



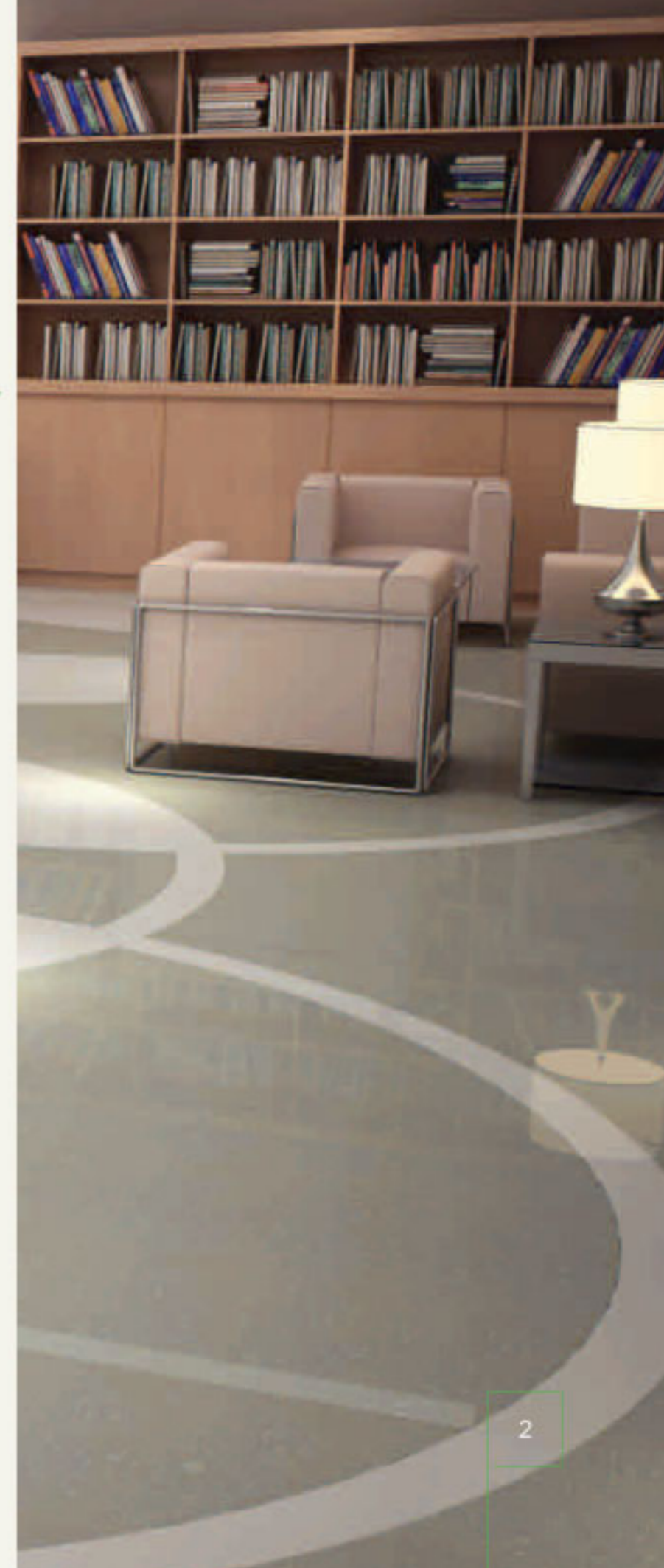
THE GIANT OF HOME STYLING. WITH AN EDGE.

ABOUT H & R JOHNSON

Established in 1958, H & R Johnson (India) is the pioneer of ceramic tiles in India. Over the past five decades, the company has always strived to expand its horizons and remain ahead of its time. True to this spirit, H & R Johnson has added various product categories to its portfolio through the years. These include end-to-end solutions in tiles, engineered marble & quartz, sanitaryware, bath fittings, wellness products, modular kitchens, wooden flooring and even, wallpapers. Ensuring that the company fulfills all its customers' home styling needs. And giving H & R Johnson the reputed position of being India's only integrated lifestyles solutions company.

The scale of H & R Johnson is massive from every aspect - manufacturing capacities, product ranges, turnovers and revenues. Along with its joint ventures and subsidiaries, the company has a capacity of over 54 million m² per annum. This is spread across its manufacturing plants all over the country. To add to this magnitude, H & R Johnson also boasts of the largest pan-India distribution network in this industry. This consists of over 1,000 dealers, 10,000 sub-dealers, 49 branches, 25 House of Johnson showrooms and innumerable franchisees.

With unparalleled numbers, products, innovations and services to its name, today H & R Johnson has risen to be the most preferred home styling solutions brand in India.





INSPIRED BY NATURE'S BEAUTY.
STRENGTHENED BY OUR SCIENCE.

ABOUT JOHNSON MARBLE & QUARTZ

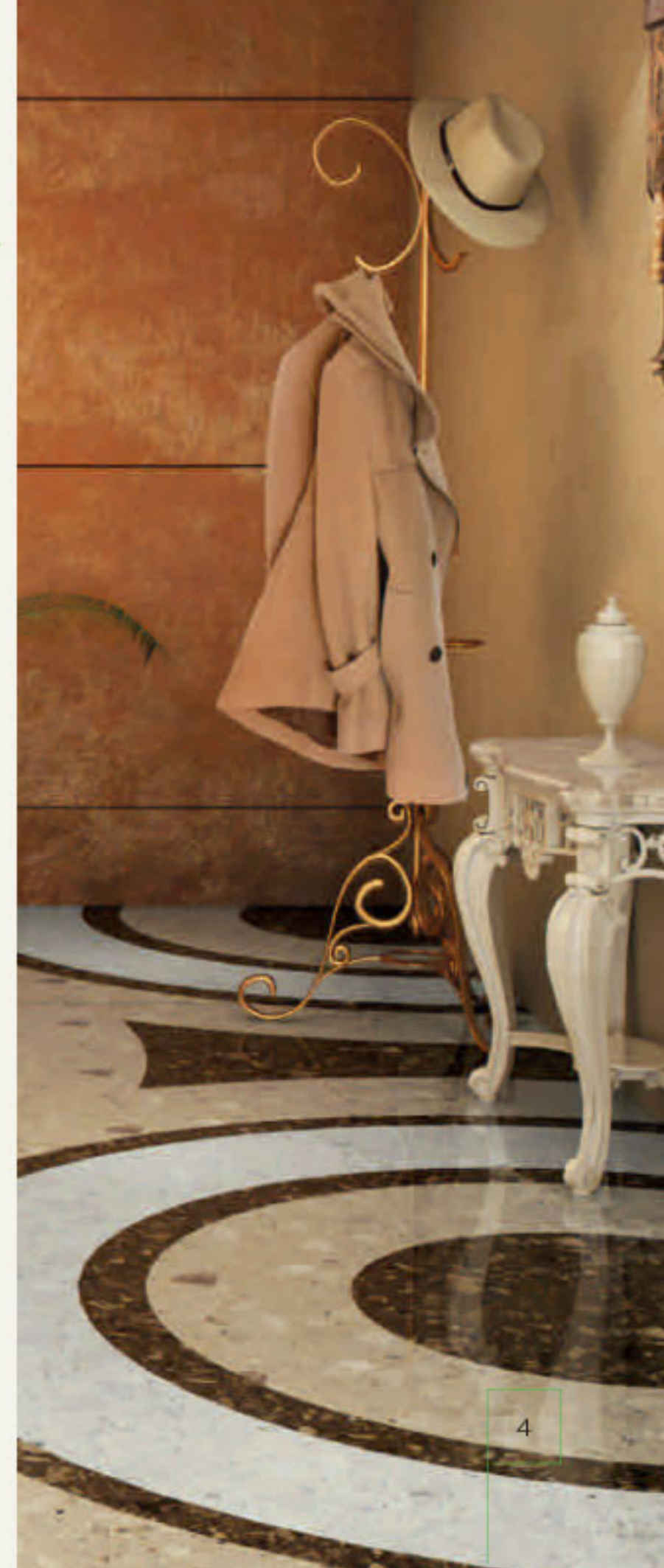
Innovation has always run in the veins of H & R Johnson. A determination to push the boundaries, challenge the ordinary and exceed expectations. And it has given birth to one of Johnson's most revolutionary products - Engineered Marble & Quartz.

A result of innovative product designs and development initiatives, Johnson's engineered stone products combine the ethereal beauty of natural stone with technologically reinforced strength. This product range retains the best aspects of nature, while tackling all of its disadvantages and removing its flaws.

Johnson Engineered Marble & Quartz products are non-porous and homogeneous. Supplied in slabs, tiles and special formats, they are suitable for virtually any interior application. These include application on floors, wall and pillar cladding, countertops, vanity tops, stair treads and risers. With their amazing blend of beauty and durability, Johnson's engineered stone products are undisputedly one of the most versatile and practical building materials.

And the innovation doesn't stop there. Johnson's engineered stones are also eco-friendly, as they are made from the byproducts generated by natural marble quarries and other pre-consumer recycled contents like glass and mirrors. As a result, they help conserve energy and resources, reduce pressure on landfill space, and preserve and sustain precious natural resources. All these facets have made this the most preferred product for earning the highest LEED credits.

Johnson's Engineered Marble & Quartz is a product offering like no other. Beautiful, durable and recycled, this is truly nature redefined.





MANUFACTURING NATURE'S WONDERS, SCIENTIFICALLY.

THE CREATION

ENGINEERED MARBLE

- Johnson's Engineered Marble is a mixture or an agglomerate of crushed natural minerals like calcite/dolomite and polyester resin sourced from Ashland Inc. which is headquartered in Kentucky, U.S.A.
- A mixture of approximately 93% of natural minerals and 7% polyester resin is pressed into blocks using a unique vibro-compression vacuum process.
- After a setting time of approximately 6-7 days, the block is cut into slabs using a gang-saw.
- The slabs are manufactured in a size of 10ft x 4ft to enable fabrication that suits applications like flooring, pillar and wall cladding, window sills, door jambs, steps and risers.
- Marble slabs are available in standard thicknesses of 16mm and 18mm. In addition to this, customized slabs with a thickness of 12mm/20mm/30mm are also provided for bulk requirements.

ENGINEERED QUARTZ

- Johnson's Engineered Quartz is a highly dense product and very close to natural granite.
- A mixture of approximately 93% quartz and 7% polyester resin is pressed into slabs using a unique vibro-compression vacuum process.
- Other materials like glass, mirrors, metals and shells may be added depending on design requirements.
- These are directly manufactured in the form of slabs with dimensions of 10ft x 4.76ft
- After a curing time of 2.45 hours, the slabs are calibrated and polished.
- The quartz slabs are available in standard thicknesses of 12mm, 15mm and 18mm. In addition to this, customized slabs with a thickness of 20mm/30mm are also provided for bulk requirements.





THE PLACE WHERE THESE IDEAS BECOME A REALITY.

THE PLANT

Johnson's Engineered Marble & Quartz is manufactured in a state-of-the-art plant located near Rajkot, Gujarat. This has an annual capacity of over 7 million sq. ft. in marble and 1.5 million sq. ft. in quartz.

The plant commenced operations in 2012 and has grown exponentially since then.

The manufacturing facility is spread over 11 acres, which also includes a captive crushing plant for better product consistency.

This plant has the capacity to store over 600 blocks of marble, ensuring an uninterrupted material supply to project and trade partners.

Individual finishing and polishing lines are provided for marble and quartz slabs.

This unit is equipped with a high-tech, futuristic research and development laboratory. Here, skilled professionals manage new product developments and supervise production control.

After being manufactured, every slab undergoes strict quality sorting conducted by the expert Quality Control (QC) team that consists of veterans from the marble and quartz industry.





EXACTLY LIKE NATURE, BUT MORE ADVANCED.

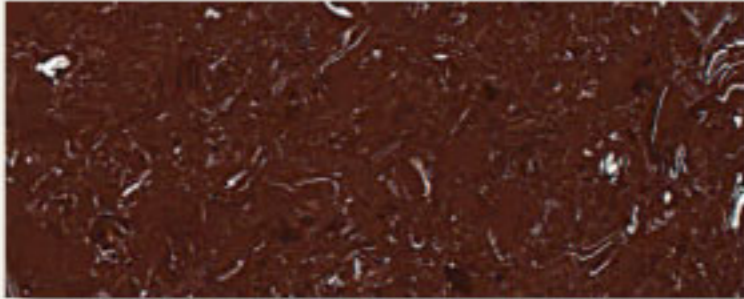
CHARACTERISTICS	JOHNSON ENGG. QUARTZ	NATURAL GRANITE	JOHNSON ENGG. MARBLE	NATURAL MARBLE
Savings through low cost of ownership	High	Low	High	Low
Resistance to water absorption	High	Moderate	Moderate	Low
Size consistency	High	Low	High	Low
Colour consistency	High	Low	High	Low
Supply consistency	High	Low	High	Low
Colour/Pattern/Texture options	High	Low	High	Moderate
Resistance to chemicals	High	Moderate	Low	Low
Hardness	High	Moderate	Moderate	Low
Resistance to impact	High	High	Moderate	Low
Resistance to stain	High	Moderate	Moderate	Low
Resistance to scratch	High	High	Moderate	Low
Ease of maintenance	High	Moderate	Moderate	Low
Resistance to microbial growth	High	Low	Moderate	Low
Repolishable	Low	High	High*	High

*Subject to conditions.



IMPRESSIONS - LIVING ROOM

ROSSO LEVANTE



GIALLO



MISSISSIPPI





IMPRESSIONS - LIVING ROOM

BARSHA PEARL





IMPRESSIONS - LOBBY

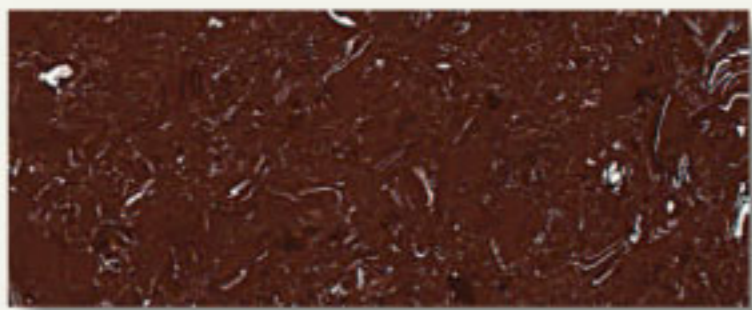
GIALLO



FRENCH BROWN



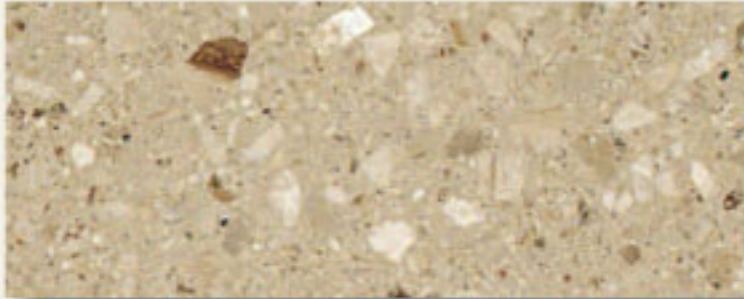
ROSSO LEVANTE





IMPRESSIONS - STAIRCASE (1)

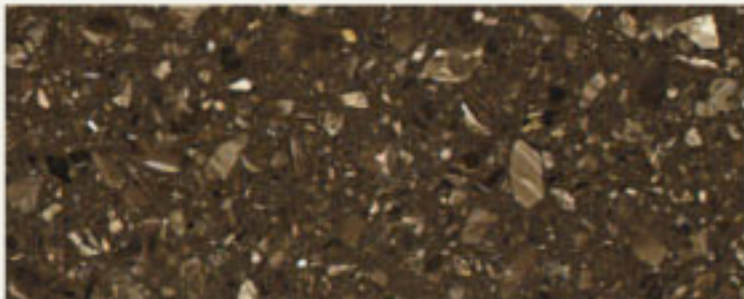
BRESCIA SICILIA



CRYSTELLO



CHOCO BROWN



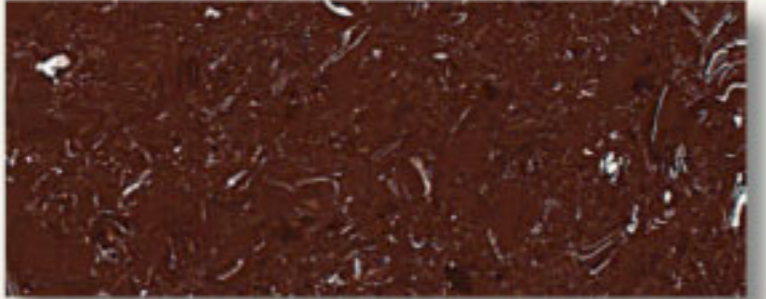


IMPRESSIONS - STAIRCASE (2)

ELEGANCE POLARIS



ROSSO LEVANTE





IMPRESSIONS - OFFICE RECEPTION

ZODIAC WHITE



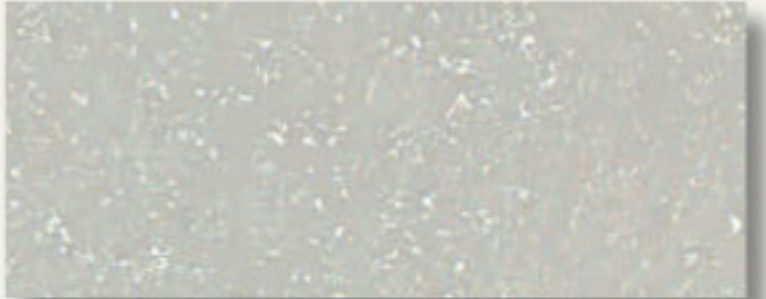
ZODIAC COSTA MAPLE





IMPRESSIONS - WORKSTATION

GREY FLURRY



REGAL WHITE



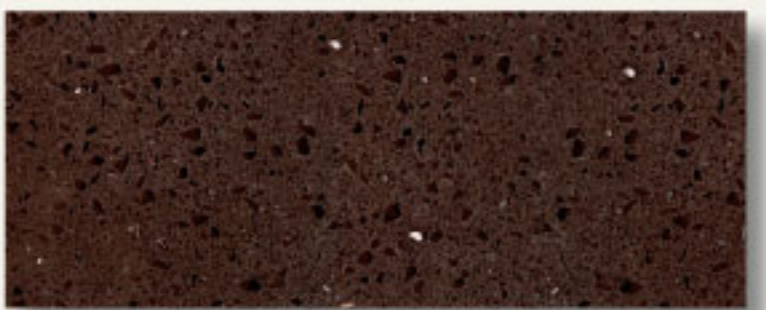


IMPRESSIONS - LIFT LOBBY

ZODIAC COSTA MAPLE



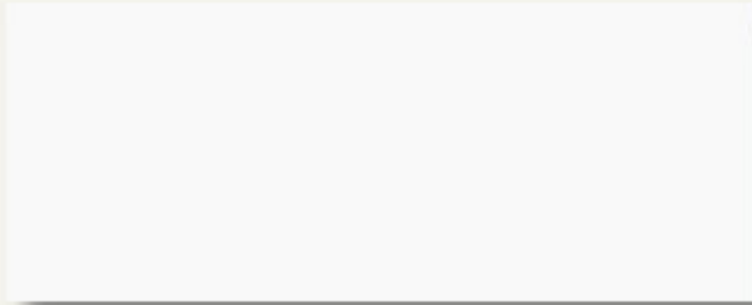
ZODIAC ANTARTICA





IMPRESSIONS - FOOD COURT

SIRIUS WHITE



STELLAR RED (HONED)



STELLAR BROWN (HONED)





IMPRESSIONS - AIRPORT

KOROVA WHITE



STELLAR GREY (HONED)



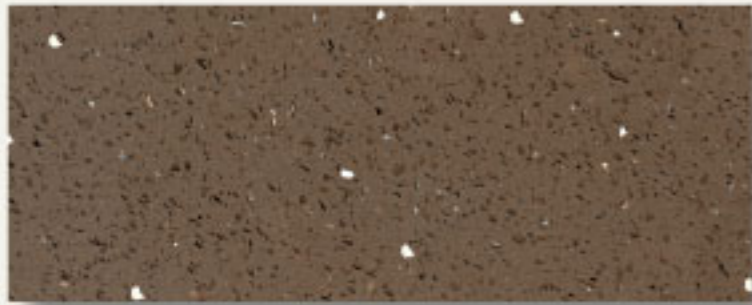
JET BLACK





IMPRESSIONS - SHOPPING MALL

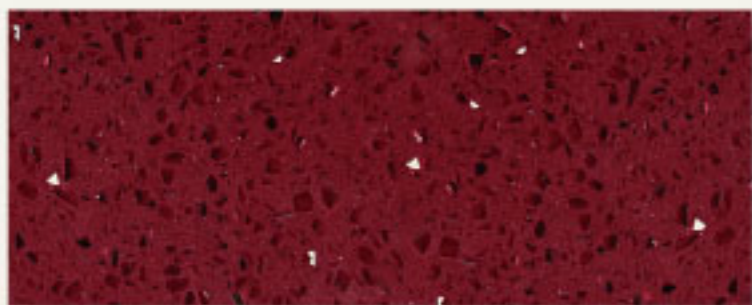
ZODIAC DARK BROWN



CRYSTELLO



ZODIAC DARK RED





IMPRESSIONS - PUBLIC WASHROOM

ELEGANCE POLARIS



FRENCH BROWN



JET BLACK





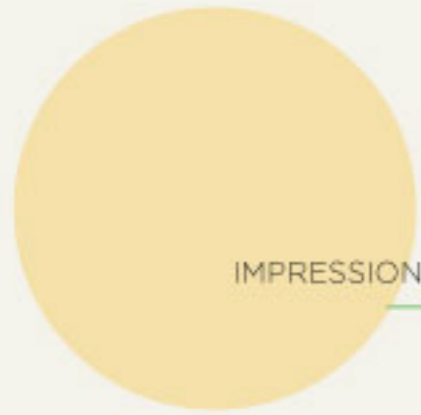
IMPRESSIONS - BATHROOM (1)

IMPERIAL BEIGE



ICED WHITE



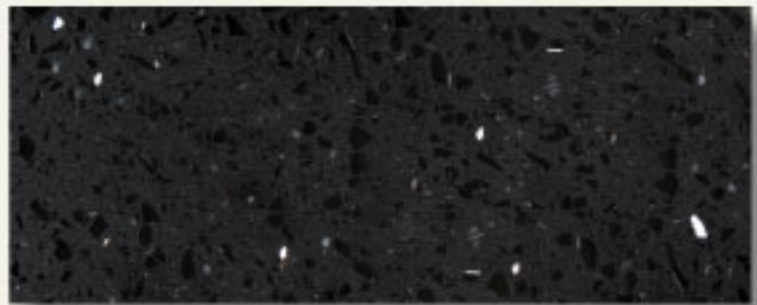


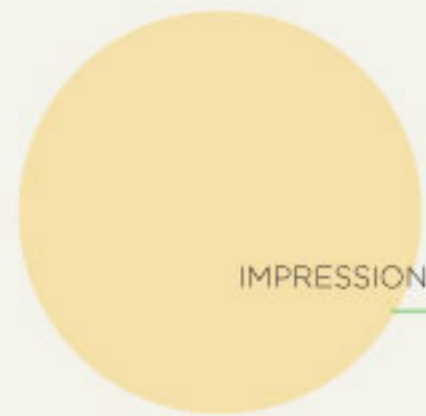
IMPRESSIONS - BATHROOM (2)

RIO WHITE



ZODIAC BLACK





IMPRESSIONS - BATHROOM (3)

BRESCIA SICILIA



FRENCH BROWN



ELEGANCE ALASKA



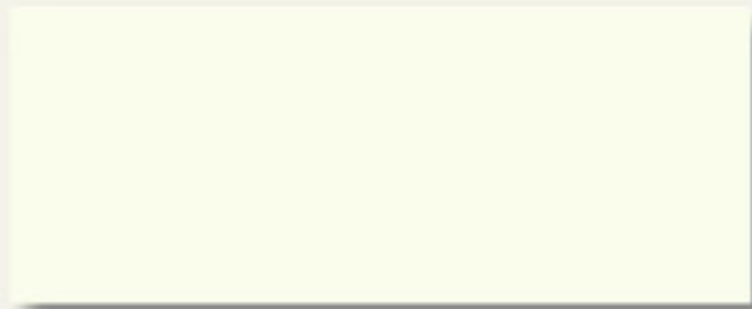


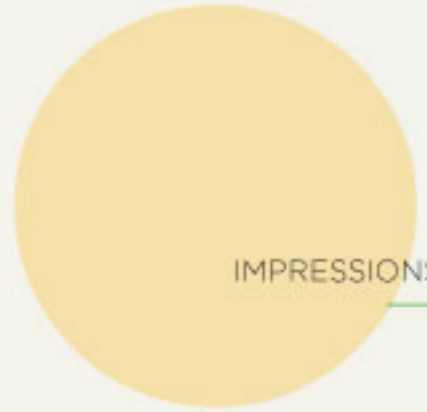
IMPRESSIONS - BATHROOM (4)

IMPERIAL BEIGE



ELEGANCE ARCTIC





IMPRESSIONS - BATHROOM (5)

STELLAR BLUE (HONED)



SIRIUS WHITE





IMPRESSIONS - BATHROOM (6)

JAISALMER STONE



BRESCIA SICILIA





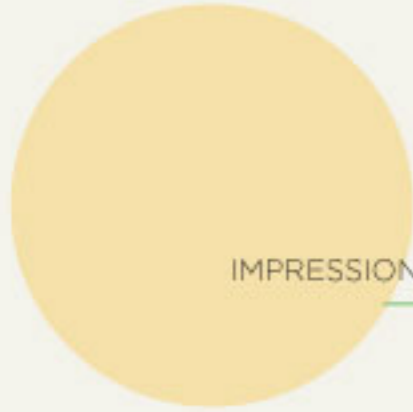
IMPRESSIONS - KITCHEN (1)

REGAL BEIGE



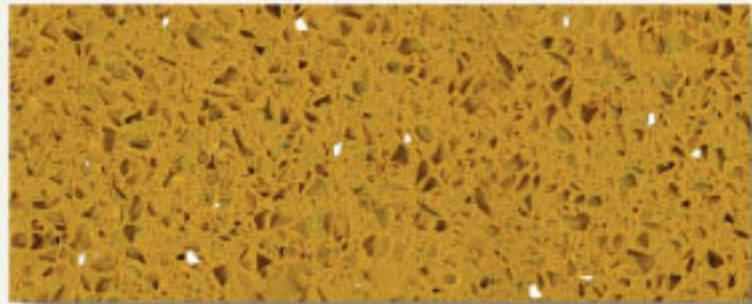
ZODIAC WHITE



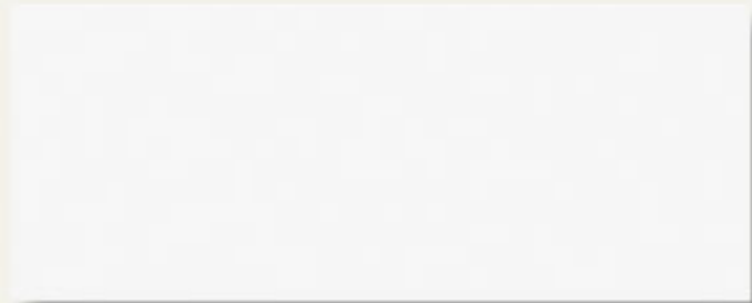


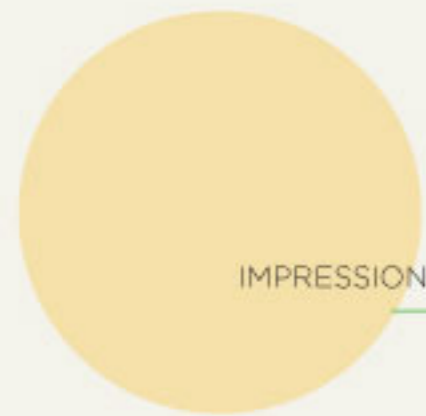
IMPRESSIONS - KITCHEN (2)

ZODIAC YELLOW



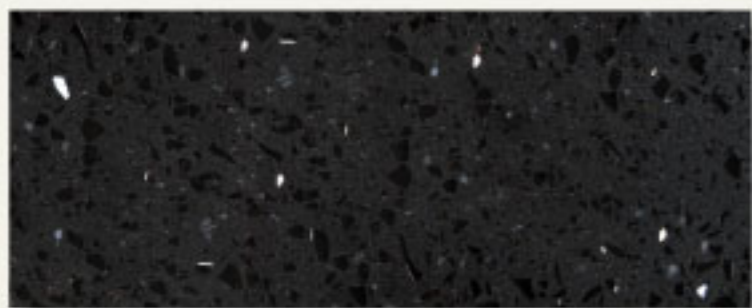
ELEGANCE WHITE



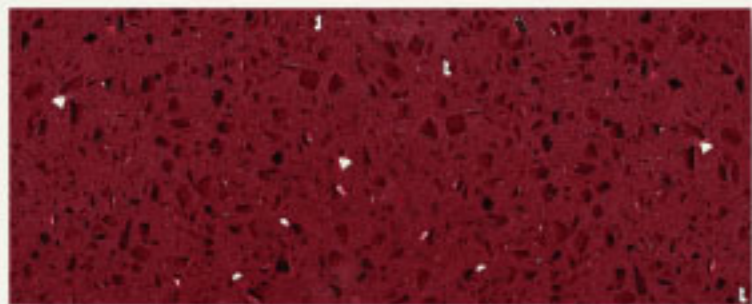


IMPRESSIONS - KITCHEN (3)

ZODIAC BLACK



ZODIAC DARK RED



STELLAR GREY (HONED)





NATURE'S BEAUTY. CRAFTED WITH PRECISION.

THE SPECIFICATIONS

CHARACTERISTICS	UNIT	MARBLE	QUARTZ
Water Absorption	%	< 0.4	< 0.085
Flexural Strength	Mpa	> 21	> 40
Hardness	Mohs	3	6 to 7
Apparent Density	kg/m ³	2200 - 2400	2400 - 2700
Abrasion Resistance	mm	16.4 - 18	> 25
Deviation in Thickness	%	(+/-) 5	(+/-) 5
Surface Flatness	%	(+/-) 5	(+/-) 5
Rectangularity	%	(+/-) 0.6	(+/-) 0.6

*Results given above are non-binding and to be used only for reference. Figures are derived from average for different products.

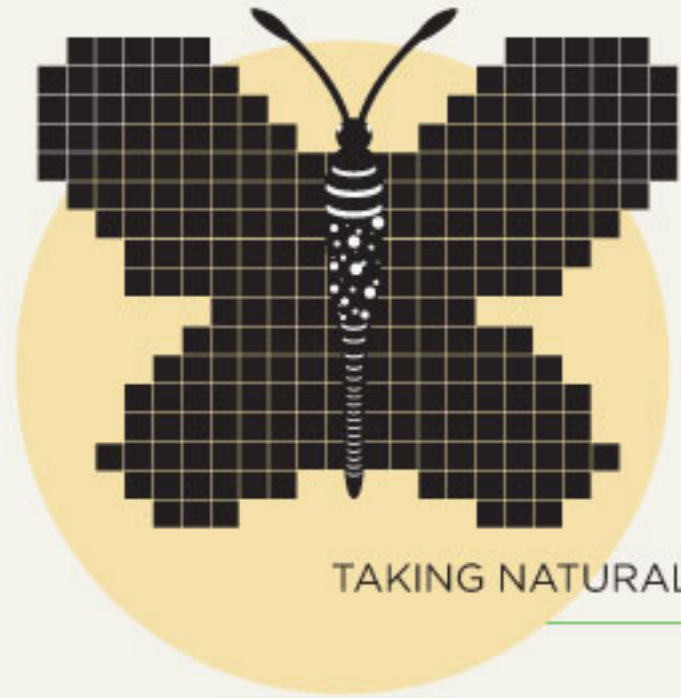
STANDARD SLAB SIZES

SLAB	STANDARD DIMENSION	STANDARD THICKNESS
Marble	3050mm x 1250mm	12mm*/16mm/18mm
Quartz	3050mm x 1450mm	12mm/15mm/18mm

*Marble slabs with 12mm thickness can be provided only for bulk orders.

SURFACE FINISHES:

Standard Finish - Polished
Optional Finish - Bush Hammered / Honed / Leather



TAKING NATURAL WONDERS TO THE NEXT LEVEL.

LATEST INNOVATIONS

Johnson Engineered Marble & Quartz is always striving to raise the bar. To achieve momentous firsts. To be proud of introducing revolutionary products in the market. And that's how it has remained a pioneer in the industry, always thinking ahead of the times.

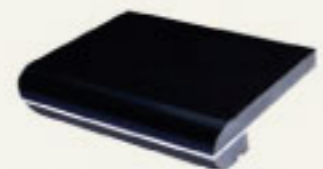




ANTI-MICROBIAL COUNTERTOPS IN QUARTZ

- These countertops come with a food grade certified anti-microbial formula.
- They incur minimal site-work and cutting losses during installation.
- Unlike natural stone, TopShield does not require sealing, polishing or reconditioning.
- Pre-fabricated and drip-free, these countertops are highly recommended for modular kitchens.
- Standard TopShield kitchen countertops are available in full bullnose as well as full bullnose with acrylic lining and spill-free edging.

STANDARD EDGE PROFILES FOR KITCHEN COUNTERTOPS



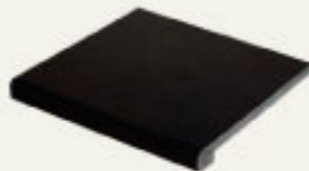
Full-Bullnose with acrylic lining



Demi Bullnose



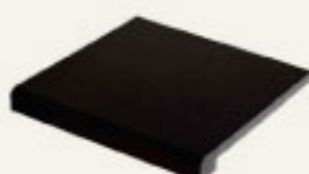
Full Bullnose



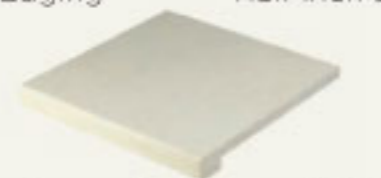
Half Inch Belvel T&B



Spill free Edging



Half Inch Belvel T



Quarter inch Round T&B



ADVANTAGES OVER OTHER SURFACES

CHARACTERISTICS	JOHNSON TOPSHIELD	GRANITE COUNTERTOP	SOLID SURFACE COUNTERTOP	LAMINATE COUNTERTOP
Special Food Grade anti-microbial formula	✓	✗	✗	✗
Scratch resistant	✓	✓	✗	✗
Stain resistant	✓	✗	✓	✓
Heat and burn resistant	✓	✓	✗	✗
Low maintenance	✓	✗	✓	✗
Non-porous	✓	✗	✓	✓
Chip and crack resistant	✓	✓	✗	✓
Mold and mildew resistant	✓	✗	✓	✓
Colour consistency	✓	✗	✓	✓
Resistant to household chemicals, acids and solvents	✓	✗	✗	✗

PEGASUS

WALL CONCEPTS IN ENGINEERED MARBLE

- Pegasus is a pre-polished and ready-to-install product.
- With anti-microbial and stain-resistant properties, this is especially designed for bathrooms.
- Being homogenous, Pegasus offers a wide range of design possibilities through artistic inlay work.
- The pre-cut, 4ftx2ft slabs give a seamless, elegant look to interiors.
- Pegasus is highly recommended for wall applications in kitchens, corridors, washrooms, changing rooms, bathrooms and shower areas in residences, hospitals and the hospitality sector.

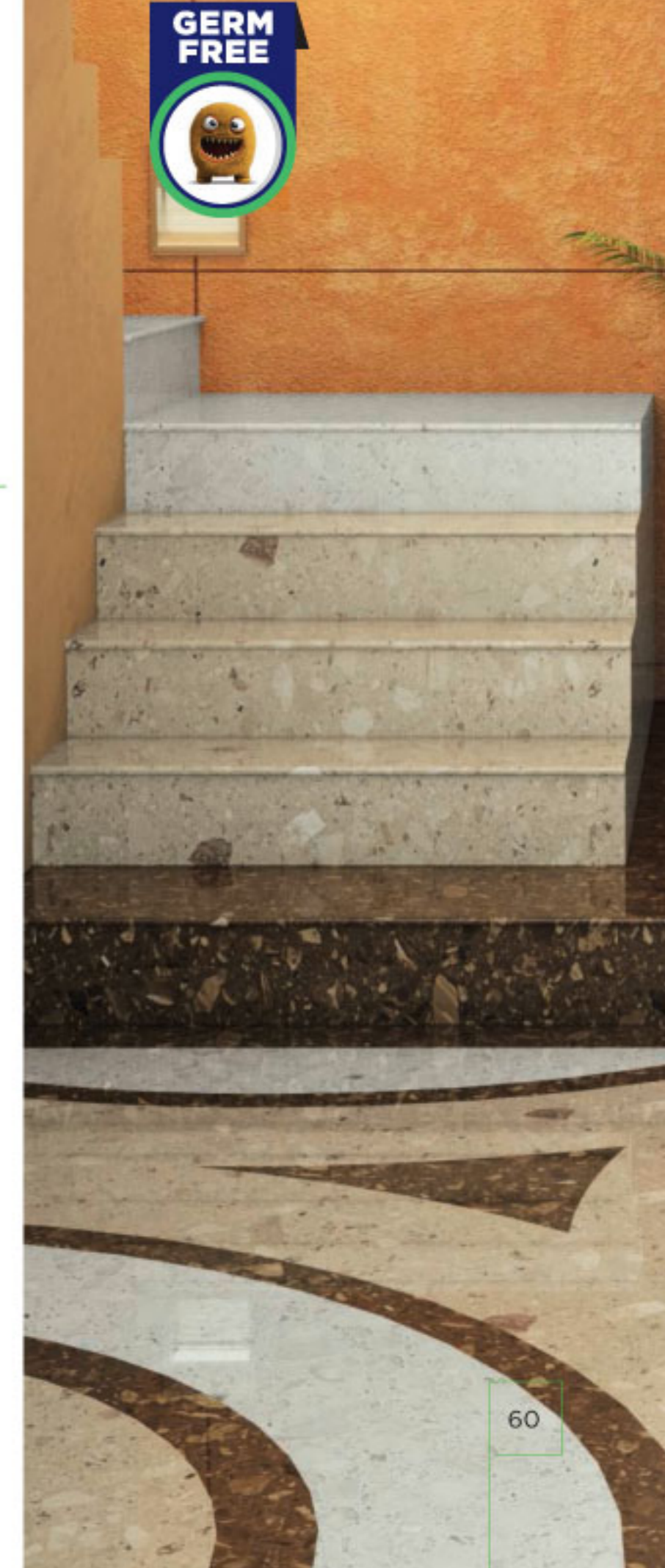


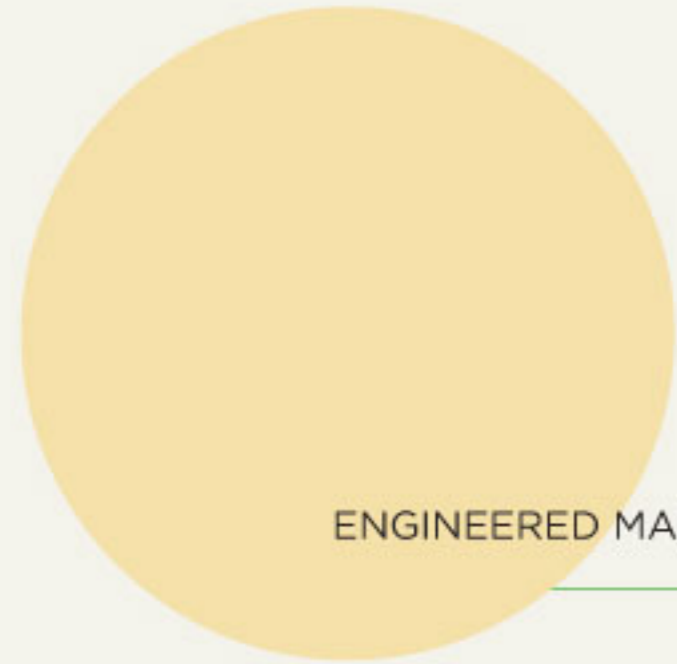
QUICKSTAIRS

STAIR TREADS & RISERS IN ENGINEERED MARBLE

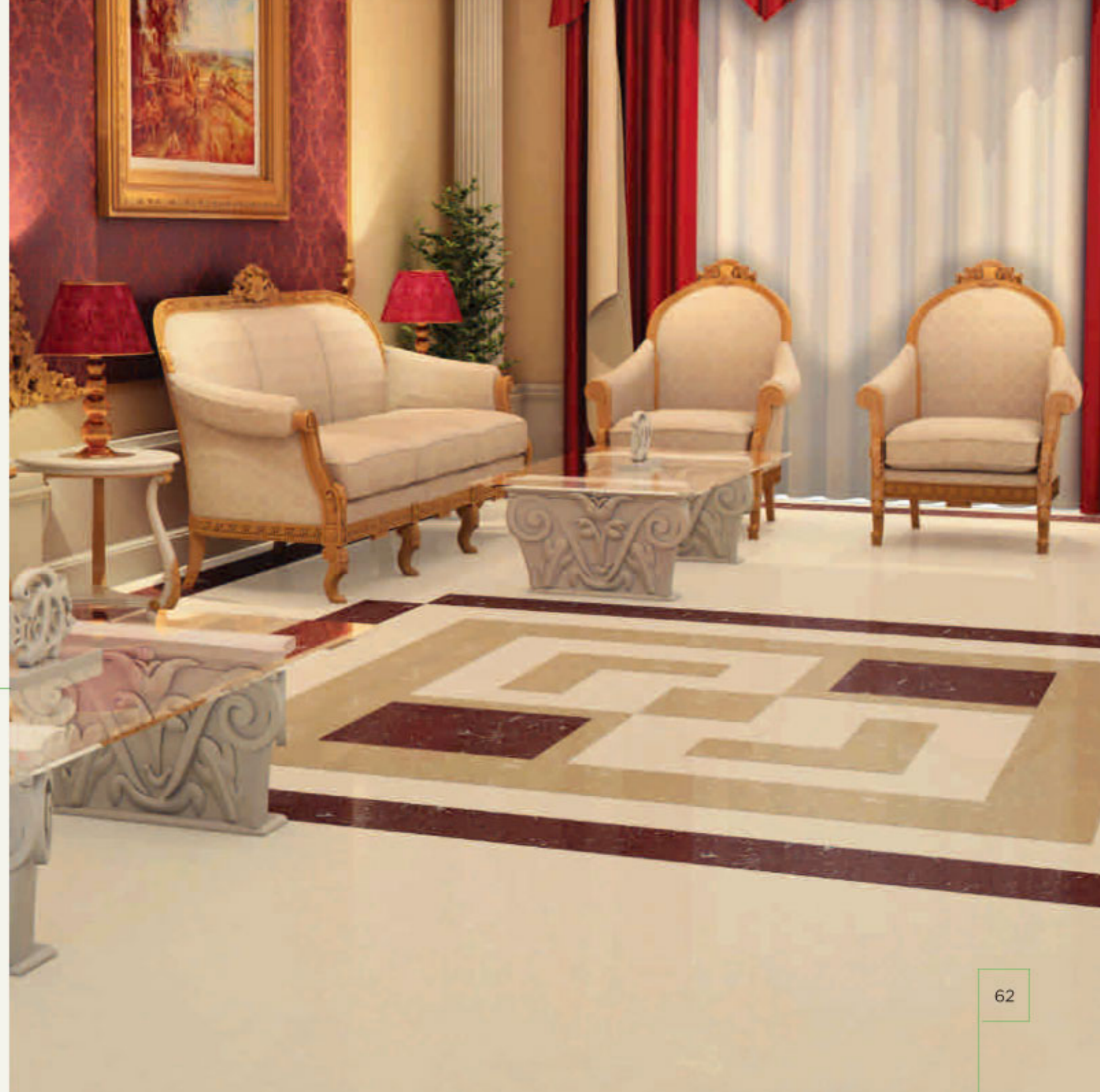
- QuickStairs are pre-fabricated, pre-polished and ready-to-install stair treads and risers in engineered marble.
- These reduce cutting losses by almost 20-25% as compared to natural stone.
- This product also reduces laying time and labour cost.
- Treads in QuickStairs are available in full bullnose edge profile on one long side.
- All these innovations are available in standard specifications or can be customized for bulk orders including anti-slip for stairs.

PRODUCT	STANDARD DIMENSION	STANDARD THICKNESS
TopShield	10ft x 28½ inch	18mm
QuickStairs	Treads: 4ft x 1ft Risers: 4ft x 0.5ft	18mm 12mm
Pegasus	4ft x 2ft	12mm



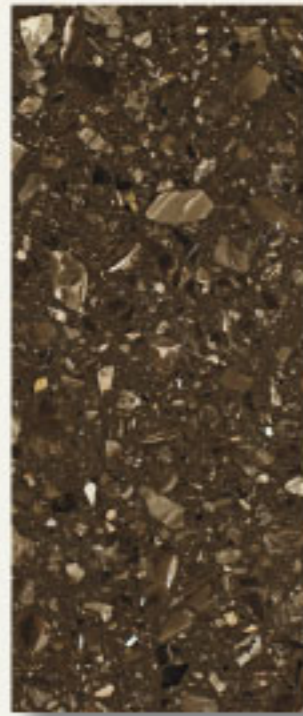


ENGINEERED MARBLE - 3050MM X 1250MM





Brescia Sicilia



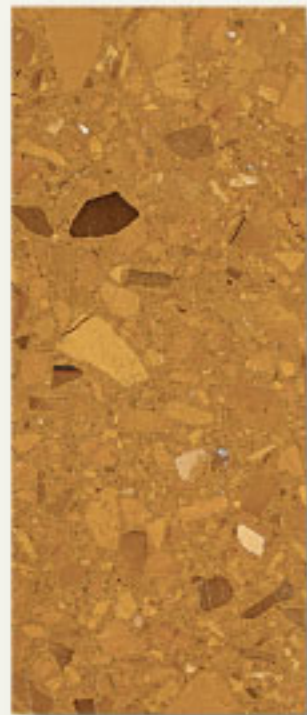
Choco Brown



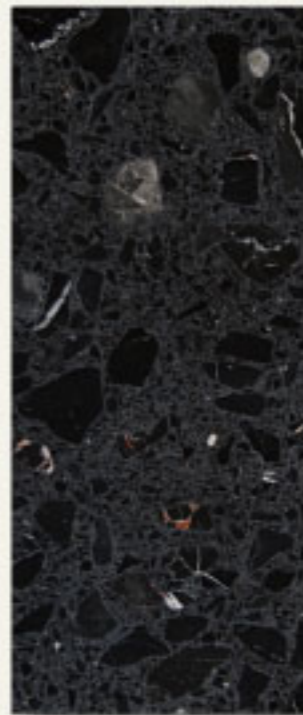
Crystello



Golden Portoro



Jaisalmer Stone



Nero Stona



Perlato Sierra



Perlato



Rosso Pistalo



Stratos Gris



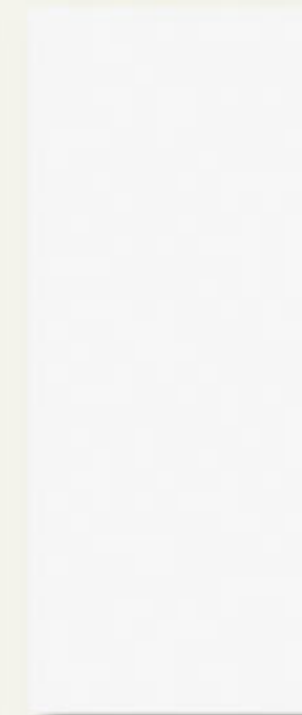
Elegance Alaska



Elegance Arctic



Elegance Polaris



Elegance White



Giallo



Moonstone Royale



Imperial White Plus



Imperial Beige



French Brown



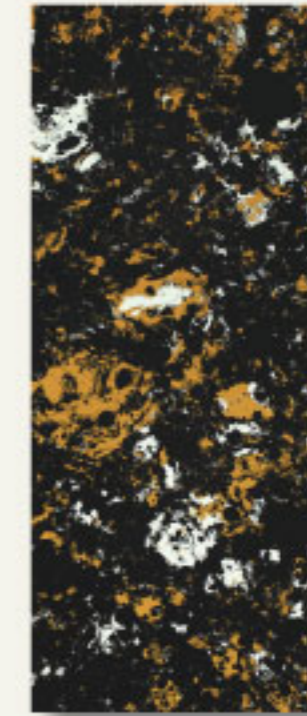
Grey Flurry



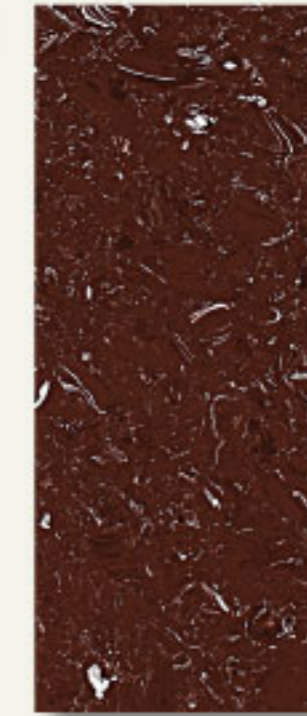
Rio White



Snow Flakes Plus



Nero Portoro



Rosso Levante



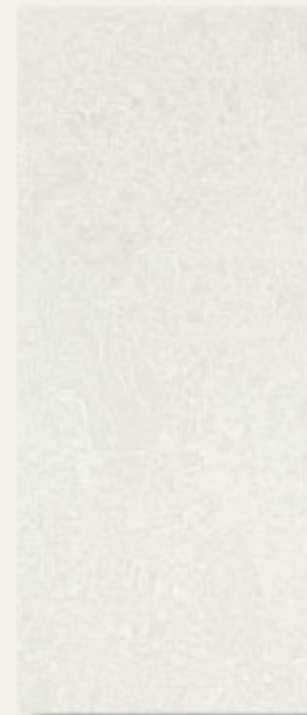
Grey William



Light Empredor



Mississippi



Nile



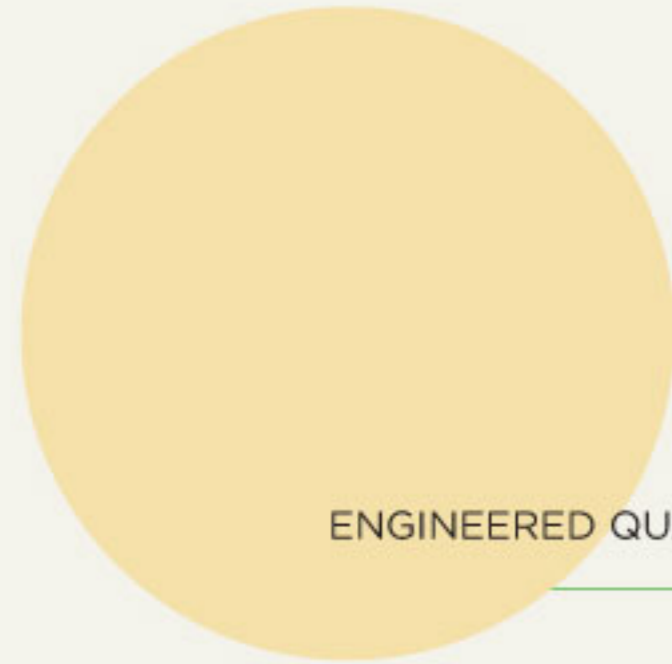
Regal Beige



Regal White



Royal Marfil



ENGINEERED QUARTZ - 3050MM X 1450MM





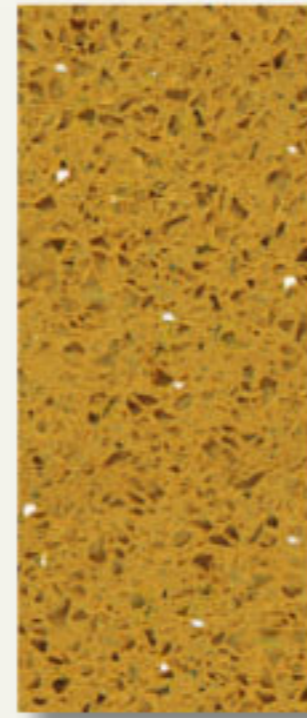
Zodiac White



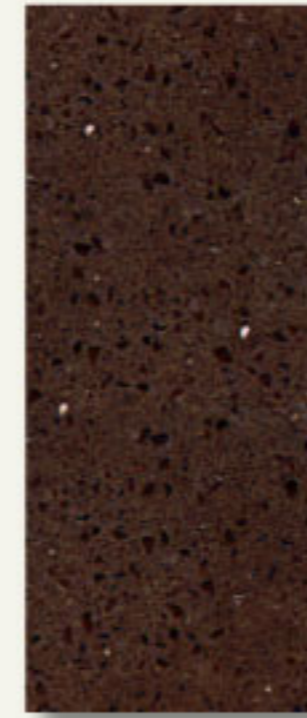
Zodiac Costa Maple



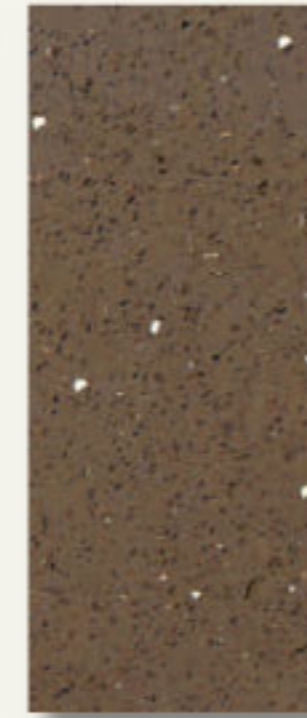
Zodiac Black



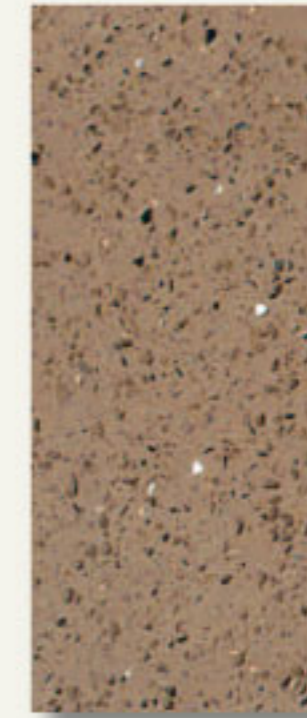
Zodiac Yellow



Zodiac Antarctica



Zodiac Dark Brown



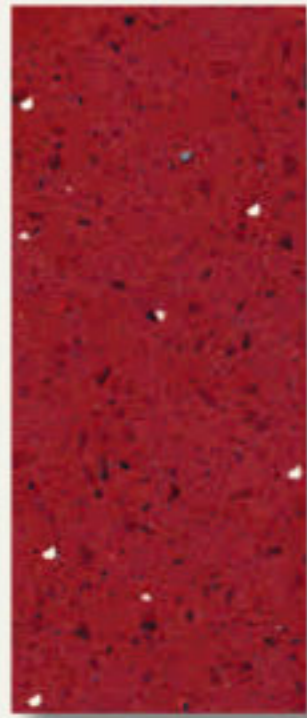
Zodiac Light Brown



Zodiac Dark Green



Zodiac Dark Red



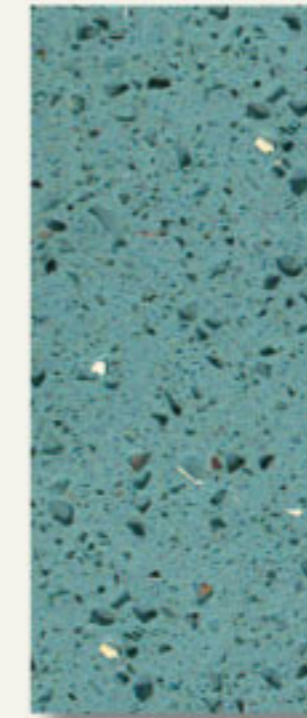
Zodiac Light Red



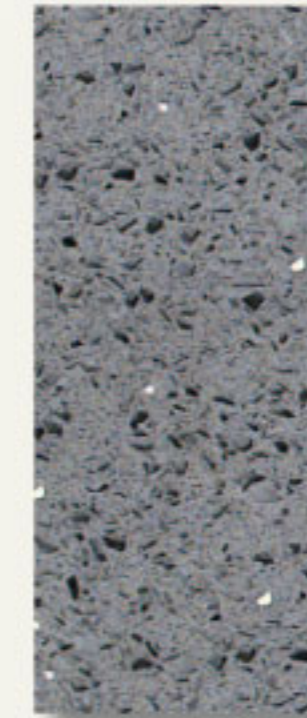
Zodiac Dark Blue



Zodiac Light Blue



Zodiac Aqua Green



Zodiac Grey



Mystic Alps White

ENGINEERED QUARTZ - 3050MM X 1450MM



Mystic Oyster White



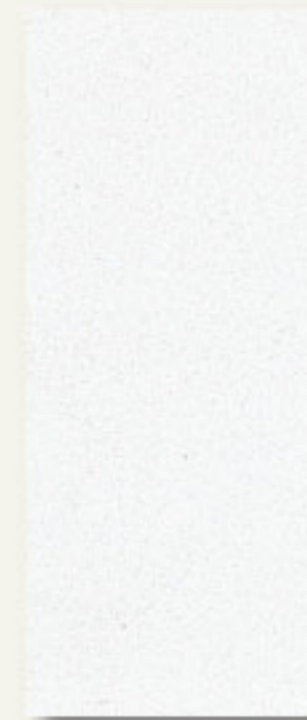
Kroma Sandstone Beige



Kroma Sandstone White



Korova White



Zurich White



Jet Black



Sirius White



Stellar Blue (HF)



Sienna Beige



Sofia Beige



Swiss White



Stellar Brown (HF)



Stellar Grey (HF)



Stellar Red (HF)

APPLICATION AREAS	ENGINEERED QUARTZ	ENGINEERED MARBLE	NATURAL GRANITE	NATURAL MARBLE	SOLID SURFACE
Flooring	✓	✓	✓	✓	✗
Wall Cladding	✓	✓	✓	✓	✓
Kitchen Countertop	✓	✗	✓	✗	✓
Transaction Tops	✓	✓	✓	✓	✓
Vanity Top	✓	✓	✓	✓	✓
Door/Window Sills	✓	✓	✓	✓	✓
Steps/Risers	✓	✓	✓	✓	✗
Partitions	✓	✓	✓	✓	✓
Tub & Shower Surrounds	✓	✓	✓	✓	✓
Exterior Applications	✗	✗	✓	✓	✗
Furniture Decoratives/Table Tops	✓	✓	✓	✓	✓
Wardrobe Shelf	✓	✓	✓	✓	✓



PRESERVING THESE INNOVATIONS.
FOR A LONGER-THAN-NATURAL LIFE.

PRECAUTIONS AND LAYING INSTRUCTIONS

AREA OF USAGE:

Johnson Marble & Quartz is meant for internal areas only. Keep the products away from direct sunlight to prevent weathering.

STORAGE:

Store Johnson Marble & Quartz slabs in a covered area to protect them from direct sunlight and weather. Even an area covered with tarpaulin will do. The slabs should rest fully against a wall. If they are kept on a stand, an 18mm backing ply board should be used so that they remain flat. Always stack slabs facing polished to polished surface, and unpolished to unpolished surface. Permanent discolouration, loss in gloss and bending of slabs is possible, if they are not stored and used as recommended here.

RECOMMENDED CUT SIZE FOR USE:

It is ideal to cut a slab of 10ft X 4ft into 3 equal pieces. If not, use it in at least 2 pieces of size 5ft x 4ft each, provided the thickness of the slab being used is 16mm or 18mm. In case the slab is 12mm thick, the maximum recommended size per piece is 2ft x 2ft.



PRECAUTIONS:

- Engineered Marble & Quartz products are recommended for interior applications only.
- Prior to installation, it is recommended that marble/quartz from several supply lots are laid on the floor under natural light to check colour consistency.
- The company does not recommend using cement/mortar/POP for installation as these have a strong alkalinity. Prolonged exposure can cause permanent discolouration and loss in gloss of the product.
- Depending on the site conditions, the equipment/methodology used, and labour skill employed, gloss levels achieved during re-polishing of engineered marble may be different as compared to a factory-finished polish.
- **The company absolves itself of any responsibility due to complaints arising from improper handling, storage, installation or usage of its products other than what it is intended for.**

LAYING INSTRUCTIONS:

i. Adhesives:

For Johnson Marble & Quartz products, it is recommended to use adhesives (Diamond Star + Admix AD-1) from Ardex Endura (India) Pvt. Ltd. or any other polymer modified adhesives meeting these specifications.

For more details on adhesives and technical assistance related to installation, please visit www.ardexendura.com or e-mail on customercare@ardexendura.com

ii. Under Tile & Stone Primer Application:

It is recommended to apply 'Under Tile & Stone Primer' from Ardex Endura (India) Pvt. Ltd. or an equivalent product on the back surface and side edges of Marble & Quartz slabs to prevent efflorescence.

SURFACE PREPARATION:

- Remove all loose particles and mortar to reach a sound surface.
- The surface should be free of dirt, dust and other contaminants.
- New screeds and plastering should be cured for a minimum of 7 days and dried completely for at least 2 weeks, or as per manufacturer's specifications.
- The surface should be plain, plumb in line without undulations.

APPLICATION OF ADHESIVE AND INSTALLATION:

- Spread the adhesive on the wall/floor surface at a thickness of 2-6mm, using a suitable steel notch trowel.
- Press the slab firmly into position with a slight twisting action and use a suitable rubber mallet for gentle tamping.
- Depending on the span, it is recommended to provide expansion joints of minimum 3-5 mm at regular intervals during the installation to facilitate thermal expansion. Spacers of suitable thickness may be used followed by the installation of flexible polyurethane sealant of Ardex Endura (India) Pvt. Ltd. or an equivalent product.
- A gap of minimum 8-10mm should be kept around the perimeter (under skirting) of laid marble/quartz flooring.
- Suitable support should be provided during the initial setting time to ensure proper adhesion to substrate.

NOTE: In all cases, please follow the instructions of usage (user manual) printed on adhesive bags.

GROUTING:

- **Do not use cement/mortar/POP for grouting as these are alkaline.** The reaction may cause patches on joints. Always use epoxy resin based grouts. Grouting can be carried out after 4-5 days of installation. The company recommends grouts from Ardex Endura (India) Pvt. Ltd. or any other equivalent epoxy resin based grouts.

CLEANING AND MAINTENANCE:

- DO use only neutral detergents for frequent or regular cleaning.
- DO clean surfaces ONLY with a neutral stone cleaner. Acetone may be used with care to remove spots or stains, if any.
- For further information on cleaners, please consult Ardex Endura (India) Pvt. Ltd.

Disclaimer: Due to print limitations and variations in natural aggregates used as raw materials, colours & patterns given in brochure are to be used only for reference. It is recommended that current physical sample along with stock availability is checked prior to placing order. Johnson Marble & Quartz reserves the right to change or modify its range of products and dimensions based on design discontinuation due to changing tastes & trends or technical & production requirements without any advance notice. Company absolves itself of any responsibility due to complaints arising from improper handling, storage, installation or usage of its products other than what it is intended for.

