

# HanStone® Quartz

HYUNDAI

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# HanStone® Quartz



Tranquility RU613

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# Introduction



## HanStone® Quartz Surfaces

Hyundai L&C is the leading manufacturer of natural quartz surfaces with the most advanced, nature-friendly manufacturing plant in Korea and North America.

Our HanStone Quartz product lines are ideally suited for reception areas, conference rooms, countertops, vanities, bar tops and other surfaces throughout commercial and residential environment.

With Breton technology, we combine natural quartz, one of nature's hardest materials, with high-quality polymer resin and pigment to produce durable yet luxurious stone surface.

All of these qualities have made HanStone Quartz a premier choice for architects and designers throughout the world.

# HanStone® Quartz

Atlantic Grey GV781



## Reference

HanStone® Quartz

### RESIDENTIAL PROJECT

- Kitchen
- Artwall / Restroom

# Kitchen

Residential Project



**Location** Nefs Gangnam Show Room, Seoul, Korea  
**Color** Atlantic Grey GV781



**Location** Home & Q Show Room, Seoul, Korea  
**Color** Aramis RU607



**Location** Samho Garden Gangnam Apt, Seoul, Korea  
**Color** Ajanta RM504



| Color Winter Canal SU762



| Location GS Xi Namsan 4-4 Apt, Daegu, Korea  
| Color Ambrosial Nuovo M0626



| Location Ilshin humanvill Apt. Yangpyeong, Korea  
| Color Shangrila ON783



**Location** SAMSUNG Raemian Gangnam Forest Apt, Seoul, Korea  
**Color** Kindred Nuovo MO627



**Location** tvN - Let Me Home TV Show, Ep.9  
**Color** Tranquility RU613



**Location** tvN - Let Me Home TV Show, Ep.8  
**Color** Sophia RU608



| Color Tranquility RU613



| Location Nefs Gangnam Show Room, Seoul, Korea  
| Color Matier BT354



| Location Hanssem Gangnam Kitchen Shop, Seoul, Korea  
| Color Tranquility RU613



**Location** Livart Gangnam Show Room, Seoul, Korea  
**Color** Atlantic Grey GV781



**Location** SAMSUNG Raemian Gangnam Forest Apt, Seoul, Korea  
**Color** Kindred Nuovo MO627



**Location** Livart Gangnam Show Room, Seoul, Korea  
**Color** Luna Shadow WI764



**Location** JTBC - TV Show, Ep.6  
**Color** Meteor SU750



**Location** Residential, Seoul, Korea  
**Color** Aspen RU601



**Location** Misa Gangbyeon New City, Hanam, Korea  
**Color** Atlantic Grey GV781



**Location** Posco The Sharp Apt, Pangyo, Korea  
**Color** Indian Pearl RU658



**Location** Sejong Tech Center, Sejong, Korea  
**Color** Mondo WT720

# Restroom

Residential Project



| Color Atlantic Grey GV781



| Location SK Uberfield Apt, Gwacheon, Korea  
| Color Ajanta RM504



| Location Tenjin Hotel, Fukuoka, Japan  
| Color Indian Pearl RU658

# Artwall

Residential Project



**Location** Residential, America  
**Color** Tranquility RU613



**Location** SK Uberfield Apt, Gwacheon, Korea  
**Color** Ajanta RM504



**Location** Livart Gangnam Show Room, Seoul, Korea  
**Color** Luna White WI763



# HanStone® Quartz

Strato CA701



## Reference

HanStone® Quartz

### COMMERCIAL PROJECT

- Airport
- Office
- Restaurant

# Airport

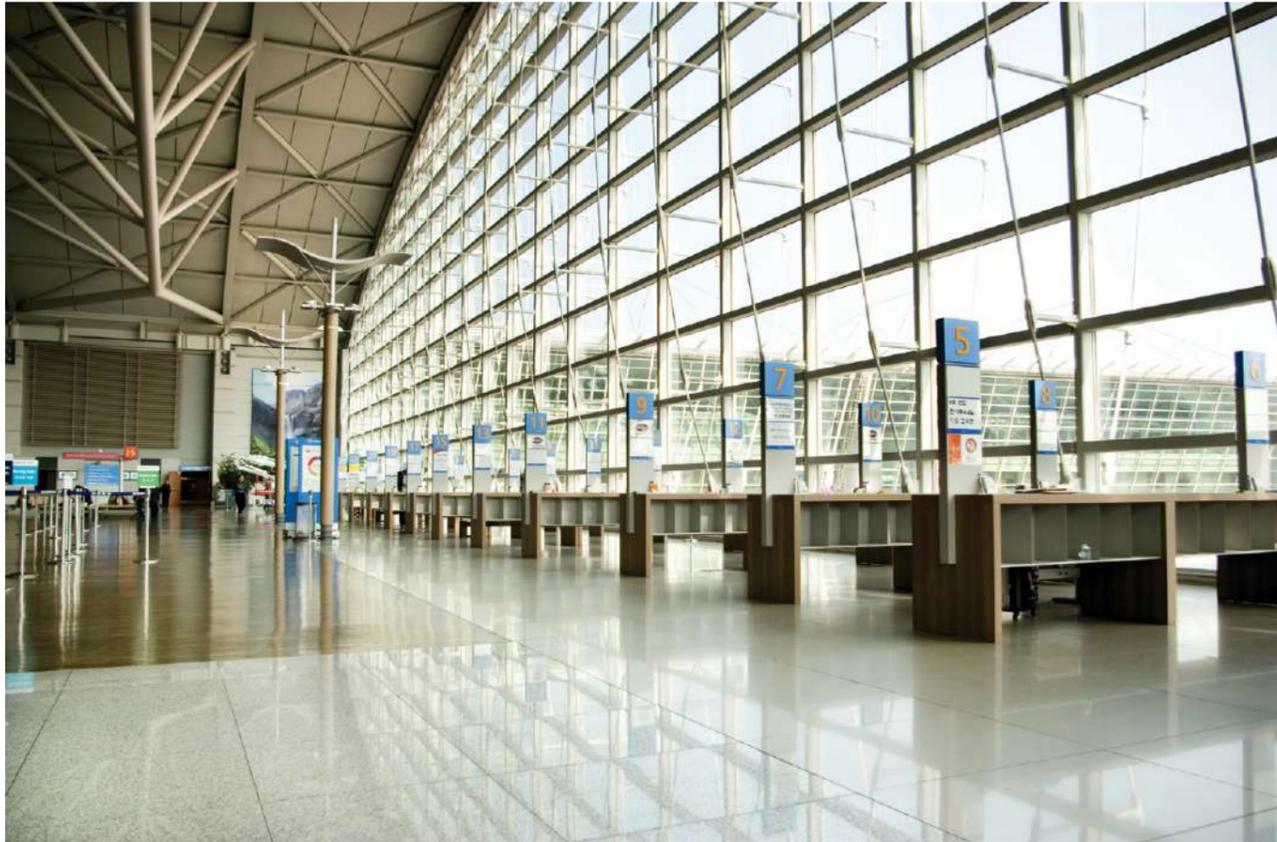
Commercial Project



Location Atlanta Hartsfield Jackson intl. Airport, Atlanta, USA  
Color C041, C040



Location Incheon International Airport, Incheon, Korea  
Color Camomile, Mystic Blue, Neo Rainbow



# Office

Commercial Project



**Location** Conference Room, Indiana, USA  
**Color** Aspen RU601



**Location** Mirae Asset Center 1, Seoul, Korea  
**Color** Aspen RU601



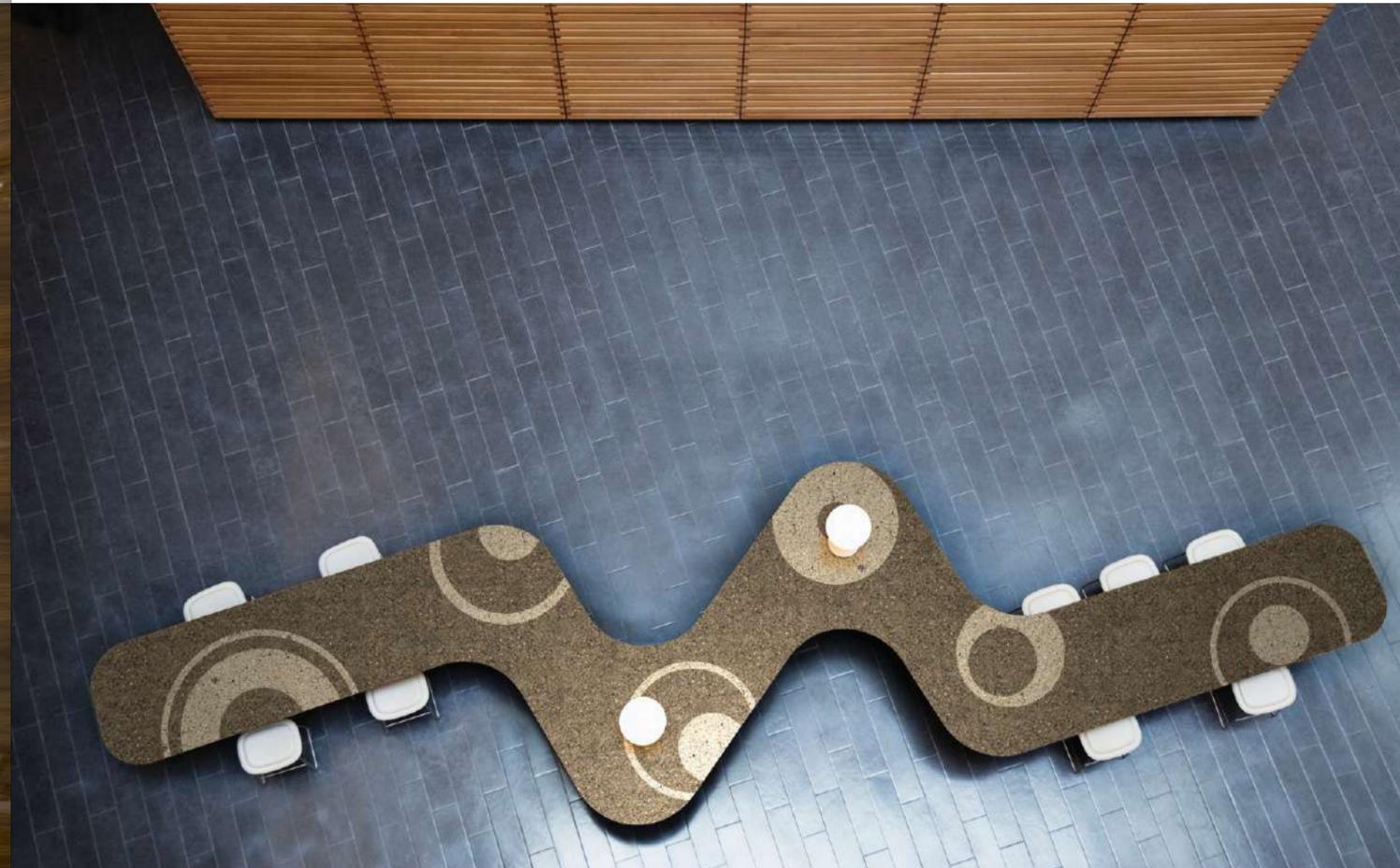
**Location** Dongsan Hospital, Daegu, Korea  
**Color** Aspen RU601



**Color** Campina SU751



| Color Tranquility RU613



| Location Office Bldg, America  
| Color Victorian Sands RS308



| Location Penta Career Center, Ohio, USA  
| Color Mystic Blue

# Restaurant

Commercial Project



**Location** Winery Bar, America  
**Color** Aramis RU607



**Location** Yakiniku Restaurant, Kobe, Japan  
**Color** Indian Pearl RU658



**Location** Sindosegi Restaurant, Seoul, Korea  
**Color** Ambrosial Nuovo MO626



**Location** Sindosegi Restaurant, Seoul, Korea  
**Color** Ambrosial Nuovo MO626



**Color** Cotton Grey SU754

# HanStone® Quartz

Black Snow RU656



## Technical Data

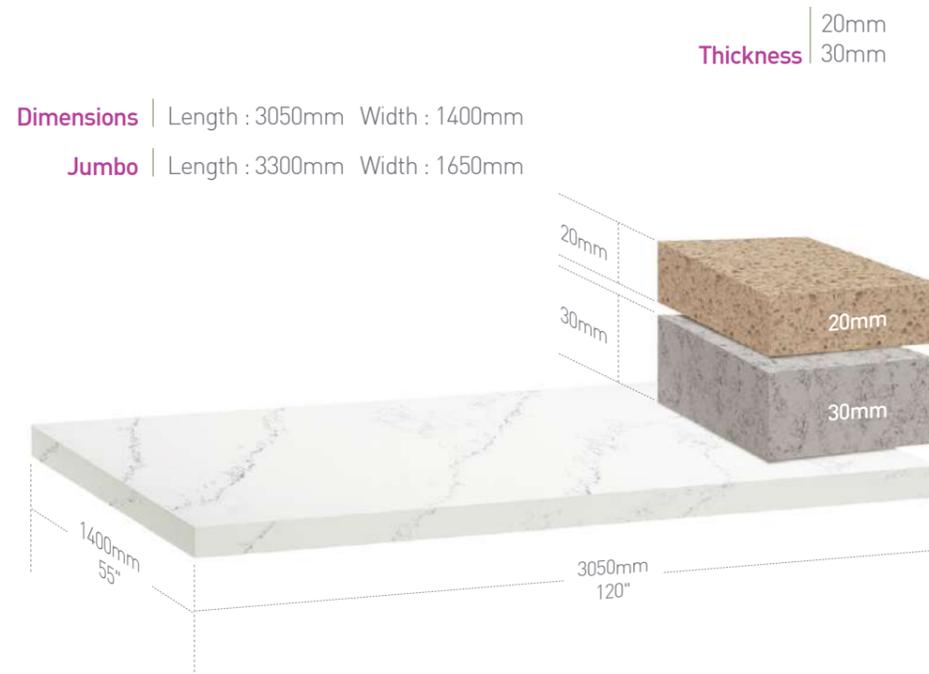
HanStone® Quartz

- ✓ Specification
- ✓ Technical Specifications
- ✓ Certifications

# Technical Data

## Specification

Thickness mm (Inch)	Width mm (Inch)	Length mm (Inch)	Weight kg (Lbs)
20mm (0.79")	1400mm (55")	3050mm (120")	205kg (452lbs)
30mm (1.18")	1400mm (55")	3050mm (120")	307kg (677lbs)



## Certificates



CERTIFICATE OF KSA



MATERIAL SAFETY DATA SHEET



CERTIFICATE OF COMPLIANCE



NSF INTERNATIONAL



GREENGUARD



GREENGUARD

## Technical Specifications

Property	Standard	Result
01 Abrasion Resistance (Weight Loss)	ASTM D 4060	1094 mg
02 Izod Impact Strength	ASTM D 256 (Method A)	13.3 J/m
03 Boiling Water Resistance	NEMA LD3 200 3.5	No Effect
04 Colorfastness	ANZI Z124.6.5.1	Pass
05 Compression Strength (Dry)	ASTM C 170	209 mg
05 Compression Strength (Wet)	ASTM C 170	203 mg
06 Density	KSF 2530	2.465 g/cm <sup>3</sup>
07 Deflection Temperature Under Load (1.8 MPa)	ASTM D 648	243 °C
08 Flammability - Flame Spread	ASTM E-84, NFPA 255	Class A
08 Flammability - Smoke Developed	ASTM E-84, NFPA 255	Class A
09 Flexural Modules	ASTM D 790	39.7 GPa
09 Flexural Strength	ASTM D 790	42.4 MPa
10 Freeze & Thaw Cycling	ASTM C 1026	Unaffected
11 Fungal & Bacterial Resistance	ASTM G 21	No Growth
12 Barcol Hardness	ASTM D 2583	86
13 Rockwell Hardness (HRM)	ASTM D 785 (Procedure A)	115
14 Point Impact	ANSI Z124.6.4.2.1	Pass
15 Slip Resistance - Static Coefficient of Friction (Dry)	ASTM C 1028	0.67
15 Slip Resistance - Static Coefficient of Friction (Wet)	ASTM C 1028	0.49
16 Stain Resistance	ANSI Z124.6.5.2	Pass
17 Tensile Strength	ASTM D 638	17.8 MPa
18 Thermal Expansion	ASTM D 696	1.52 X 10 <sup>-5</sup> in/in/°C
19 Water Absorption -Long-term & Short-term	ASTM D 570 (24hr. Immersion)	← 0.011%
20 Wear and Cleanability	ANSI Z124.6.5.3	Pass

\* This technical information is designed to provide support in fabrication, installation, and/or to insure performance of HanStone Quartz. The information is based on the technical data which Hyundai Surfaces believes to be reliable and is intended for person or persons having knowledge of this technical area. None of the contents, including but not limited to the instructions, recommendations, graphics, techniques, and guidelines should be understood as implying of legal, warranty, or any type of liability by Hyundai Surfaces and its affiliates.

# HanStone Quartz

Kindred Nuovo MO627



## Applications / Advantages

HanStone® Quartz

- ☑ Applications
- ☑ Advantages
- ☑ Care/Maintenance

## Applications / Advantages

### Applications

#### Residential Uses



- Kitchen** - Countertops  
- Islands
- Bath** - Vanity tops  
- Shower Stalls and Shower Surrounds
- Other** - Table Tops  
- Fireplace Surrounds  
- Window Sills  
- Wall Coverings  
- Dry Bar

#### Commercial Uses



- Healthcare Facilities, Restaurants**
- Conference Tables
- Reception and Desktops
- Lobby/Interior Walls
- Food Preparation Areas
- Laboratories
- Flooring and Inlays

### Advantages

HANSTONE QUARTZ SURFACES HANDLE LIFE BEAUTIFULLY



#### NONPOROUS

Many interior surfaces harbor unwanted microorganisms. With routine cleaning, HanStone's nonporous surfaces inherently will not harbor or promote bacteria, mold, or mildew growth.



#### SCRATCH RESISTANT

Composed mostly of natural quartz that registers 7 on Mohs hardness scale (diamonds are 10), HanStone Quartz surfaces are exceptionally scratch resistant. However, no surface is 100% scratch-proof, so cutting or dragging heavy, sharp objects directly on the surface should be avoided.



#### STAIN RESISTANT

Unlike granite and marble countertops, HanStone Quartz surfaces are nonporous, impermeable to liquids, and highly resistant to stains from common culprits like wine, coffee, ketchup, vinegar, and makeup.



#### HEAT RESISTANT

Made of one of nature's most heat resistant materials, HanStone Quartz surfaces are highly resistant to high temperatures. To avoid thermal shock, do not place searing hot objects directly on the surface.



#### ETCH RESISTANT

A sliced lime can be devastating to many natural stone surfaces. Not so for HanStone Quartz, which is designed to handle foods and common household cleaners known to etch surfaces.



#### EASY TO MAINTAIN

HanStone Quartz surfaces require no sealant, waxes, coatings, or routine polishing. Clean with a damp cloth, mild liquid detergents, or non-abrasive non-bleach cleansers. Wipe dry to avoid water streaking or surface haze.



#### DURABLE

Designed to handle life's normal wear and tear, HanStone Quartz is composed of natural hard quartz crystals to produce one of the most durable surfacing materials on today's market.



#### ECO-FRIENDLY

HanStone Quartz offers categories for LEED points and is GREENGUARD Indoor Air Quality and GREENGUARD Children & School certified. Our North American plant recycles 100% manufacturer wastewater, repurposes solid waste, conserves energy, and uses advanced air purification systems.

### What are the advantages of HanStone Quartz vs. other surfaces available?

	HanStone Quartz	Solid Surface	Granite	Tile	Laminate
Stain Resistant	✓	✓			
Scratch Resistant	✓	✓	✓	✓	
Mold & Mildew Resistant	✓	✓			
Chip & Crack Resistant	✓	✓			
Heat & Burn Resistant	✓		✓	✓	
Resistant to Chemicals, Acids and Solvents	✓		✓		

### Care/Maintenance

HanStone Quartz is easy to maintain. It is a non-porous material that is highly resistant to stain, scratches and heat. However, it is not stain, scratch, or heat proof. Following the proper care and maintenance recommended by your professional HanStone Quartz distributor or installer, to keep the HanStone Quartz surface beautiful for many years.

#### Routine Care & Maintenance

Simply clean with soap and water on a regular basis to keep the lustrous gloss and radiant sheen. Use warm water and a damp cloth with a small amount of non-abrasive cleaner that does not contain bleach. Although HanStone Quartz is resistant to stain, spills should be cleaned as soon as possible. Liquid spills and stains from fruits, vegetables, or other foods should be wiped up and cleaned with soap and water.

#### Preventing Damages

##### Heat

HanStone Quartz is designed to be resistant to heat and can withstand exposure to normal cooking environment for brief periods of time without being damaged. Although HanStone Quartz withstands heat better than most surfacing materials on the market, all surfacing materials, including stone, can be damaged by extreme temperature changes, whether prolonged or sudden. Trivets should be used when placing hot skillets, pans, pots or other heat generating kitchenware on the surface.

##### Scratches

HanStone Quartz's durable surface is designed to withstand normal use. While it is highly resistant to scratches, cuts, and chipping, cutting directly on the quartz surface should be avoided.

##### Chemical

Avoid exposing HanStone Quartz to any strong chemicals and solvents. It is important to note that some of these chemicals and solvents can be found in household items like paint removers, paint and stain strippers that contain trichlorethane or methylene chloride, nail polish removers, bleach, furniture cleaners, oil soaps, permanent markers or inks, and chemicals with high alkaline/PH levels (oven cleaners, drain openers, etc.). Avoid using cleaning products that contain oils, powders or abrasives.

Although long-term or frequent exposure must be avoided at all times, the following products may be used with short-term exposure (removing and rinsing immediately after application with water) to clean difficult stains or residues. Always handle such cleaning agents with care and rinse the applied surface with water completely afterwards.

**Recommended cleaners:**

- Simple Green
- 10x Stone Polish
- Magic Eraser by Mr. Clean
- Soap and Water
- Rock Doctor cleaner

\*\* All products must have all excess removed immediately after application with water and cloth. Prolonged exposure may ruin the surface of the slab.\*\*

**Chemicals to Avoid**

The below list of chemicals should be avoided with HanStone Quartz; however, the below list is not a complete list, and there may be other chemicals not listed here that may damage HanStone Quartz. The effect of any chemical usage on HanStone Quartz is ultimately dependent on the type of chemical, the length of exposure, and the degree of concentration.

- Oil soaps, bluing agents, dyes, stains, paint thinner or strippers.
- Solvents such as acetone, nail polish, lacquer thinner, or bleach (short-term exposure is acceptable for purpose of cleaning difficult stains-based on removing and rinsing applied area within 5 minutes).
- Chlorinated solvents such as trichloroethylene or methylene chloride
- Benzene, toluene, methyl ethyl ketone
- Concentrated acids such as hydrocyanic acid, hydrofluoric acid, hydrochloric acid, sulfuric acid, nitric acid.
- Chemicals with high alkaline/PH levels (pH → 10)

\*\* If any of the substance listed come into contact with HanStone Quartz, rinse with plenty of water and follow routine cleaning procedures immediately.

**Removing Difficult Spills**

On stubborn or dried spills where routine cleaning procedures do not work, use a non-abrasive cleaning pad along with the following recommended cleaners:

If gum, nail polish, paint, or other substances are accidentally allowed to adhere to the surface, they can be removed with the use of a plastic scraper or putty knife to gently scrape off the substance and by following routine cleaning procedures.

**Color Index**

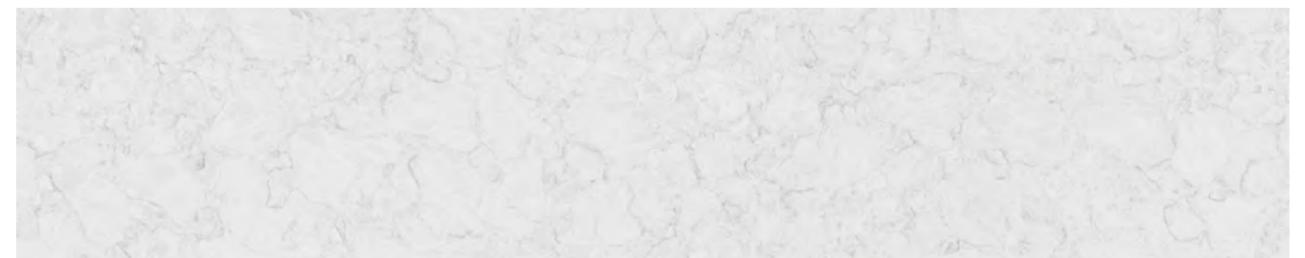
The beauty of marble, the strength of quartz. Our Superamento Collection warmly recalls the natural world with soft veining and rich undertones that are irresistibly classic. Glossy, wispy and sophisticated, the unique patterns and colors in this marble-inspired line are ideal for any workspace or kitchen.



Tranquility RU613



Shangrila ON783



Mooca GV782



Strato CA701



Meteor SU750

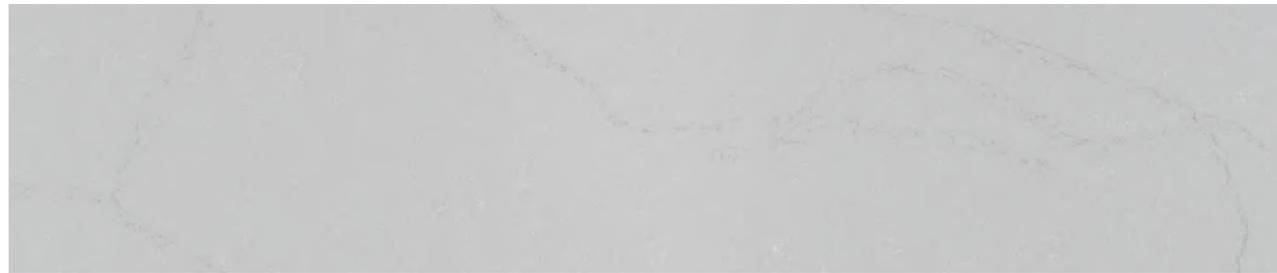
## Color Index



Campina SU751



Atlantic Grey GV781



Cotton Grey SU754



Winter Canal SU762



Ambrosial Canal SU765



Kindred Canal SU766



Kindred Nuovo MO627



Ambrosial Nuovo MO626

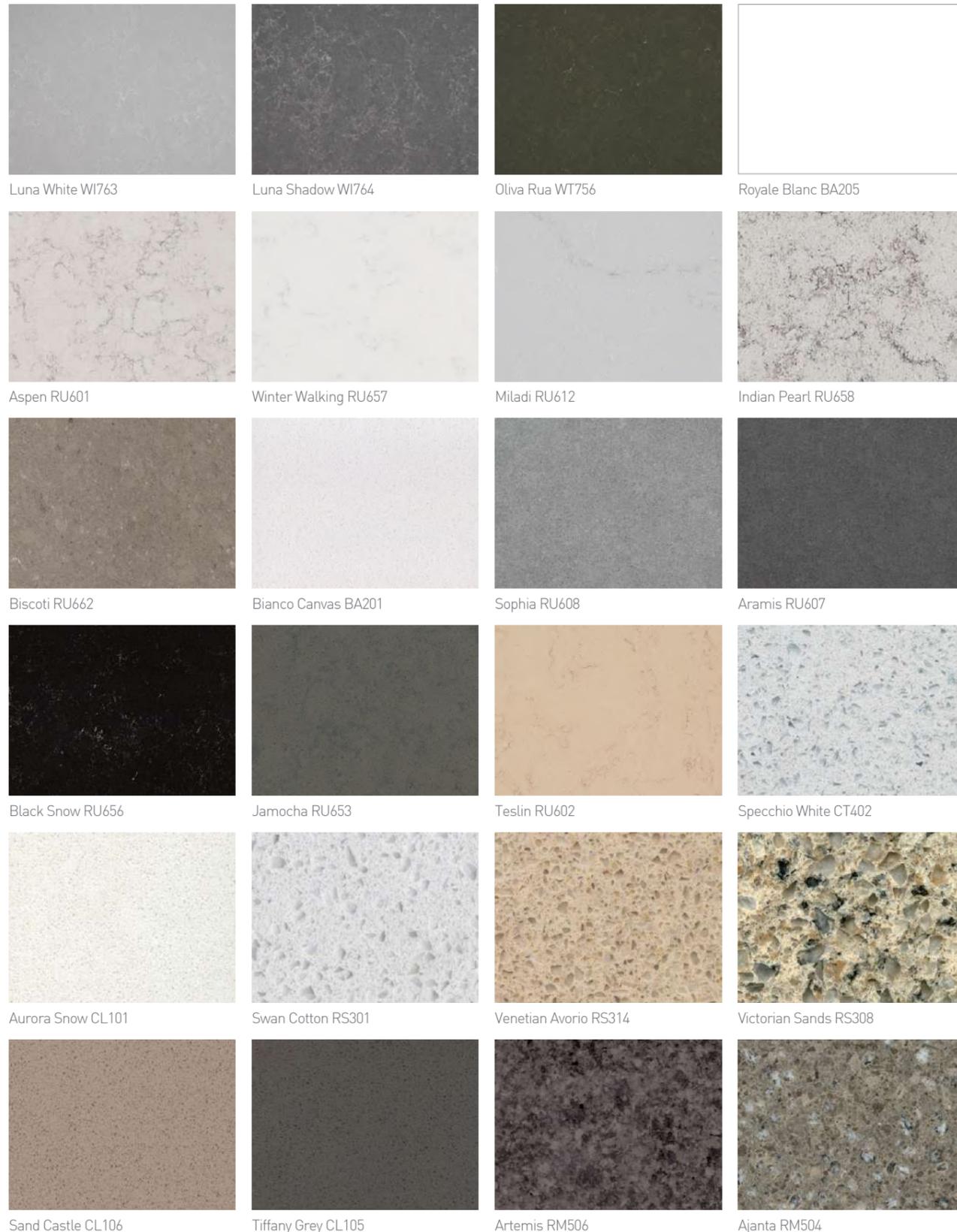


Grey Charcoal WI759



Wild Umber WI760

## Color Index



\*Colors may vary from actual production

## HanStone® Global Network



### | Korea |

Country	Korea
Type	Headquarter & Manufacturing Plant
Country	Seoul, Korea
Address	13F, East Central Tower, 1077, Cheonho-daero, Gangdong-gu, Seoul, 05340, Korea
Telephone	82. 2. 6364. 7490
Website	<a href="http://www.hyundailnc.com/">http://www.hyundailnc.com/</a>

### | China |

Country	China
Type	Sales Corporation
Country	Shanghai, China
Address	Room 603, Mixc Mall A, Wuzhong Road 1799, MinHang District, Shanghai, China
Telephone	86. 21. 3252. 2291
Website	<a href="http://www.hyundailnc.cn/">http://www.hyundailnc.cn/</a>

### | Europe, Germany |

Country	Europe, Germany
Type	Sales Corporation
Country	Eschborn, Germany
Address	Dusseldorfer Str. 13, 65760, Eschborn, Germany
Telephone	49. 619. 6586. 9010
Website	<a href="https://hyundailnc.eu/">https://hyundailnc.eu/</a>

### | India |

Country	India
Type	Liaison Office
Country	Haryana, India
Address	Unit No. 1303, 13th Floor, JMD Regent Square Building, MG Road, Gurugram - 122001, Haryana, India
Telephone	91. 96679. 21158

### | Canada |

Country	Canada
Type	Sales Corporation & Manufacturing Plant
Country	London, ON, Canada
Address	2860 Innovation Drive, London, Ontario, N6M 0C5, Canada
Telephone	1. 519. 951. 3154
Website	<a href="https://hanstone.ca/">https://hanstone.ca/</a>

### | USA |

Country	USA
Type	Sales Corporation
Country	Atlanta, GA, USA
Address	2839 Paces Ferry Road, Suite 1100, Atlanta, GA, 30339, USA
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# HanStone® Quartz



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