



Easy Maintenance



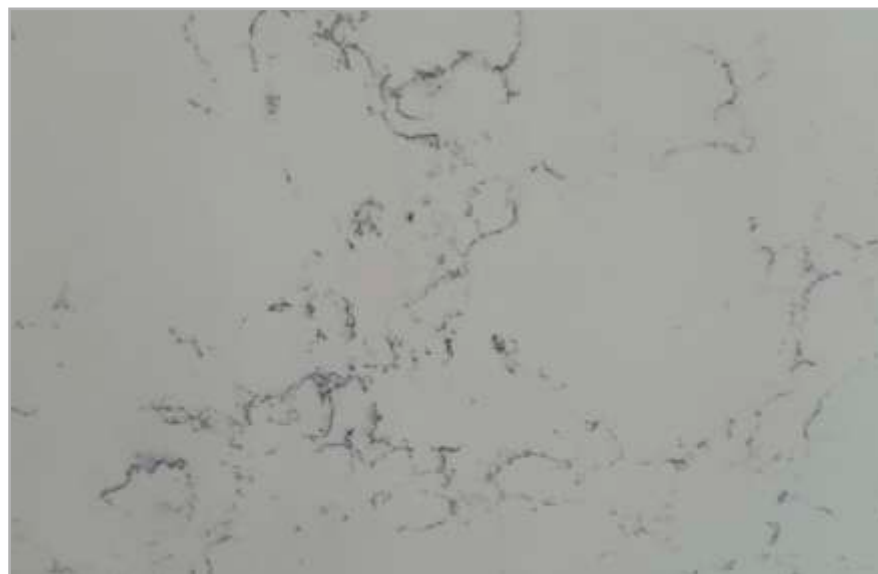
Crack Resistant



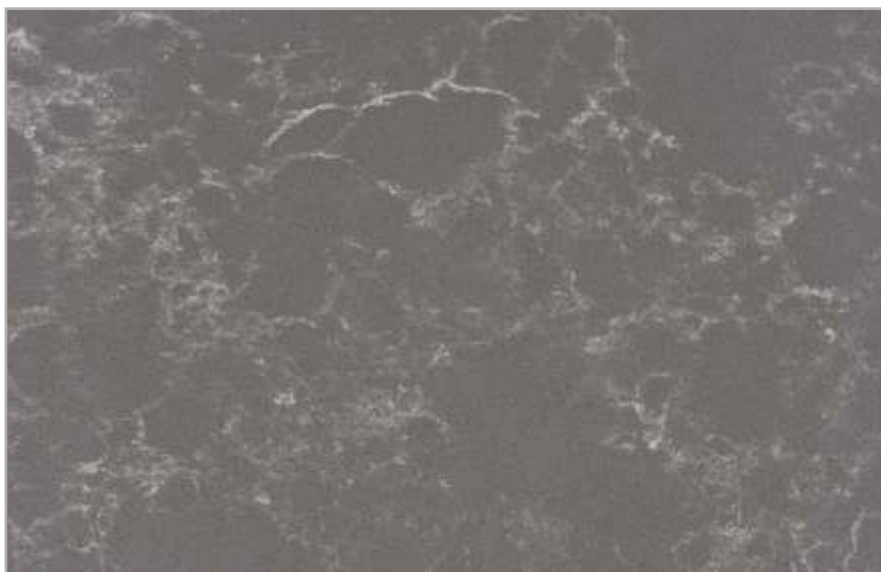
Color Consistency



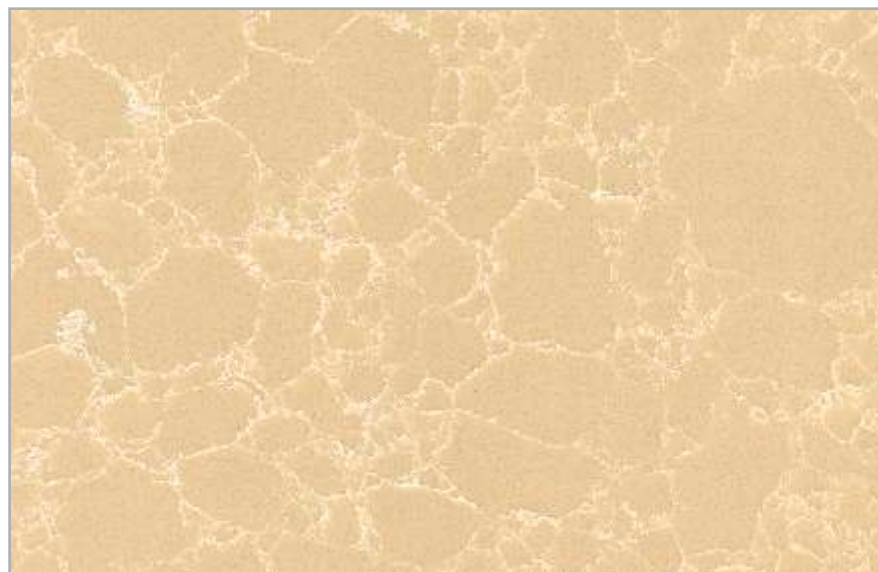
CRR 001



CRR 002



CRR 003



CRR 004





CRR 005



CRR 006



CRR 007

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# Solid Color Series



Cement Grey



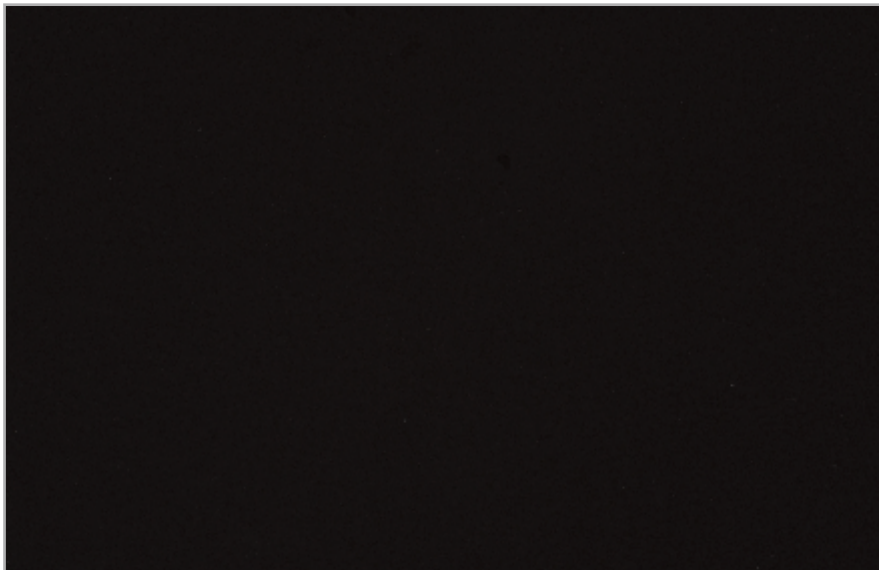




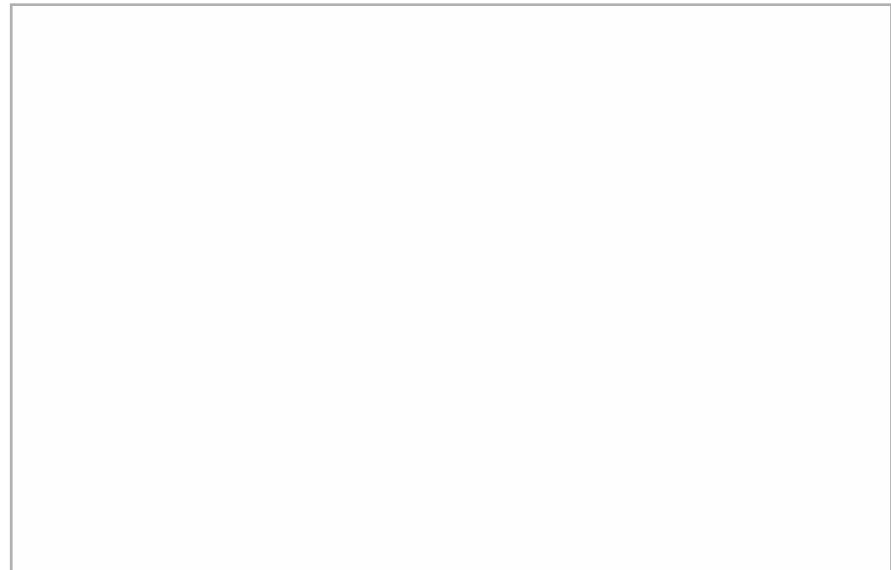
Brown



Beige



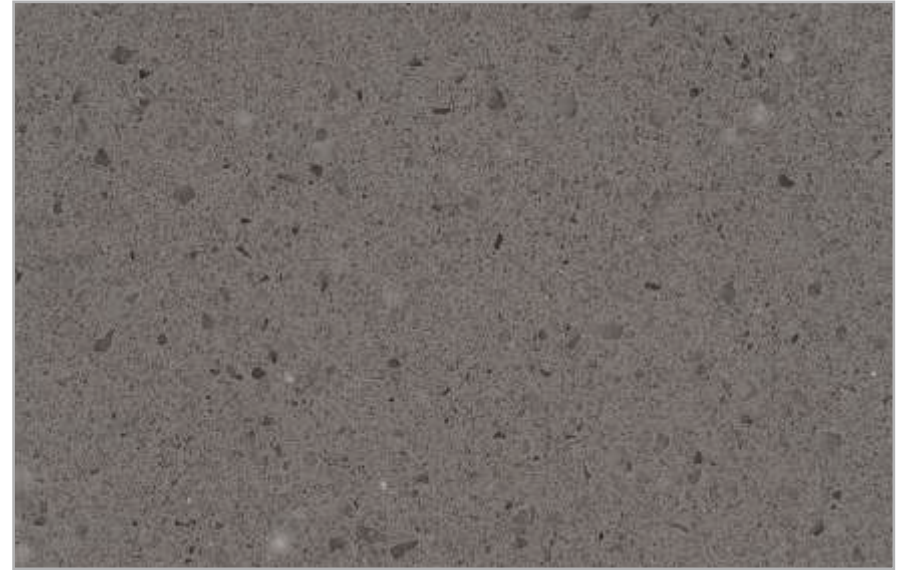
Pure Black



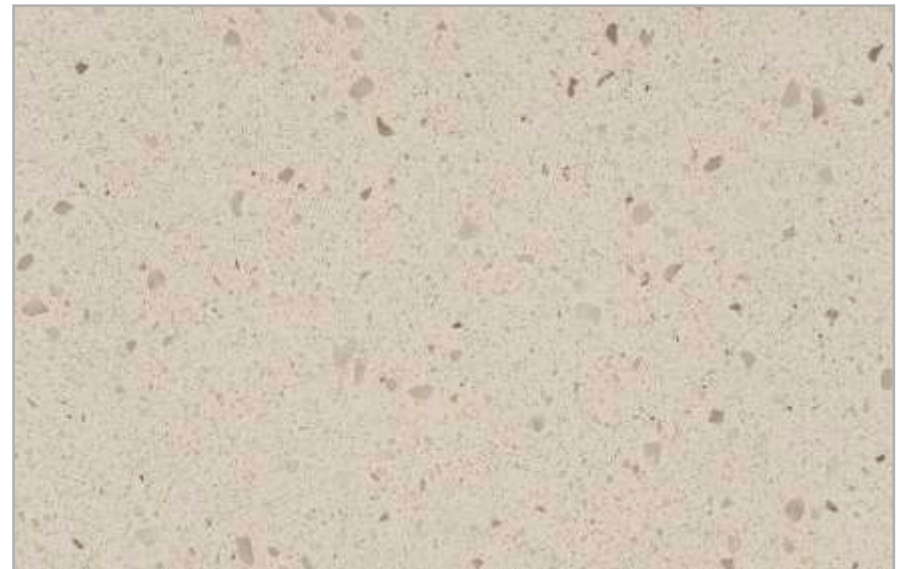
Pure White

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# Ice Series

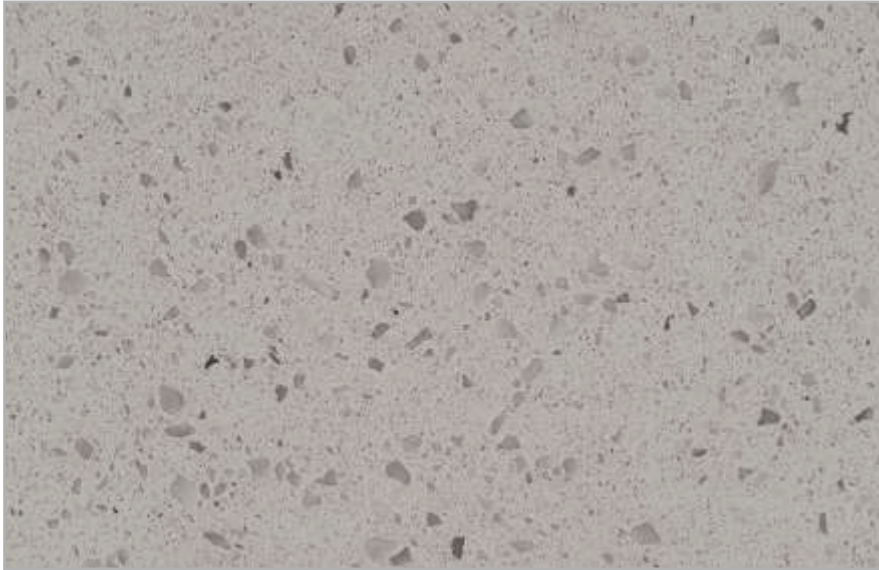


ICE 001



ICE 002





ICE 003



ICE 004



ICE 005



ICE 006

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# Sparkle Series



SPR 001



SPR 002



SPR 003



## Technical Specification

Test Performed	Test Standards	Results
Abrasion Resistance	ASTM C 241	Min 25.0
	ASTM C 1243-93	Volume of Chord : V= 60.0 - 107.9 mm <sup>3</sup>
	EN 14617-4	Chord Length = 21.0 - 22.5 mm
App. Density kg/dm <sup>3</sup>	ASTM C 97	> 2.1
	EN14617-1	> 2.1
Boiling Water Resistance	NEMA LD3-3.5	Pass / No effect
Compressive Strength (Mpa)	ASTM C 170	150 - 250 (Dry/Wet)
	EN14617-15	170 - 240
Cigarette Test	ANSI Z 124.6	Pass
Chemical Resistance	ANSI Z 124.6	Pass
	EN14617-10	Class C4
Dimensional Stability	EN14617-12	Class A
Freeze & Thaw Resistance	ASTM C 1026	No damage after 20 freeze-thaw cycles.
	EN14617-5	No defect after 25 freeze-thaw cycles.
Flexural Strength (MPa)	ASTM C 880	40 - 60 (Dry/Wet)
	EN14617-2	50 - 60
Frost Resistance	DIN 52104	Complies with Standard
Fire Classification	EN 13501-1	Wall Cladding: B-S1-d0,
		Flooring & Stairs: B-fl-S1
Glossiness Reflection	%	55 - 70
High Temperature Resistance	NEMA LD3-3.6	Pass / No effect
Impact Resistance (joule)	EN14617-9	5 - 14.5 joule
Linear Thermal Expansion (30 °C - 100 °C) °C <sup>-1</sup>	ASTM C 372-94	3.0 - 5.0 X10 <sup>-5</sup> per °C
	EN14617-11	13 - 26.0 X 10 <sup>-6</sup>
Modulus of Rupture (MPa) (Dry/Wet)	ASTM C 99	55 - 65
Radiation	GB 6566-2010	Complies with requirement of standards
Resistance to Acids	ASTM C 650	Not Affected
Surface Hardness (Moh's Scale)	EN 101	6.0 - 7.0
Surface Burning	ASTM E 84	Class A
Slip Resistance	EN 14231	Wet: 13-21 SRV , Dry: 43-53 SRV
Stain Resistance	ANSI Z 124.6	Pass
Surface Slip Resistance HONED 400	DIN 51130	R9
Static Co-efficient of Friction	ASTM C 1028	Dry: 0.8 , Wet: 0.6
Thermal Shock Resistance	EN14617-6	No Visual defects after 20 cycles.
		Loss in Mass = 0.04% - 0.07%,
		Loss in flexural strength= 6.0% - 9.5%
Thermal Conductivity	EN 12664	0.435 - 0.485 W/(m.K)
Wear & Cleanability	ANSI Z 124.6	Pass
Water Absorption %	ASTM C 97	< 0.05
	EN14617-1	< 0.05

## **Siam Quartz** Company Ltd.

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