

Radianz[®]
Quartz Surfaces





Calacatta Alpi 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"



Aquila
AR733

65" x 130"



NEW

Calacatta Alya
CA450

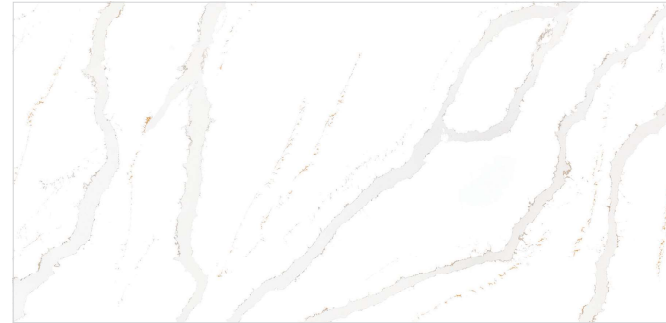
65" x 130"



NEW

Calacatta Atlas
CA765

65" x 130"



Calacatta Paletino
CP198

65" x 130"



Calacatta Venezia
CV153

65" x 130"



Capella
CA244

65" x 130"



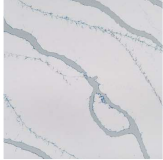
Cosmos
CM125

65" x 130"

Cirrus
Prestige



Excelsior Gold
SG211



Excelsior Silver
SS164



Hercules
HY145



Minta
MI150



Pixie Wings
PW135



Taj Mahal TM721



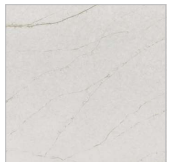
NEW
Royal Marfil
RM254



Statuario Crux
SC185



Statuario Venetian
SV184

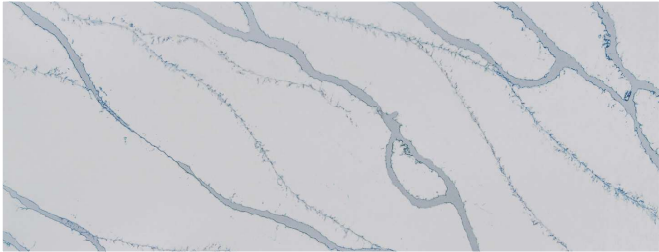


NEW
Taj Mahal
TM721



Excelsior Gold
SG211

65" x 130"



Excelsior Silver
SS164

65" x 130"



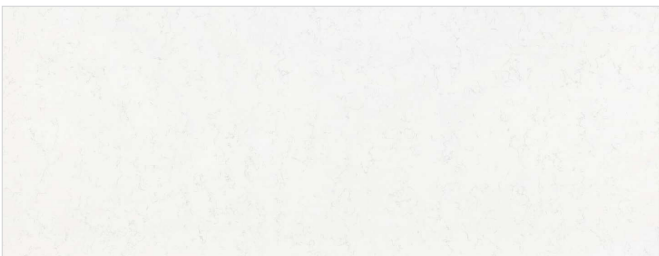
Hercules
HY145

65" x 130"



Minta
MI150

65" x 130"



Pixie Wings
PW135

65" x 130"



NEW

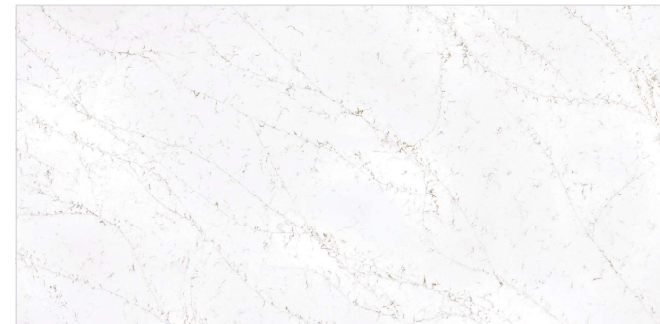
Royal Marfil
RM254

65" x 130"



Statuario Crux
SC185

65" x 130"



Statuario Venetian
SV154

65" x 130"



NEW

Taj Mahal
TM721

65" x 130"

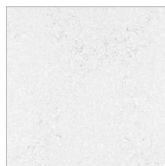
Cirrus



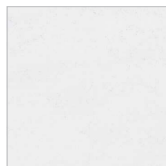
Aries AR765



Alluring
AL450



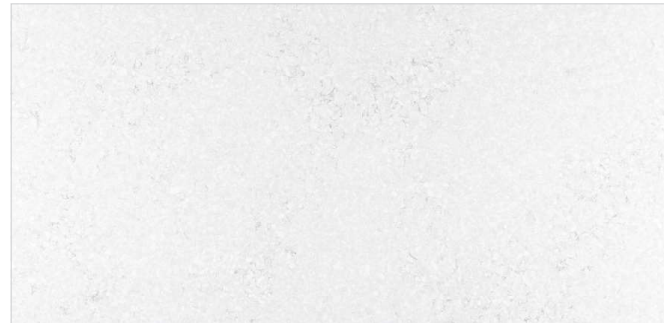
Aries
AR765



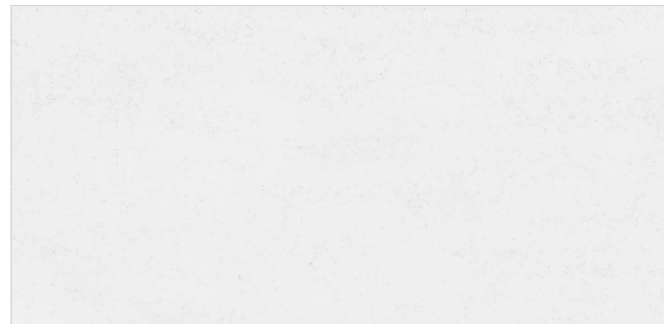
Carrara Bella
CB180



Alluring
AL450
65" x 130"



Aries
AR765
65" x 130"



Carrara Bella
CB180
65" x 130"

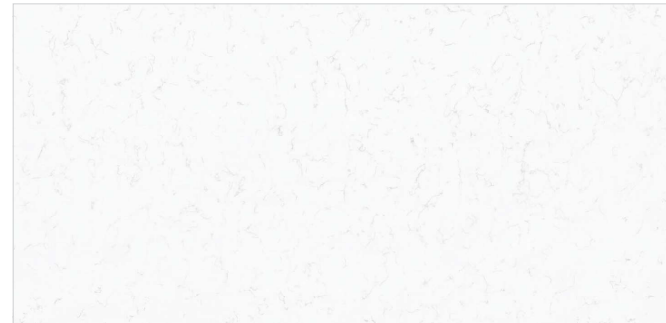
Cirrus



Carola CR157



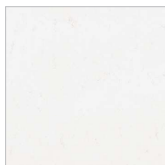
Carola
CR157
65" x 130"



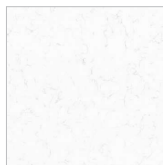
Kronos
KN120
65" x 130"



Splendor
SP850
65" x 130"



Carola
CR157



Kronos
KN120



Splendor
SP850

Classic



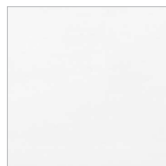
Columbia Gray CG910



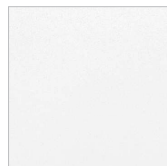
Columbia Gray
CG910



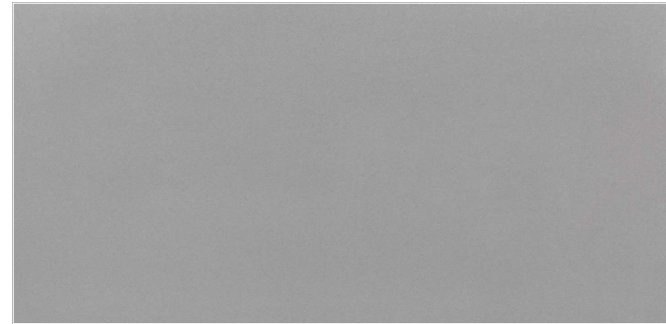
Diamond White
DW105



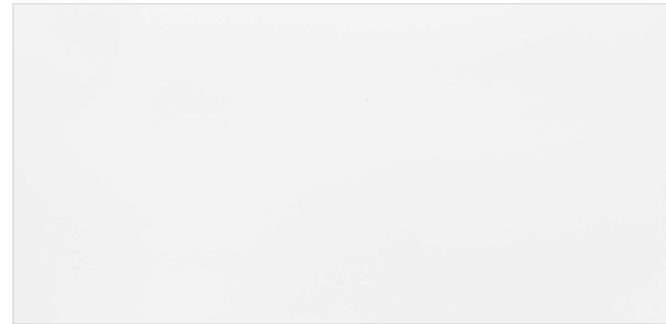
Everest White
EW120



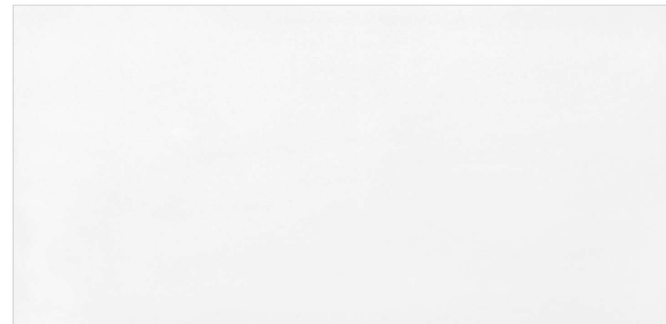
Mont Blanc Snow
MS141



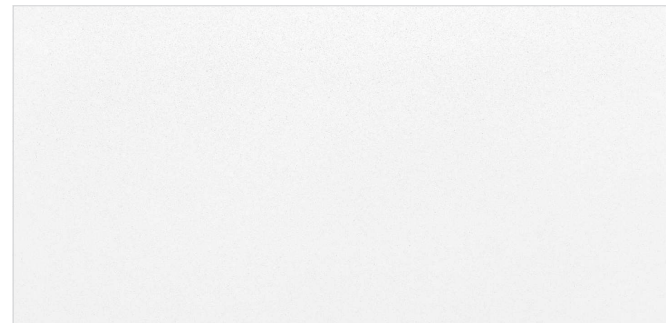
Columbia Gray
CG910
65" x 130"



Diamond White
DW105
65" x 130"



Everest White
EW120
65" x 130"

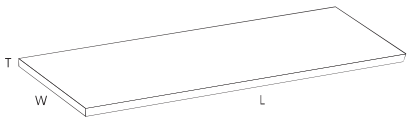


Mont Blanc Snow
MS141
65" x 130"

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

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