

*Radianz*<sup>®</sup>  
Quartz Surfaces

# RADIANZ

Quartz Surfaces  
[www.radianz-quartz.com](http://www.radianz-quartz.com)

*Radianz*<sup>®</sup>  
Quartz Surfaces



# 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.

Cirrus  
Prestige

Calacatta Taurus CT154



**Calacatta Alpha**  
CA151



**Calacatta Celeste**  
CC152



**Calacatta Paletino**  
CP198



**Calacatta Taurus**  
CT154

## INFINITY

The Cirrus Prestige Collection is inspired by Mother Nature's Marbles. It elegantly captures the beauty of marble, a pattern preserving the passage of time - layer by layer. It can be applied to a variety of spaces such as countertops and wall claddings as it creates a distinguished atmosphere. The hygienic property of this collection has a strong advantage against daily contaminations, retaining its own nobility and shine.



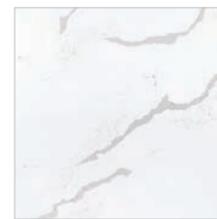
Calacatta Magnifico CM150



Calacatta Stella  
CS151



Calacatta Victory  
CV199



**NEW**  
Calacatta Lyra  
CL145



**NEW**  
Calacatta Magnifico  
CM150



**Calacatta Alpha**  
CA151  
63" x 126"  
B ☒



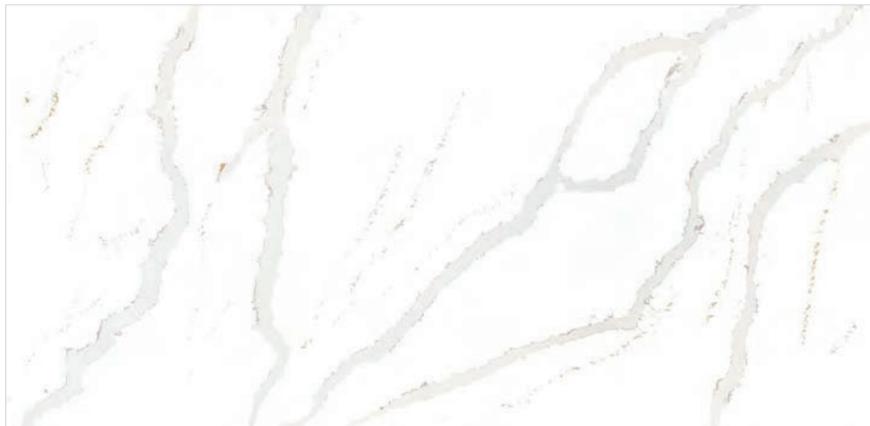
**Calacatta Stella**  
CS151  
63" x 126"  
B ☒



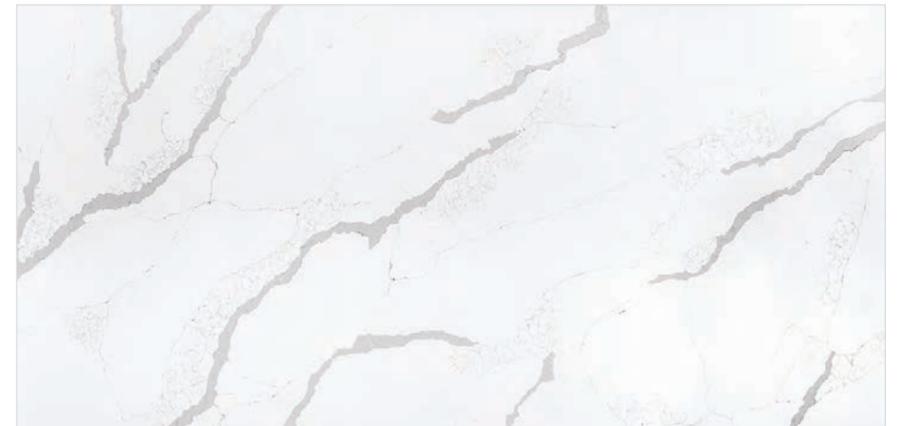
**Calacatta Celeste**  
CC152  
63" x 126"  
B ☒



**Calacatta Victory**  
CV199  
65" x 130"  
B ☒



**Calacatta Paletino**  
CP198  
65" x 130"  
☒



**NEW**  
**Calacatta Lyra**  
CL145  
63" x 126"



**Calacatta Taurus**  
CT154  
63" x 126"  
B ☒



**NEW**  
**Calacatta Magnifico**  
CM150  
63" x 126"  
B ☒

Cirrus  
Prestige

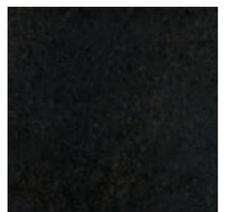
Alluring AL450

## NUANCED GOLD

Its natural texture resembles that of gold ore from a mine. Soft and elegant gold color bleeds into Radianz, making new patterns combined with contemporary style and classic design. The warmth from the colors is transformed into splendor as soon as the lights are turned on.



**Alluring**  
AL450

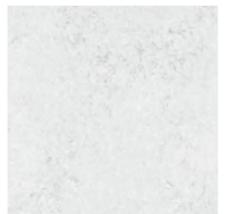


**Splendor**  
SP850

Cirrus  
Prestige

## NUANCED PLATINUM

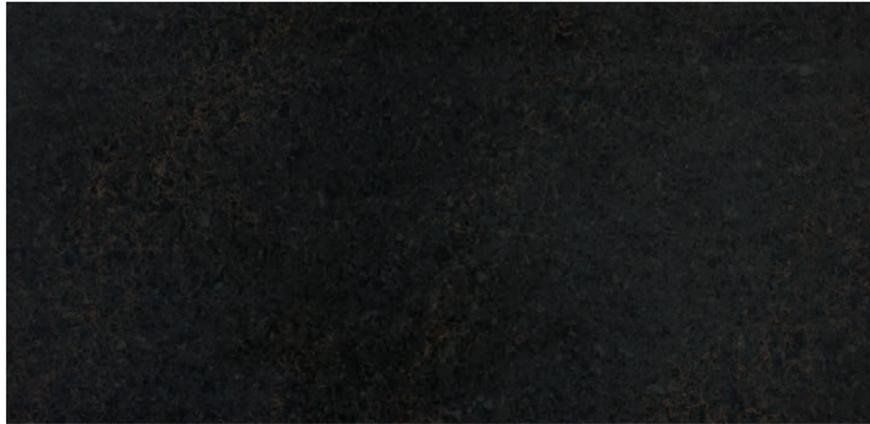
Inspired by platinum, a precious metal more expensive than gold, ARIES is more cool toned than gold, while maintaining a sense of luxury. They permeate into the interior space by blending with the strong textures of Radianz.



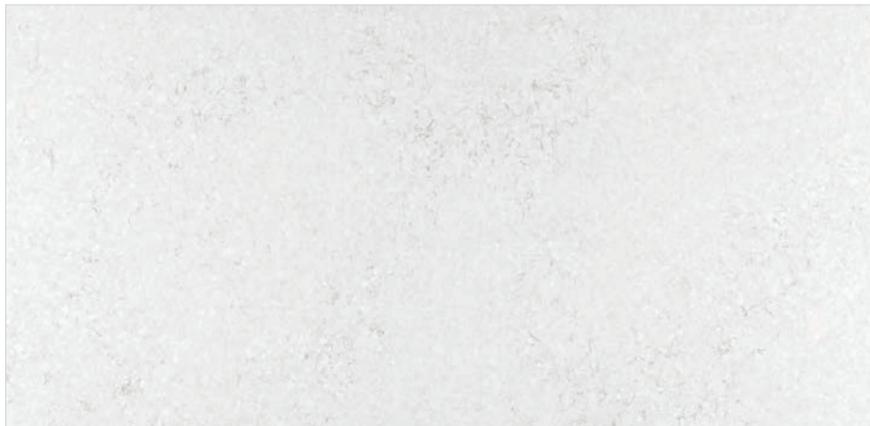
**Aries**  
AR765



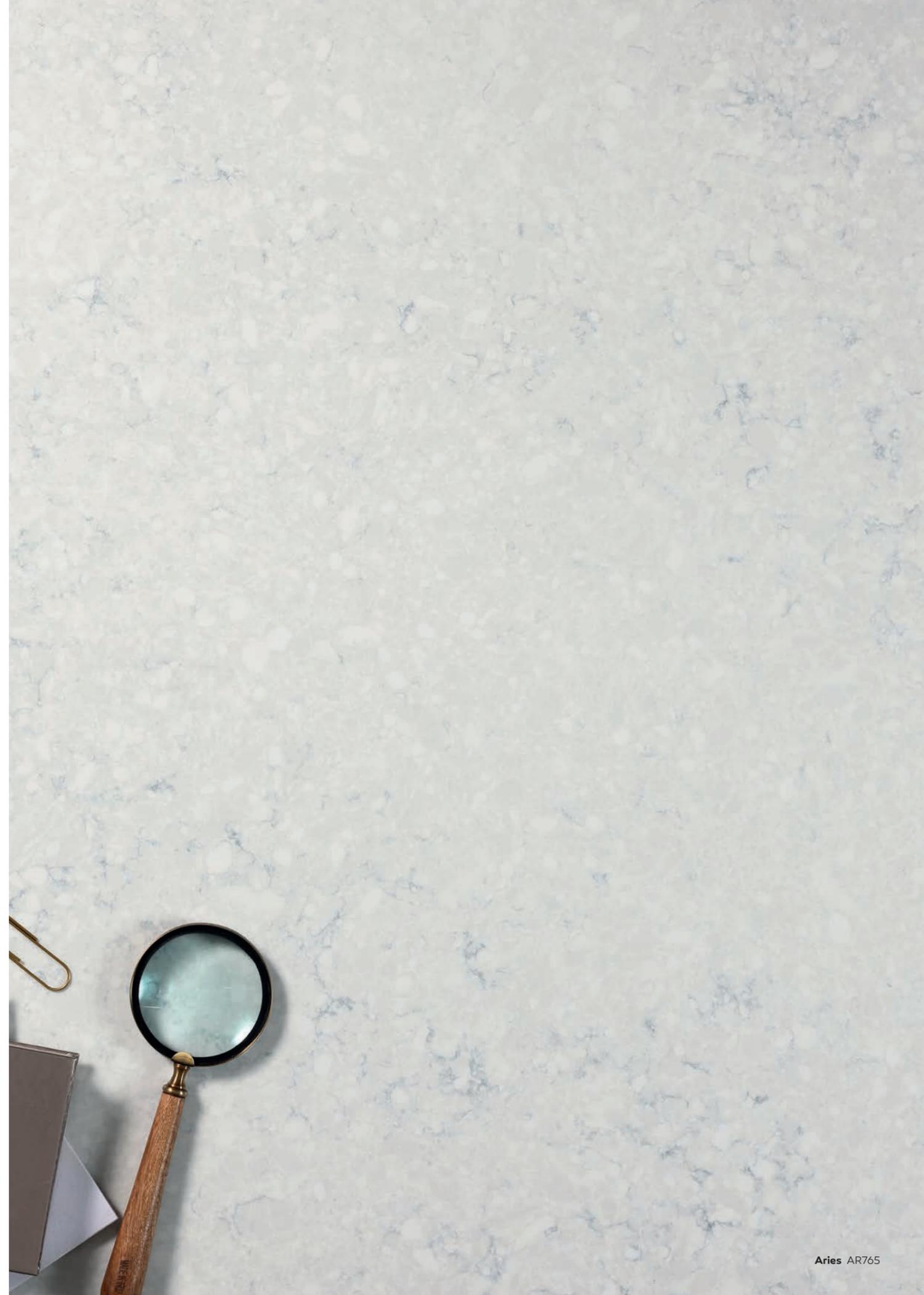
**Alluring** AL450  
60" x 122"



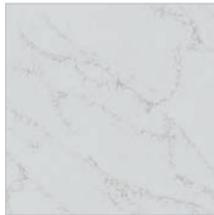
**Splendor** SP850  
60" x 122"



**Aries** AR765  
60" x 122"



Cirrus  
Prestige



**Statuario Crux**  
SC185



**Marquina Lavagna**  
ML950



**NEW**  
**Aquila** AR733



**NEW**  
**Capella** CA244





**Statuario Crux**  
SC185  
65" x 130"



**Marquina Lavagna**  
ML950  
65" x 130"



**NEW**  
**Aquila** AR733  
65" x 130"

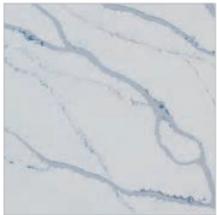


**NEW**  
**Capella** CA244  
65" x 130"





**NEW**  
**Excelsior Gold**  
SG211



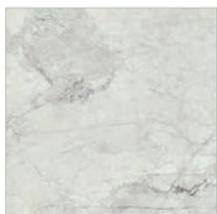
**NEW**  
**Excelsior Silver**  
SS164



**NEW**  
**Hercules** HY145



**NEW**  
**Mare Blu** AG145



**NEW**  
**Strauss** SS712



**NEW**  
**Brahms** BS715



## Radianz Quartz Cirrus Prestige Printed Surfaces

The Cirrus Prestige Printed Surfaces feature cutting-edge Nano Ink Technology delivering lifelike details that directly replicates the intricate patterns and textures of natural stone on a traditional quartz surface.

With 70% recycled materials and reduced silica content, they are eco-friendly and require minimal maintenance, making them ideal for various applications.



**NEW**  
**Excelsior Gold**  
SG211  
65" x 130"



**NEW**  
**Excelsior Silver**  
SS164  
65" x 130"



**NEW**  
**Hercules** HY145  
65" x 130"



**NEW**  
**Mare Blu** AG145  
65" x 130"



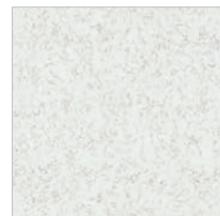
**NEW**  
**Strauss** SS712  
63" x 126"  
**S**



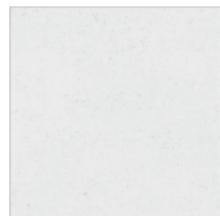
**NEW**  
**Brahms** BS715  
63" x 126"  
**S**



Acacia AC711



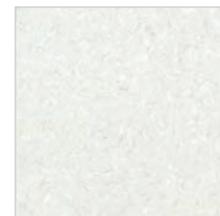
**Acacia**  
AC711



**Carrara Bella**  
CB180

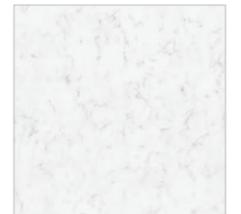


**Contrail**  
CO811

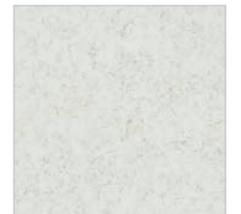


**Halo**  
HA120

Cirrus



**Minta**  
MI150



**Rapture**  
RA150

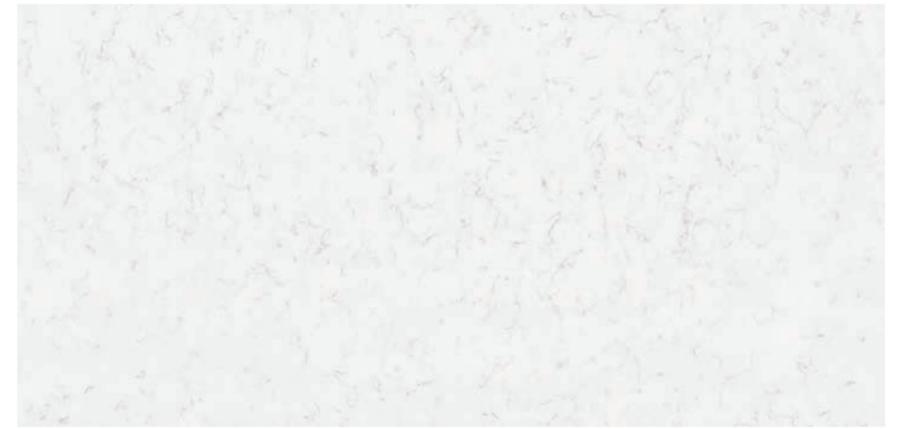


**Sequoia**  
SE155

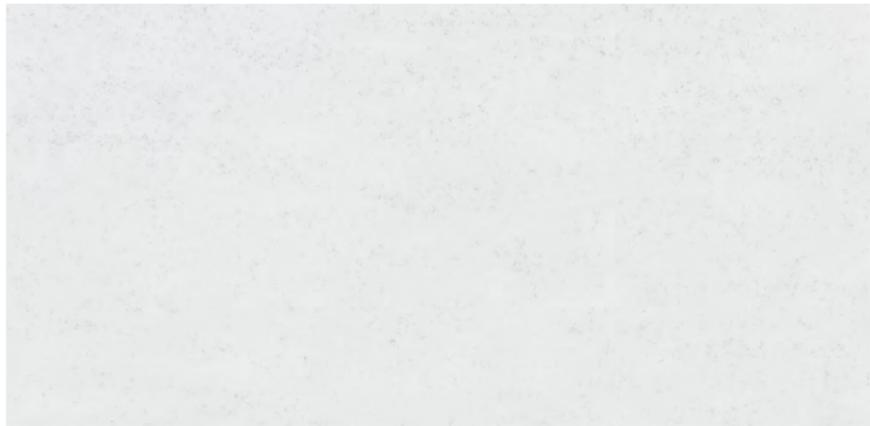
Rapture RA150



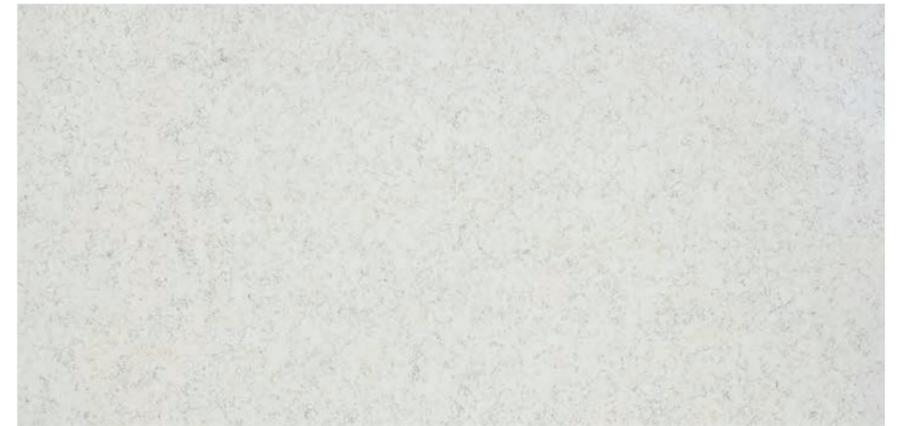
**Acacia** AC711  
60" x 122"



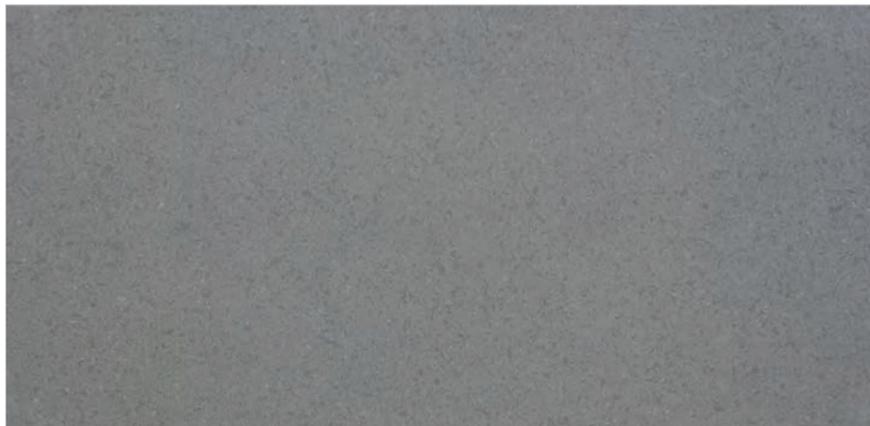
**Minta** MI150  
65" x 130"



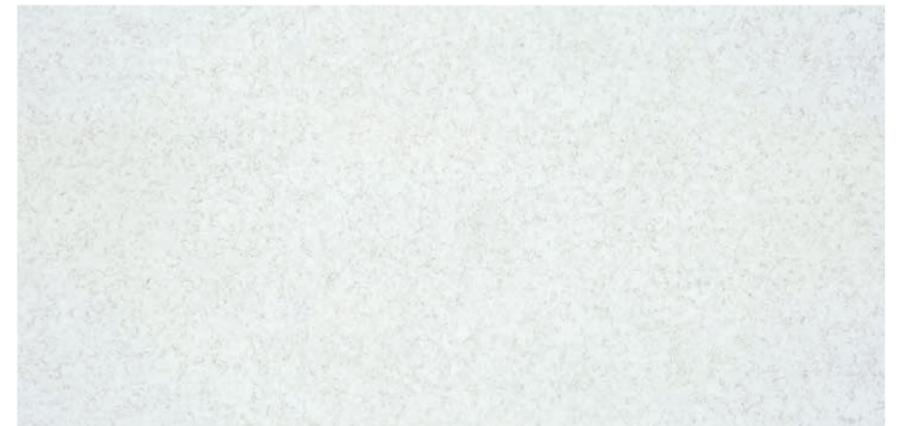
**Carrara Bella** CB180  
65" x 130"



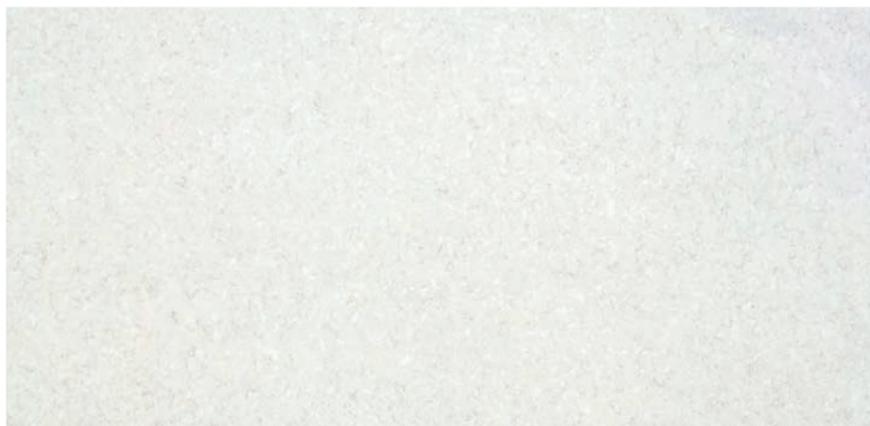
**Rapture** RA150  
65" x 130"



**Contrail** CO811  
60" x 122"



**Sequoia** SE155  
60" x 122"



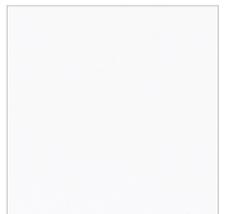
**Halo** HA120  
60" x 122"

Classic

Everest White EW120



**Columbia Gray**  
CG910



**Diamond White**  
DW105



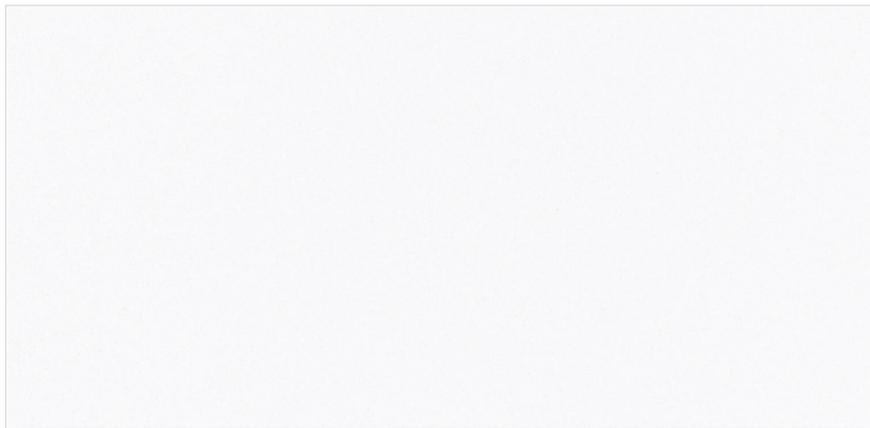
**Everest White**  
EW120



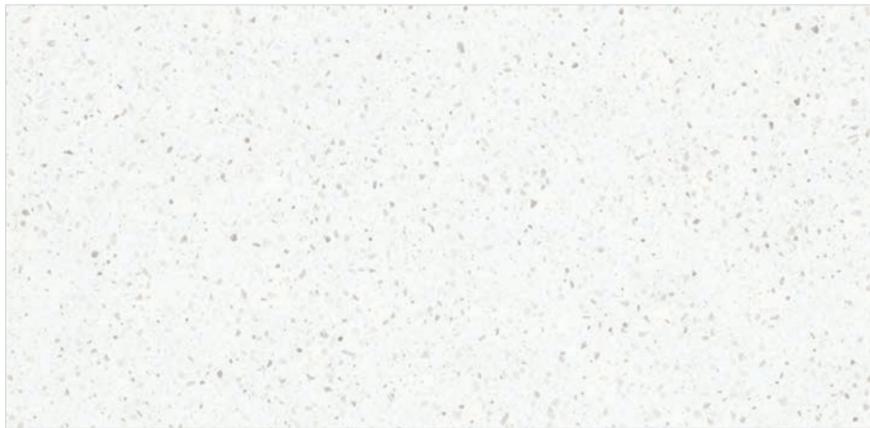
**Mont Blanc Snow**  
MS141



**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"



Aries AR765

### Eco-friendly Materials, Radianz

Colors shown may vary from the actual product.

Please refer to product sample for true color representation.

- Please consult your local supplier of Radianz® quartz for specific recommended care and maintenance practices.
- To view new colors in greater detail, please visit [www.radianz-quartz.com](http://www.radianz-quartz.com)

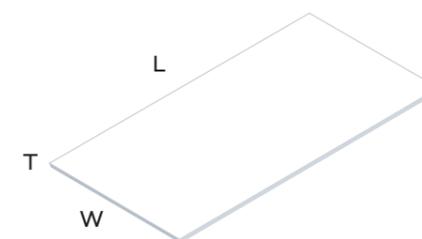
**B** Polished & Brushed Available   **S** Polished & Satin Available   Book Match Available



# 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 <sup>-5</sup>	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
<b>STANDARD</b>	152cm (60in)	310cm (122in)	2cm (0.8in) 3cm (1.2in)	235kg (518lb) / 353kg (778lb)
<b>JUMBO L</b>	160cm (63in)	320cm (126in)		250kg (551lb) / 376kg (829lb)
<b>JUMBO XL</b>	165cm (65in)	330cm (130in)		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.

## RADIANZ MATTE FINISH

The Radianz matte finish is a brushed texture with uniquely soft touch that offers high-quality Color consistency. The matte finish may require extra care and maintenance than the polished finishes. Due to the nature of the surface design, smudges, fingerprints, water spots and other signs of daily living might be more visible on the matte finish. It is recommended that common household spills are dried immediately using non-abrasive cleaning products and microfiber towel. For more information, please visit our website at [www.radianz-quartz.com](http://www.radianz-quartz.com).

## 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.