

Radianz[®]
Quartz Surfaces



RADIANZ

Quartz Surfaces
www.radianz-quartz.com

Calacatta Atlas CA765

Radianz[®]
Quartz Surfaces



Calacatta Alya CA450

RADIANZ, ADVANTAGES THAT GO BEYOND THE SURFACE

PREMIUM QUARTZ SURFACES

Crafted from high-density natural quartz, Radianz® surfaces exude sophistication and timeless beauty reminiscent of natural stone. Its superior composition offers qualities unmatched by granite or marble, such as resistance to heat and superficial marring. Given its non-porous nature and ease of cleaning, Radianz material proves ideal for a wide array of applications, including healthcare, hospitality, food service, commercial, and residential settings.



Calacatta Atlas CA765



Capella CA244



NEW
Argento Gold
CC145



Aquila
AR733



NEW
Calacatta Alya
CA450



NEW
Calacatta Atlas
CA765



Calacatta Paletino
CP198



Calacatta Venezia
CV153



Capella
CA244



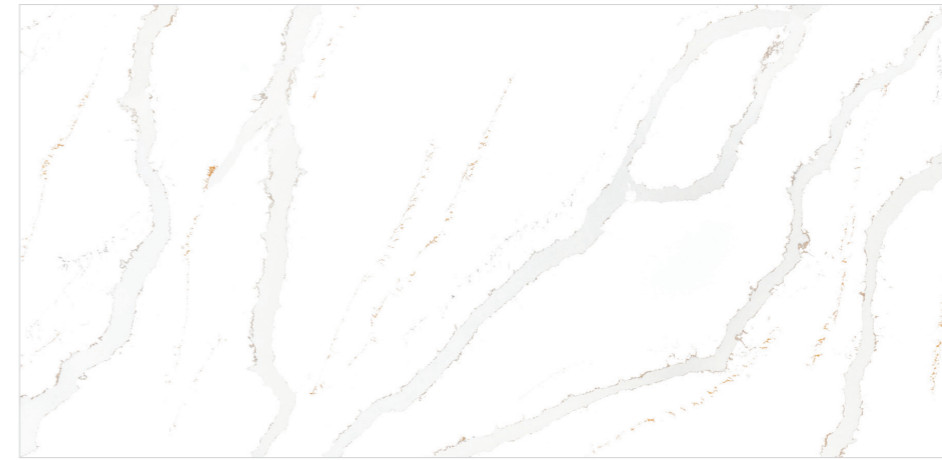
Cosmos
CM125



NEW

Argento Gold
CC145

65" x 130"



Calacatta Paletino
CP198

65" x 130"



Aquila
AR733

65" x 130"



Calacatta Venezia
CV153

65" x 130"



NEW

Calacatta Alya
CA450

65" x 130"



Capella
CA244

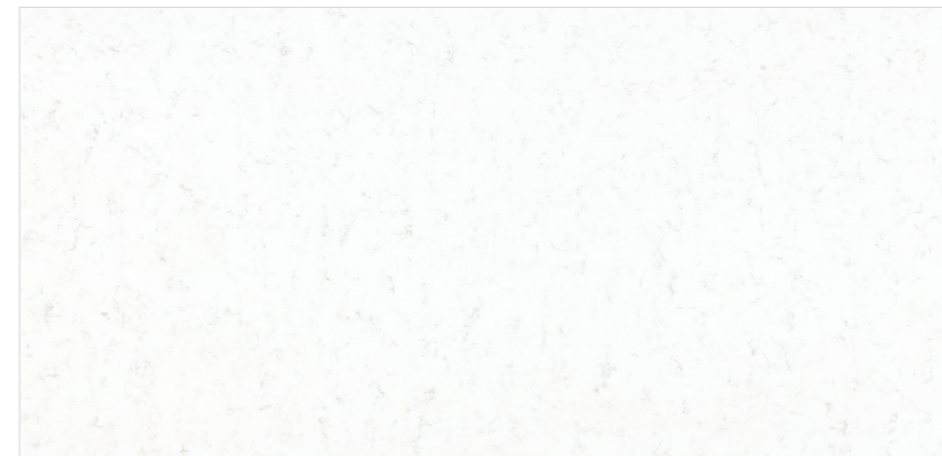
65" x 130"



NEW

Calacatta Atlas
CA765

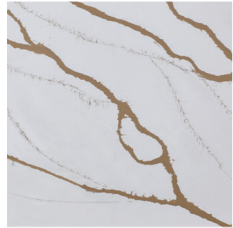
65" x 130"



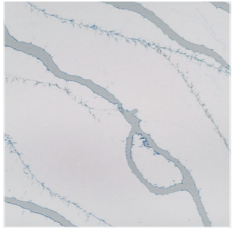
Cosmos
CM125

65" x 130"

Cirrus
Prestige



Excelsior Gold
SG211



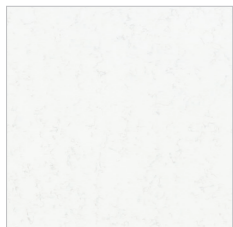
Excelsior Silver
SS164



Hercules
HY145



Minta
MI150



Pixie Wings
PW135



Taj Mahal TM721



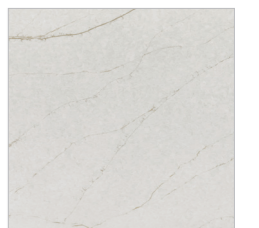
NEW
Royal Marfil
RM254



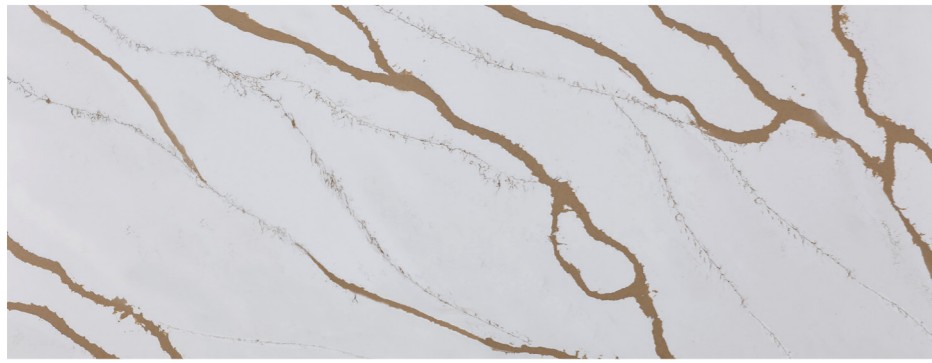
Statuario Crux
SC185



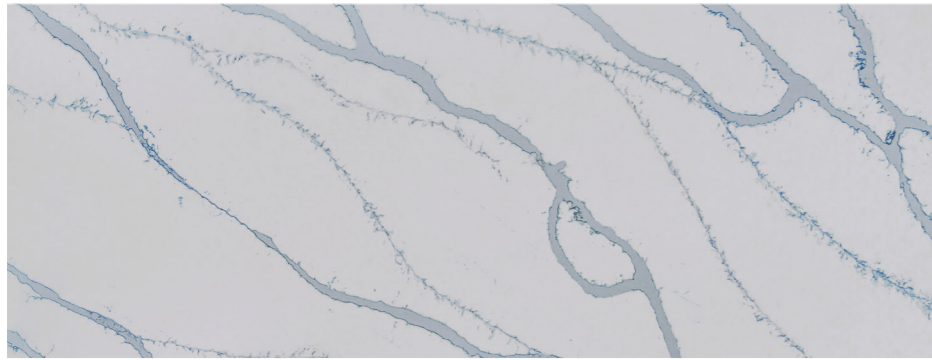
Statuario Venetian
SV154



NEW
Taj Mahal
TM721



Excelsior Gold
SG211
65" x 130"



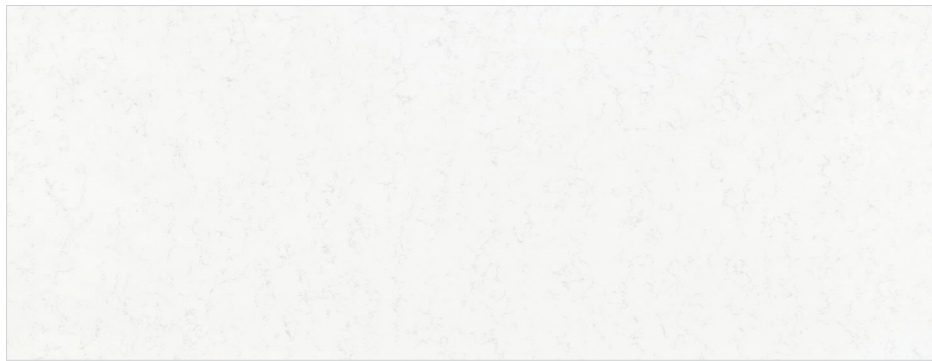
Excelsior Silver
SS164
65" x 130"



Hercules
HY145
65" x 130"



Minta
MI150
65" x 130"



Pixie Wings
PW135
65" x 130"



NEW
Royal Marfil
RM254
65" x 130"



Statuario Crux
SC185
65" x 130"



Statuario Venetian
SV154
65" x 130"



NEW
Taj Mahal
TM721
65" x 130"

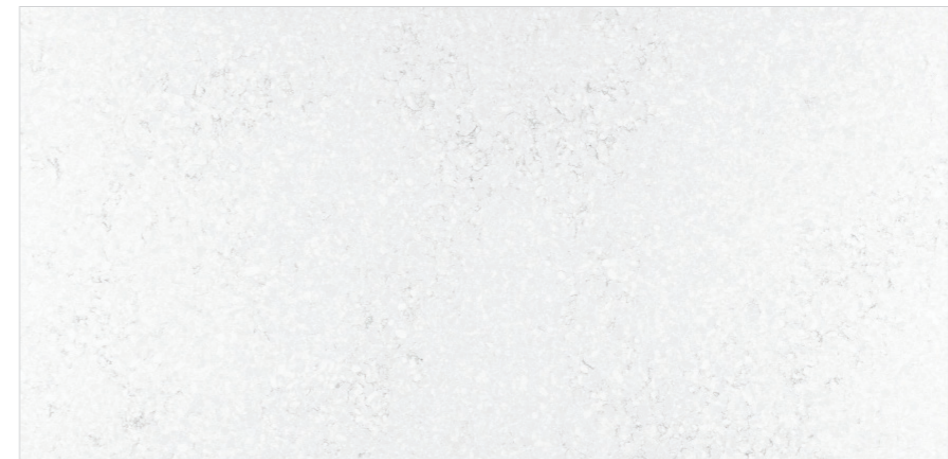
Cirrus



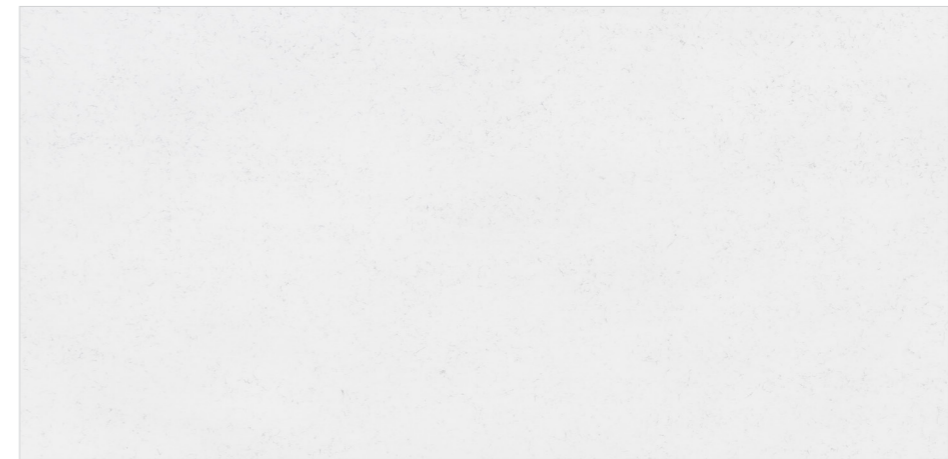
Aries AR765



Alluring
AL450
65" x 130"



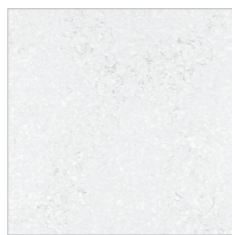
Aries
AR765
65" x 130"



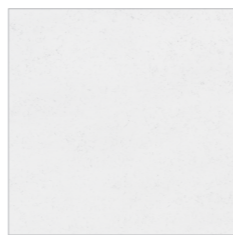
Carrara Bella
CB180
65" x 130"



Alluring
AL450



Aries
AR765



Carrara Bella
CB180

Cirrus



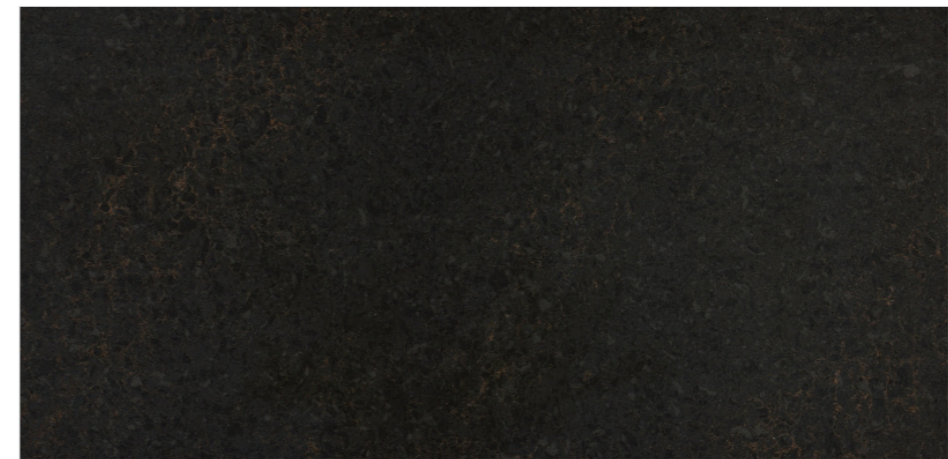
Carola CR157



Carola
CR157
65" x 130"



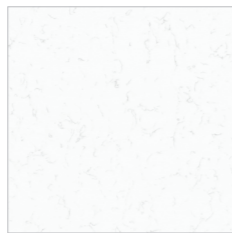
Kronos
KN120
65" x 130"



Splendor
SP850
65" x 130"



Carola
CR157



Kronos
KN120



Splendor
SP850

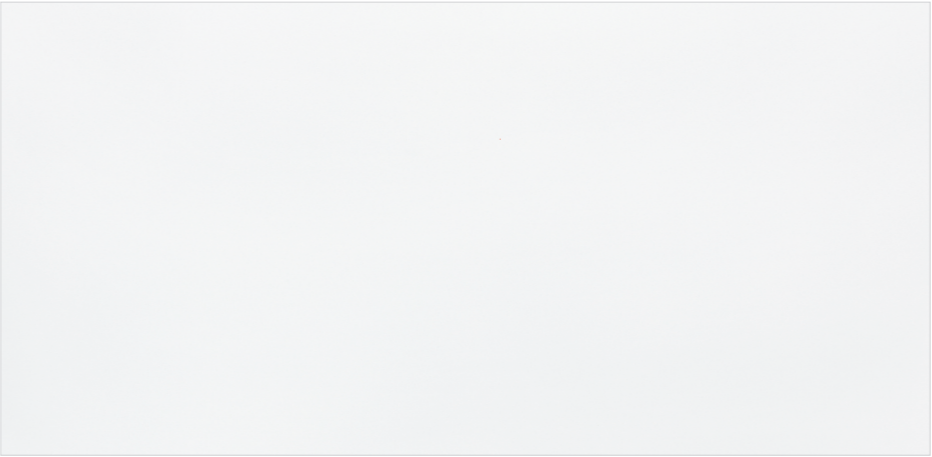
Classic



Columbia Gray CG910



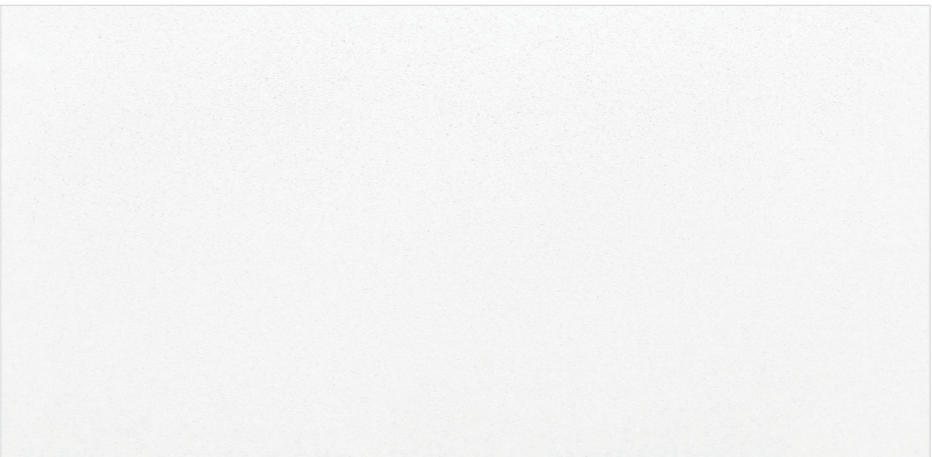
Columbia Gray
CG910
65" x 130"



Diamond White
DW105
65" x 130"



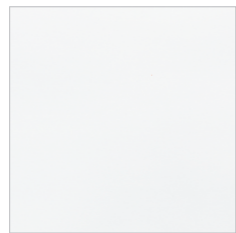
Everest White
EW120
65" x 130"



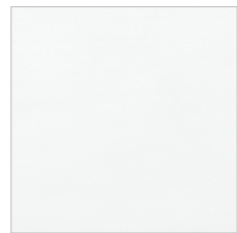
Mont Blanc Snow
MS141
65" x 130"



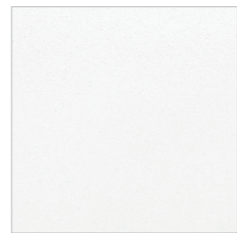
Columbia Gray
CG910



Diamond White
DW105



Everest White
EW120

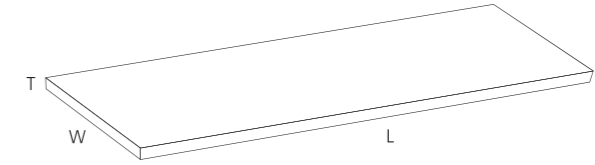


Mont Blanc Snow
MS141

PERFORMANCE PROPERTIES

PROPERTY	UNIT	TEST RESULT	TEST METHOD
Specific Gravity	-	2.41	ASTM D 792-08
Water Absorption	%	0.03	ASTM C 373-06
Compression Strength (Dry)	Mpa	213.74	ASTM C 170-09
Compression Strength (Wet)	Mpa	251.16	
Flexural Strength	Mpa	53.6	ASTM D 790-07
Abrasion Resistance	mg	606	ASTM D 4060-07
Moh's Hardness	-	7	DIN EN 101-92
Rockwell Hardness	HRM	114	ASTM D 785-03
Slip Resistance-Static Coefficient of Friction (as received)	-	0.91/0.49 (Dry/Wet)	ASTM C 1028-07
Slip Resistance-Static Coefficient of Friction (with renovator)	-	0.89/0.48 (Dry/Wet)	
Point Impact	-	Passes	ANSI Z 124.6-07
Stain Resistance	-	Passes	
Cigarette Test	-	Passes	
Chemical Resistance	-	Passes	
Boiling Water Resistance	-	No effect	NEMA LD 3-2000 3.5
High Temp Resistance	-	No effect	NEMA LD 3-2000 3.6
Thermal Expansion	/ °C	1.35 × 10 ⁻⁵	ASTM D 696-03
Fungal Resistance	-	No Growth	ASTM G 21-96
Bacterial Resistance	-	No Growth	ASTM G 22-96
Flammability	-	Class A	ASTM E 84-09
Flame Spread Index	-	10	
Smoke Developed Index	-	180	

PRODUCT DIMENSIONS (NOMINAL SIZE)



WIDTH	LENGTH	THICKNESS	WEIGHT
165cm (65in)	330cm (130in)	2cm (¾ in) / 3cm (1 ¼ in)	251kg (575lb) / 391kg (862lb)

Slab dimension provided are nominal values. Actual usable slab surface may be slightly less per side.

RESIDENTIAL WARRANTY

We trust in the quality of Radianz® quartz products. To ensure your satisfaction, LOTTE CHEMICAL CO.,LTD. is proud to offer a limited non-transferable 15-year warranty.

COMMERCIAL WARRANTY

The Commercial 10-year Limited Warranty applies to Radianz® quartz that have been installed in an interior, commercial use application. For more details regarding the commercial warranty, please consult with your Radianz® distributor or contractor.

PREVENTING DAMAGE

Protect the surface when using metal utensils, cutlery and cookware during food preparation and avoid direct contact with extremely hot objects and caustic chemicals.

DISCLAIMER

The information contained herein is provided by LOTTE CHEMICAL Co., Ltd. and LOTTE Chemical California INC. for information purposes only and should be used by individuals with technical experience and knowledge in the area. LOTTE CHEMICAL Co., Ltd. does not make any representation or warranties of the usefulness or expected result of the information, and does not assume any responsibility whatsoever related to the use of the information. Exclusion of the implied warranties may not apply in certain jurisdictions. LOTTE Chemical California INC. is a subsidiary of LOTTE CHEMICAL Co., Ltd.



For more information on where to purchase Radianz products, please visit our website or contact us via email. LOTTE@lccalifornia.com / www.radianz-quartz.com.