

Radianz[®]
Quartz Surfaces

LOTTE CHEMICAL (SHANGHAI) CO., LTD.

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RADIANZ

Quartz Surfaces
www.radianz-quartz.com

Radianz[®]
Quartz Surfaces



RADIANZ, ADVANTAGES THAT GO BEYOND THE SURFACE.

RADIANZ, PREMIUM QUARTZ SURFACES

Comprised of high-density natural quartz, Radianz emulates the sophisticated aesthetic of natural stone, while its advanced composition provides qualities that are unobtainable with granite or marble. Its nonporous, scratch-and heat-resistant surface makes it an ideal material for healthcare, hospitality, food service and residential applications.

KEY FEATURES

- Nature inspired aesthetics & appearance
- Controlled Color consistency and superior durability using Breton technology
- Extensive range of Colors and patterns

APPLICATIONS

- Countertops / Vanity tops
- Lavatories and public restrooms
- Contract furniture / Conference tables
- Reception desks
- Transaction counters
- Food service and beverage counters
- Displays and fixtures
- Window sills / Wall caps

NEW
Cirrus
Prestige



Aquarius AQ680

NEW
Cirrus
Prestige



Aries



Pegasus PG760



Aries AR765

NEW
Cirrus
Prestige



Starry ST450



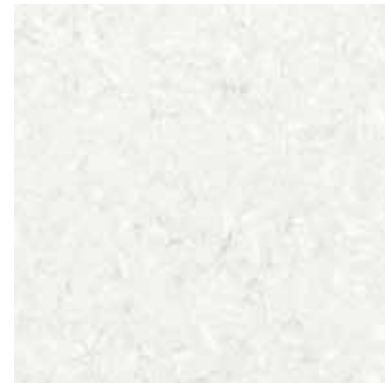
Alluring AL450



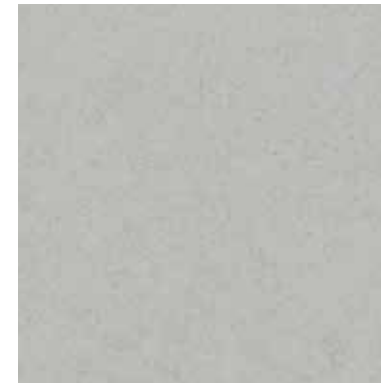
NEW
Cirrus



Rapture RA150



Halo HA120



Urban UR750



Modern MO799



Urban

NEW
Cirrus



Charcoal CH949



Annapuruna AP120



Lucern Lake



Andes AD123



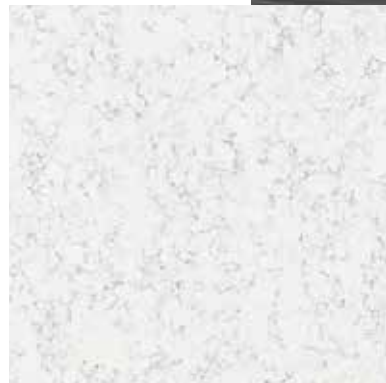
Lucern Lake LL195

NEW
Cirrus

Acacia



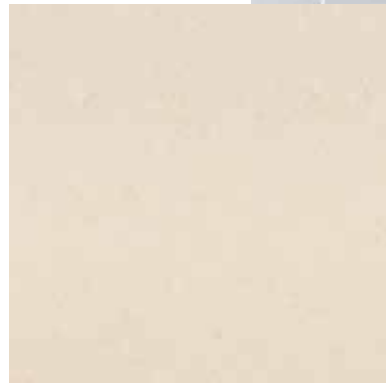
Denali Cloud DC155



Acacia AC711



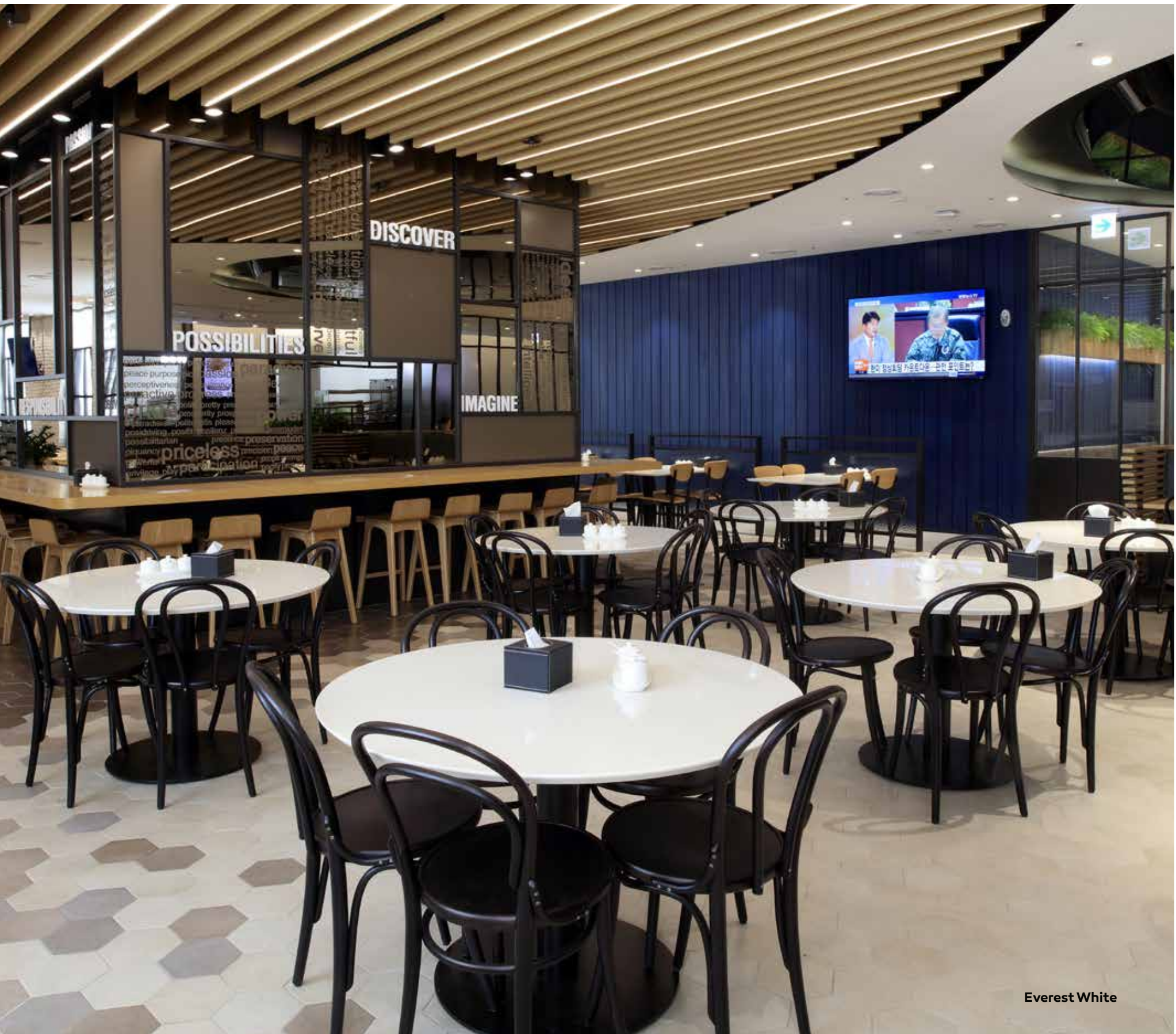
Sequoia SE155



Volga VO255



Sand



Everest White EW120



Whitney Gray WG722



Bristol Beige BB227



NEW
Himalaya Ridge HR755



Columbia Gray CG910



Ural Gray UG950

Chip



Adirondack Birch AB144



Aleutian White AW130



Antigua Beach AN230



Kauai Cream KC213



Cumberland Flax CF350



NEW
Sierra Bedrock SB744

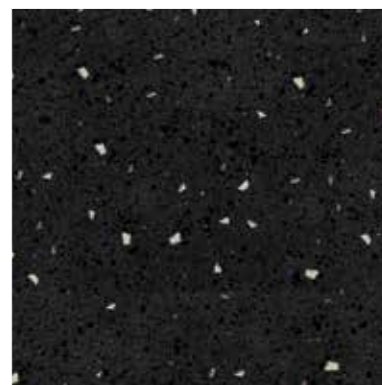


Adirondack Birch

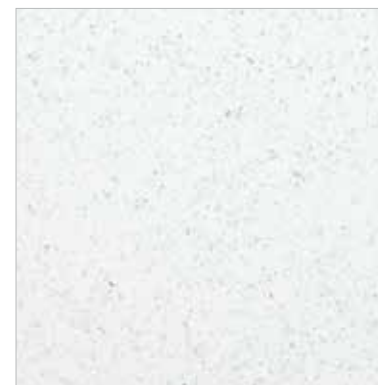
Mirror



Gentle Gray GG900



Kunlun Ink KI992



Mont Blanc Snow MS141



Elbrus Boulder EB866

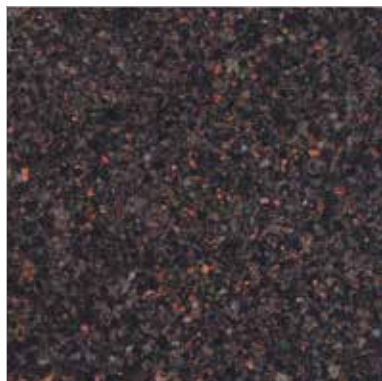
Noble



Imperial Gray IG910



Mariposa Buff MU410



Mirama Bronze MI780



Mirama Bronze



Diamond White



St. Helens White SH145



Diamond White DW105



COLORS OF RADIANTZ

CIRRUS PRESTIGE



NEW Aquarius
水瓶座 AQ680



NEW Pegasus
珀加索斯 PG760



NEW Aries
白羊座 AR765

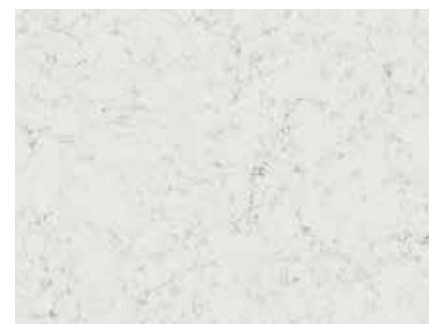


NEW Starry
璀璨星空 ST450

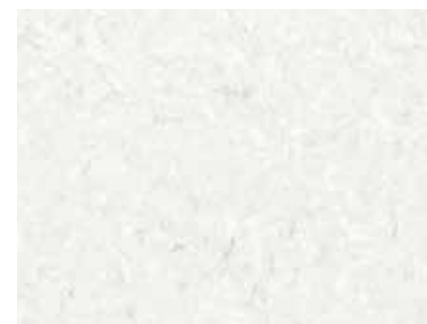


NEW Alluring
爱卢茗 AL450

CIRRUS



NEW Rapture
莱普恰 RA150



NEW Halo
哈伊罗 HA120



NEW Urban
厄尔绊 UR750



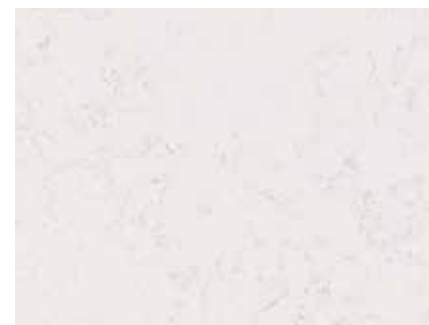
NEW Modern
摩登 MO799



NEW Charcoal
查克尔 CH949



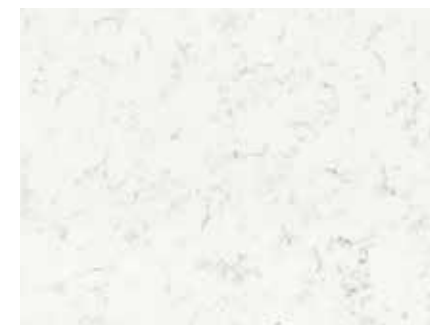
NEW Annapuruna
安娜普尔纳 AP120



NEW Andes
安第斯 AD123



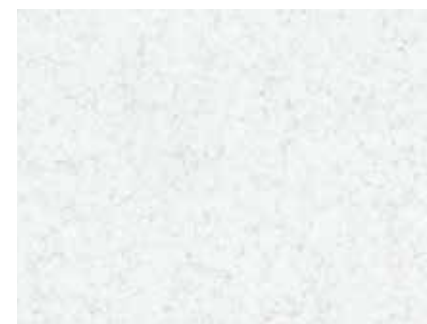
NEW Denali Cloud
德纳里云 DC155



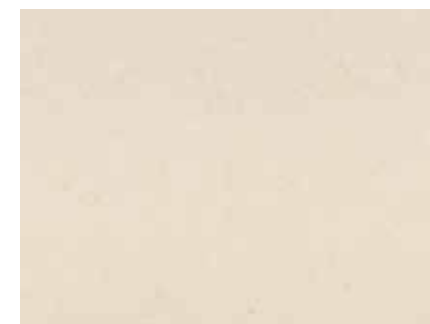
NEW Lucern Lake
卢塞恩湖 LL195



NEW Acacia
卢塞恩湖 AC711



NEW Sequoia
昔夸怡厄 SE155



NEW Volga
伏尔加河 VO255

SAND



Everest White
珠穆朗玛白 EW120



Whitney Gray
惠特尼灰 WG722



Bristol Beige
布里斯淡棕 BB227



NEW Himalaya Ridge
喜马拉雅山脊 HR755



Columbia Gray
哥伦比亚灰 CG910



Ural Gray
乌拉尔灰 UG950

CHIP



Adirondack Birch
阿迪朗山桦 AB144



Aleutian White
雪山白 AW130



Antigua Beach
安提沙黄 AN230



Cumberland Flax
坎伯兰亚麻 CF350



Kauai Cream
奶油白 KC213



NEW Sierra Bedrock
西拉基岩 SB744



MIRROR



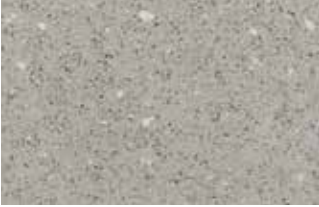
Gentle Gray
爵士灰 GG900



Kunlun Ink
昆仑晶玉 KI992



Mont Blanc Snow
白水晶 MS141



Elbrus Boulder
厄尔布鲁士岩 EB866

NOBLE



Imperial Gray
至尊金石 IG910



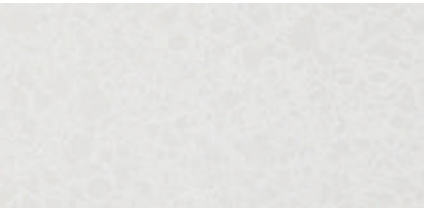
Mariposa Buff
马里革岩 MU410



Mirama Bronze
马里革岩 MI780

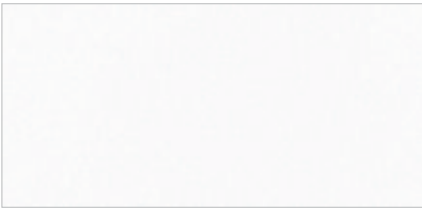


COASTAL



St. Helens White
圣海伦白 SH145

DIA



Diamond White
钻石白 DW105

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® 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



Recycled



PERFORMANCE PROPERTIES

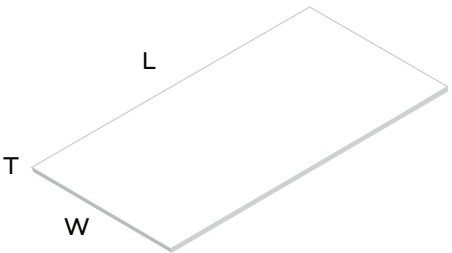
PROPERTY	UNIT	TEST RESULT	TEST METHOD
Specific Gravity	-	2.41	ASTM D 792-08
Water Absorption	%	0.03	ASTM C 373-06
Compression Strength (Dry)	Mpa	213.74	ASTM C 170-09
Compression Strength (Wet)	Mpa	251.16	
Flexural Strength	Mpa	53.6	ASTM D 790-07
Abrasion Resistance	mg	606	ASTM D 4060-07
Moh’s Hardness	-	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	



COLORS	RECYCLED CONTENT (%)
Aster	15.5%
Verona Verde	3.9%
Gentle Gray	29.4%
Kunlun Ink	33.1%
Mont Blanc Snow	23.7%

COLORS	RECYCLED CONTENT (%)
Elbrus Boulder	24.2%
Imperial Gray	13.3%
Mirama Bronze	3.2%
Mariposa Buff	5.4%
Sierra Bedrock	9.6%

PRODUCT DIMENSIONS



	WIDTH	LENGTH	THICKNESS	WEIGHT
STANDARD	152cm (60in)	310cm (122in)	2cm (0.8in)	235kg (518lb) / 353kg (778lb)
JUMBO	160cm (63in)	320cm (126in)	3cm (1.2in)	250kg (551lb) / 376kg (829lb)

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 MATT FINISH

The Radianz matt finish is a brushed texture with uniquely soft touch that offers high-quality Color consistency. The matt 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 matt 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. 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.