LOTTE CHEMICAL

Radianz®
Quartz Surfaces

LOTTE CHEMICAL CALIFORNIA INC.
6 Centerpointe Dr. Suite 100 La Palma, CA 90623, U.S.A.
Tel. +1-800-795-7177

Copyright © 2021 LOTTE CHEMICAL Co., Ltd.
Printed in KOREA

Aquarius AQ680

RADIANZ

Quartz Surfaces
www.radianz-quartz.com

Radianz®
Quartz Surfaces



Calacatta Venatino

RADIANZ, ADVANTAGES THAT GO BEYOND THE SURFACE

RADIANZ, PREMIUM QUARTZ SURFACES

Comprised of high-density natural quartz, Radianz® surfaces emulate the sophistication and timeless beauty of natural stone. Its superior composition provides qualities that are unobtainable in granite or marble, including resistance to heat and superficial marring. Because Radianz material is non-porous and easy to clean, it's ideal for healthcare, hospitality, food service, commercial, and residential applications.



Cirrus™

THE CIRRUS COLLECTION

The premium Cirrus Collection from Radianz® continues to expand, adding new stylized surface options with natural-veining patterns that emulate the unparalleled aesthetic of marble.
Made with Breton technology to produce high-quality, technologically advanced surfaces, the Radianz Cirrus Collection balances exceptional quality with exquisite style and an extensive color palette.

Cirrus

Aquarius

NUANCED PLATINUM

Inspired by platinum, a precious metal more expensive than gold, **PEGASUS, ARIES** and **AQUARIUS** are 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.



Aquarius
AQ680



Pegasus
PG760



Aries
AR765

Cirrus

Starry

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.



Starry
ST450



Alluring
AL450



Splendor
SP850



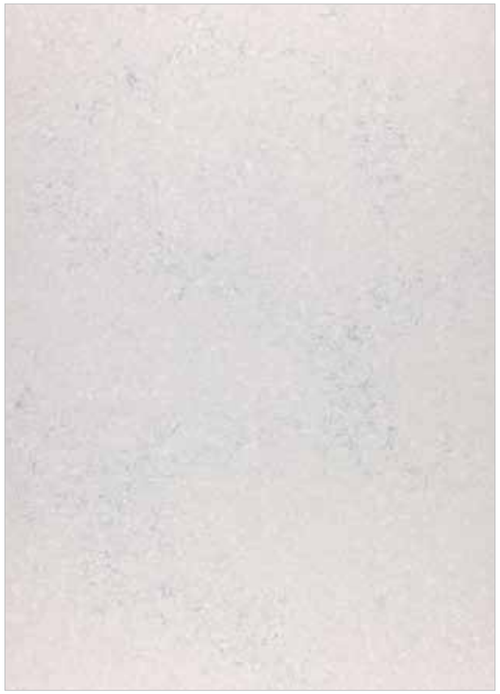
NEW Aquarius AQ680
60" x 122"



NEW Pegasus PG760
60" x 122"



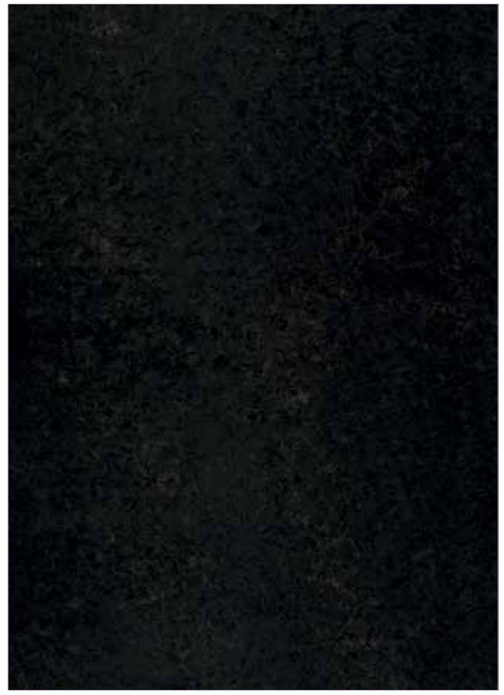
Alluring AL450
60" x 122"



NEW Aries AR765
60" x 122"



NEW Starry ST450
60" x 122"



Splendor SP850
60" x 122"



Cirrus

Statuario Crux



Carrara Bianco
CB190



Carrara Bella
CB180



Carrara Luca
CL170



Statuario Crux
SC185



Statuario Massa
SM160



NEW Carrara Bianco CB190
65" x 130"



NEW Carrara Bella CB180
65" x 130"



Statuario Massa SM160
63" x 126" * Book Matching available



NEW Carrara Luca CL170
65" x 130"



NEW Statuario Crux SC185
60" x 122"



Statuario Massa

Cirrus



Marquina Lavagna



Marquina Lavagna
ML950

Calacatta Venatino
CV110



Calacatta Veneto
CV130



Calacatta Royal
CV120

Cirrus



Calacatta Crystal
CC170

Calacatta Ice
CI180

Calacatta Dolce
CD150



Calacatta Ice



Marquina Lavagna ML950
60" x 122"

Calacatta Venatino CV110
60" x 122"



Calacatta Crystal CC170
63" x 126" * Book Matching available

Calacatta Ice CI180
63" x 126"



Calacatta Veneto CV130
60" x 122"



Calacatta Royal CV120
60" x 122"



Calacatta Dolce CD150
63" x 126" * Book Matching available

Cirrus



Interstellar



Interstellar
IN170



Andes
AD123

Annapuruna
AP120



Pristine
PG126

Cirrus



Starlight
ST740



Acacia
AC711



Rapture
RA150



Pluto
PL722



Starlight



Interstellar IN170
60" x 122"



Andes AD123
60" x 122"



Starlight ST740
60" x 122"



Acacia AC711
60" x 122"



Annapuruna AP120
60" x 122"



Pristine PG126
60" x 122"



Rapture RA150
60" x 122"



Pluto PL722
60" x 122"

Cirrus





Minta
MI150



Alnila
AL139

Carola
CR157



Spa Black
SB950

Cirrus



Urban

Ceres CO925

Contrail CO811

Modern MO799

Urban UR750

NEW Minta MI150
65" x 130"



NEW Alnila AL139
65" x 130"



Ceres CO925
60" x 122"



Contrail CO811
60" x 122"

NEW Carola CR157
65" x 130"



NEW Spa Black SB950
65" x 130"



Modern MO799
60" x 122"



Urban UR750
60" x 122"

Cirrus

Volga



Ashford Fog
AF953



Aster
AS955



Cadiz
CD760



Charcoal
CH949



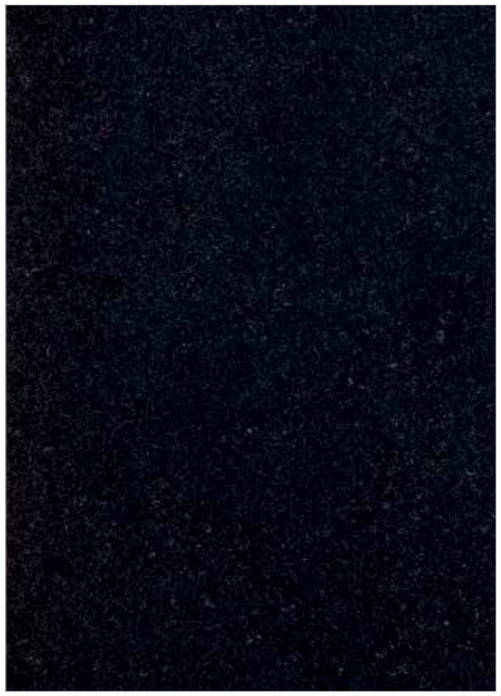
Verona Verde
VV254



Volga
VO255



Ashford Fog AF953
60" x 122"



Aster AS955
60" x 122"



Verona Verde VV254
60" x 122"





Cadiz CD760
60" x 122"



Charcoal CH949
60" x 122"

Volga VO255
60" x 122"

Cirrus





Vega
VE150

Sequoia
SE155

Denali Cloud
DC155



Divine
DI180

Halo
HA120

Lucern Lake
LL195



Vega VE150
60" x 122"

Sequoia SE155
60" x 122"

Halo HA120
60" x 122"

Denali Cloud DC155
60" x 122"

Divine DI180
60" x 122"



Lucern Lake LL195
60" x 122"



Classic





NEW Angel White AW180
65" x 130"



NEW Polar White PW133
65" x 130"

NEW Pacifica White PW160
65" x 130"



Diamond White DW105
65" x 130"



Everest White EW120
65" x 130"

Aleutian White AW130
65" x 130"



Mont Blanc Snow MS141
65" x 130"



Adirondack Birch AB144
65" x 130"



Whitney Gray WG722
65" x 130"



Columbia Gray CG910
65" x 130"



Kauai Cream KC213
60" x 122"



Gentle Gray GG900
60" x 122"



Sierra Bedrock SB744
60" x 122"



Elbrus Boulder EB866
60" x 122"



Antigua Beach AN230
60" x 122"



Cumberland Flax CF350
60" x 122"



Bristol Beige BB227
60" x 122"



Himalaya Ridge HR755
60" x 122"



Ural Gray UG950
60" x 122"



Kunlun Ink KI992
60" x 122"

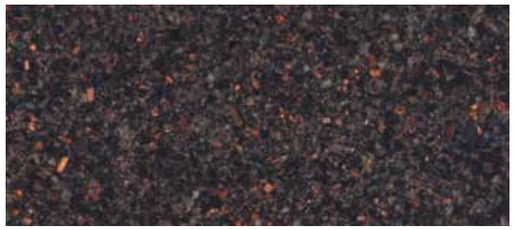
St. Helens White SH145
60" x 122"



Imperial Gray IG910
60" x 122"



Mariposa Buff MU410
60" x 122"



Mirama Bronze MI780
60" x 122"

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

Matte Finish Available
Jumbo slab (Jumbo L / Jumbo XL)
Recycled
Book Match available

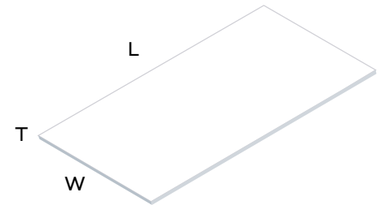
PERFORMANCE PROPERTIES

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 Hardeness	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 $\times 10^{-5}$	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	

NO	RADIANZ COLORS	Certificate %
1	Kunlun Ink	30%
2	Gentle Gray	25%
3	Elbrus Boulder	20%
4	Mont Blanc Snow	20%
5	Aster	13%
6	Imperial Gray	13%

NO	RADIANZ COLORS	Certificate %
7	Sierra Bedrock	9%
8	Mariposa Buff	3%
9	Mirama Bronze	3%
10	Verona Verde	3%
11	Splendor	3%
12	Aquarius	3%

PRODUCT DIMENSIONS



	WIDTH	LENGTH	THICKNESS	WEIGHT
STANDARD	152cm (60in)	310cm (122in)	2cm (0.8in) 3cm (1.2in)	235kg (518lb) / 353kg (778lb)
JUMBO L	160cm (63in)	320cm (126in)		250kg (551lb) / 376kg (829lb)
JUMBO XL	165cm (65in)	330cm (130in)		251kg (575lb) / 391kg (862lb)

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.

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.