

JOHNSONMARBONITE PREFERRED OVER ITALIAN MARBLE

80x300, 80x240, 120x180, 60x120, 80x80, 60x60, 40x40 CM



- JULY-2024

The marvel of modern vitrification technology, the Johnson Marbonite range is superior to its natural counterparts both aesthetically and functionally. Not only are they easier to install, but also are easier to maintain and don't need re-polishing for many years unlike natural marble. What's more the Marbonite Double Charge & Full body range comes with the Stain Free property that makes them easier to maintain and looking fresh for years.

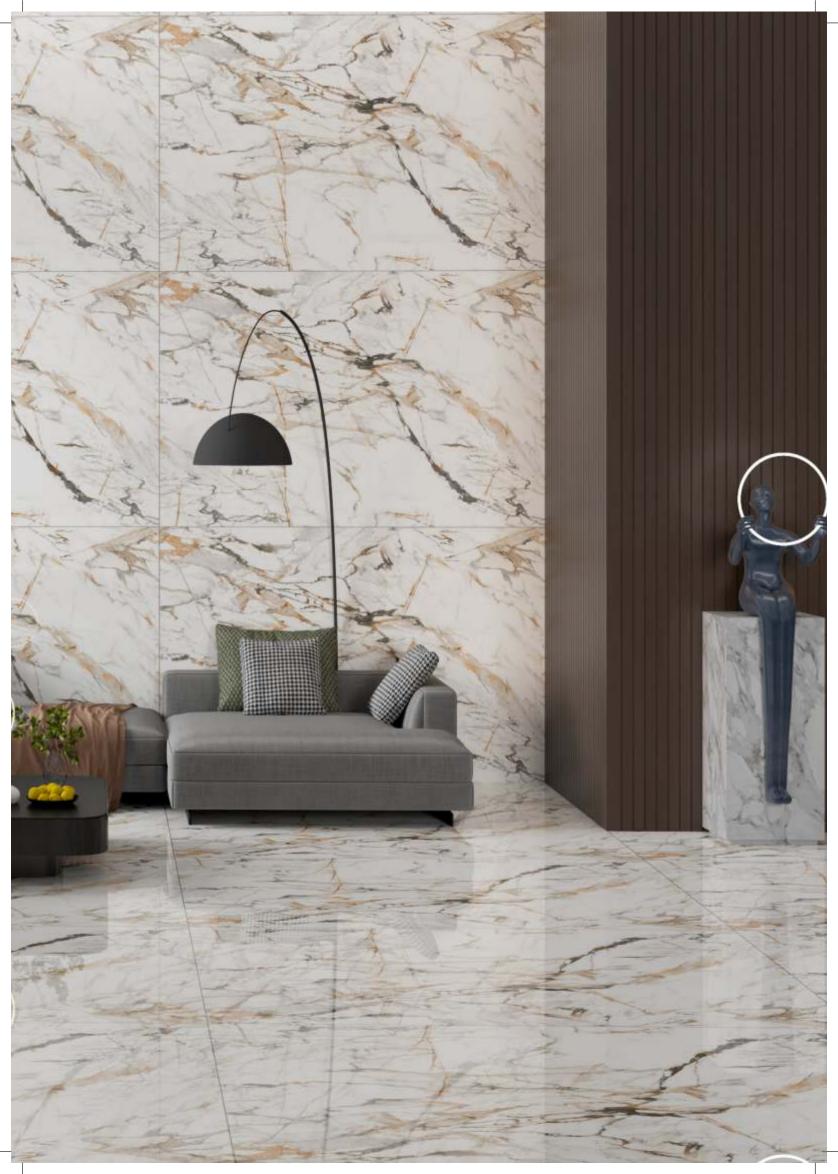
All vitrified tiles have micro pores on their surfaces. Despite continuous cleaning dirt particles can get accumulated in these pores causing stubborn stains on the surface. The Stain Free technology seals the micro pores thus limiting the chances of dirt accumulation and stains and making maintenance easier therefore. Elimination of micro pores also enhances the reflectivity of the tile surface, adding to its lustre.

Johnson Marbonite introduces Big Format slabs which come in 80x300, 80x240 & 120x180cm (15mm thickness), which gives your wall and floor an elegant and seamless look. These full body slabs used for kitchen countertop, bathroom top, lift frame etc.

Full body vitrified tiles are perfect for commercial & industrial as well as residential use. Being thicker than regular tiles, full body tiles are more durable and can withstand the brunt of heavy foot traffic. They last for years without wear and tear and are highly abrasion resistant.

Due to their versatility and high performance, vitrified full body tiles are high in strength and thickness, making them ideal for all public spaces.





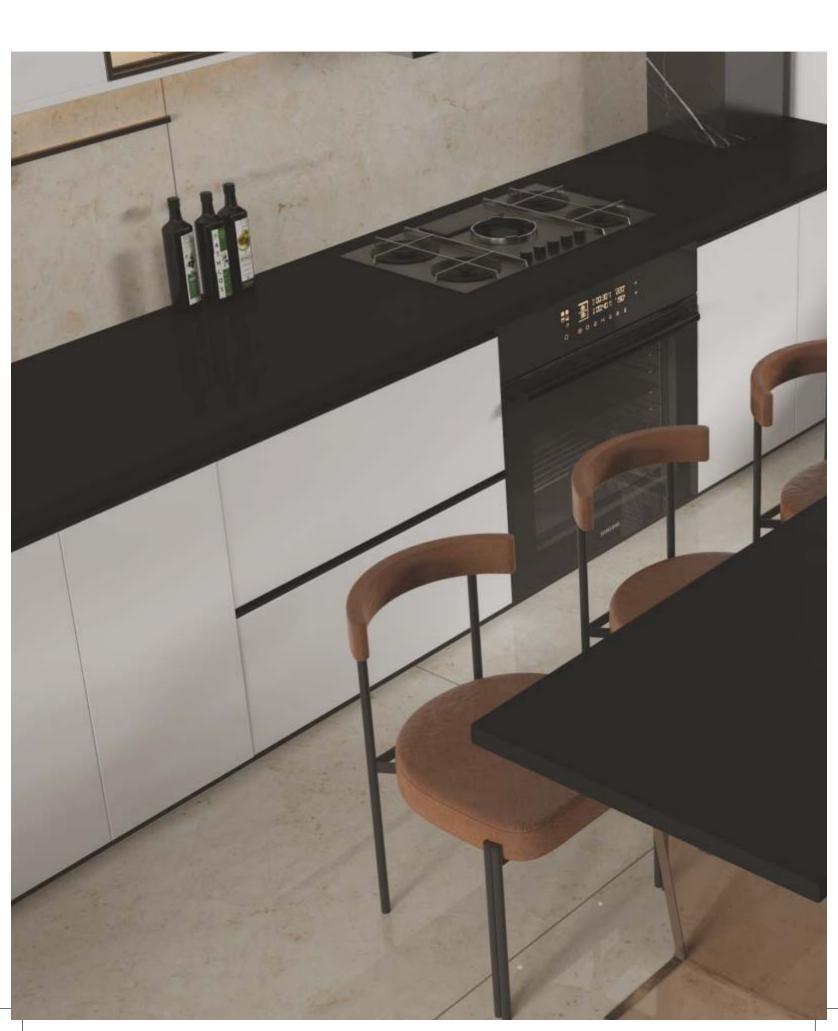




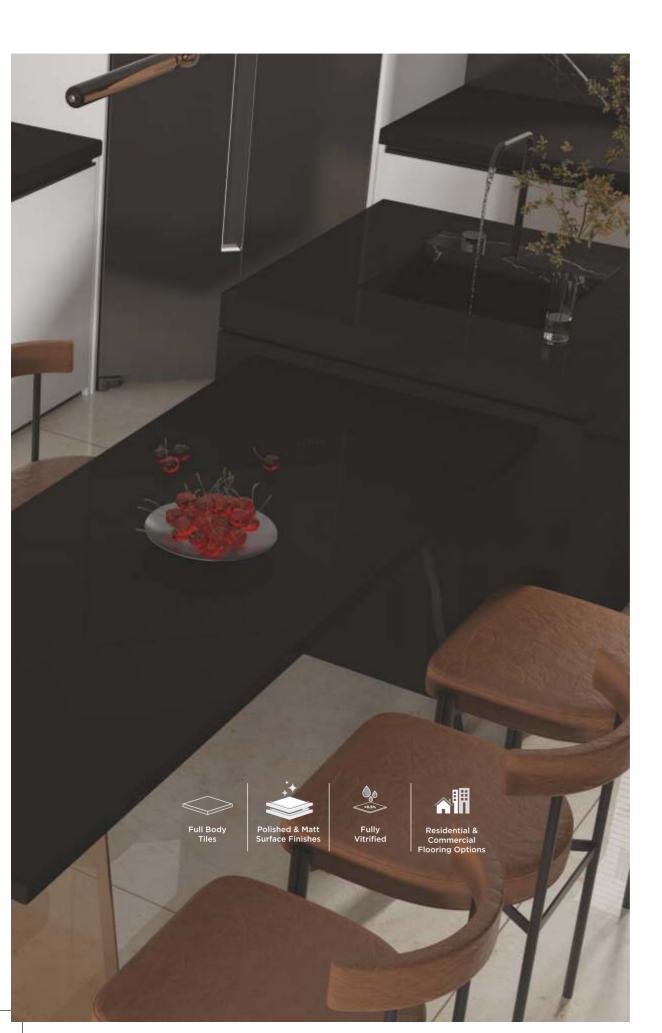
06	DOUBLE CHARGE	
14	60X120	76
28	80X80	94
20	60X60	96
	ΟΠΤΡΟΟΒ	
38	OULDOOK	
	60X60	110
42	40X40	116
	SOLUBLE SALT	
46	60X60	132
50		_
	TECHNICAL SPECIFICATION	130
		40.4
56	PACKING DETAILS	134
62	BRANCH & EC DETAILS	135
70		
	14 28 38 42 46 50 56 62	14 60X120 28 80X80 28 60X60 38 60X60 42 40X40 50 SOLUBLE SALT 46 60X60 50 TECHNICAL SPECIFICATION 56 PACKING DETAILS 62 BRANCH & EC DETAILS

Colors shown are as accurate as the limitations of the printing process will allow. Prospective customers are advised to inspect a sample of the tile before ordering. Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to change the specifications without prior notice. Sometimes, variations in shade or size may occur which is inherent to the ceramic industry. Before fixing the tiles, we urge you to read and follow the fixing instructions given on the carton box of the tiles. The company will not take any responsibility and will not accept any complaints of shade, size or planarity once the tiles have been fixed.

Although every effort is made to ascertain that all the information provided in this brochure is accurate before printing, errors may still happen. Please contact the local branch office for updated information before placing orders. The information contained in this catalog is given in good faith. The Company takes no liability on account of any loss or damage either consequential or otherwise as a result of the information provided therein.





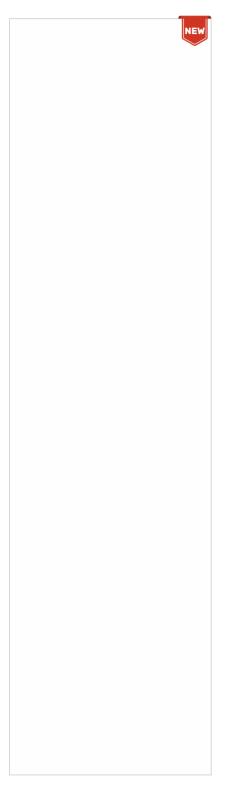


80 X 300 CM

80x300 CM POLISHED

(FB)

BIANCO WHITE



EBONY BLACK



ELEMENT BLACK













EBONY BLACK

80x300 CM POLISHED

(FB)

ELEMENT WHITE



NERO BLACK



SUPER WHITE



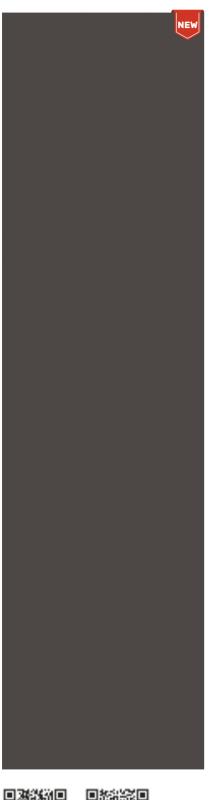








GRAPHITE GRIS (MATT)







80x300 CM MATT

(FB)

SPARKLE BARLEY



SPARKLE WHITE



SPARKLE CREMA







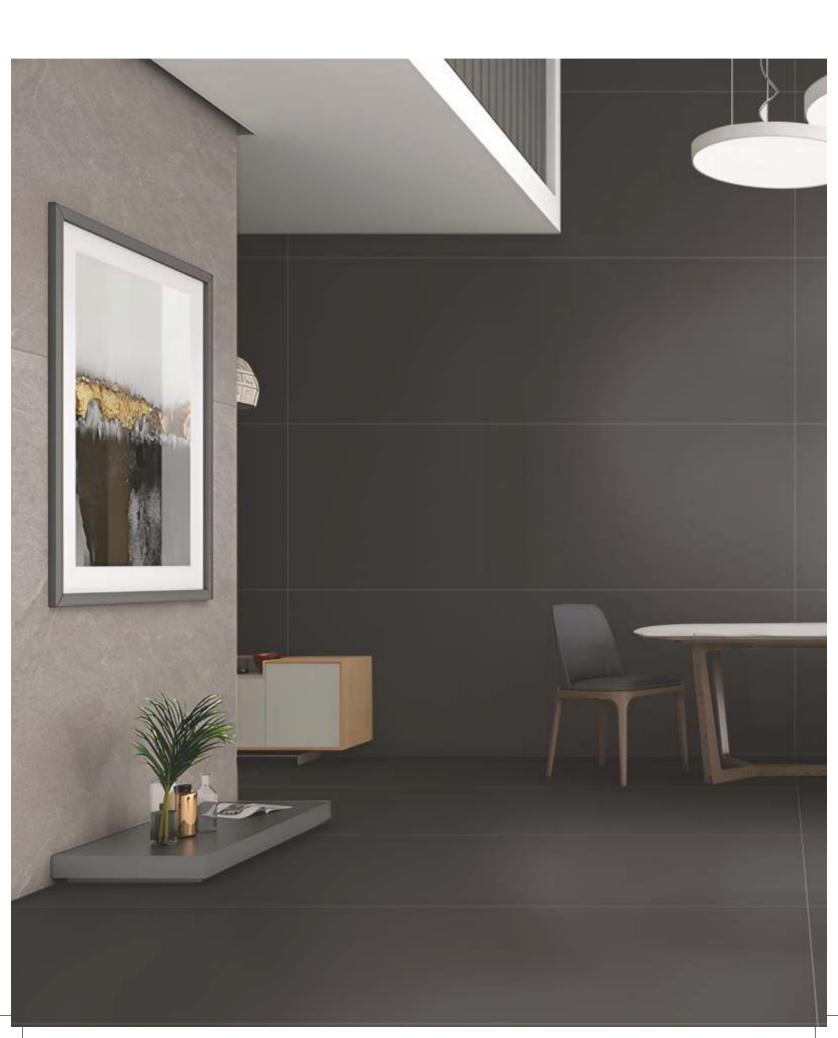


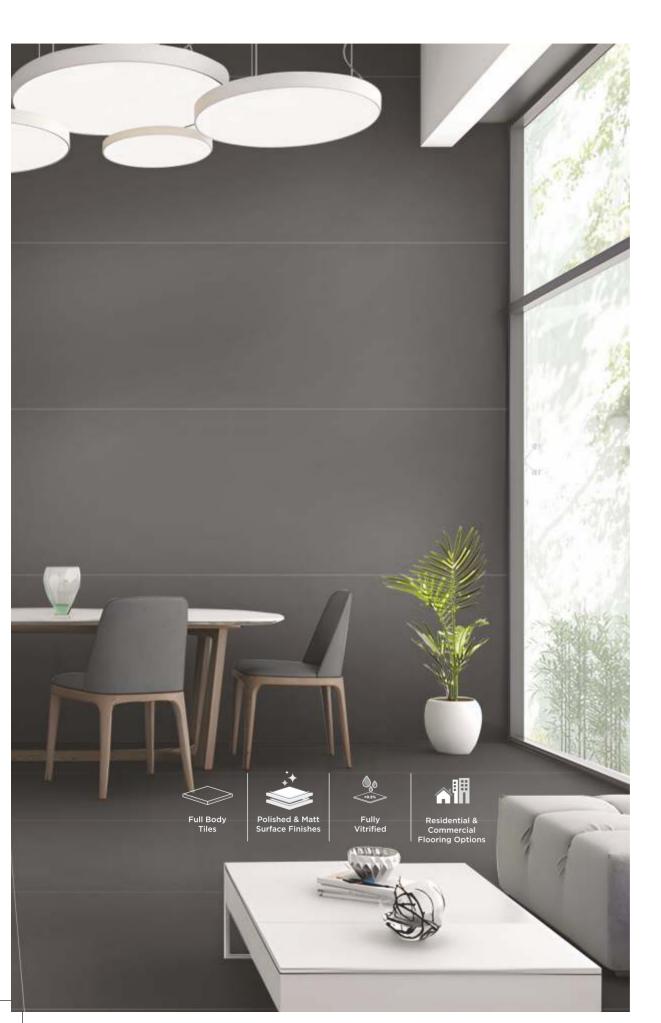






SPARKLE WHITE





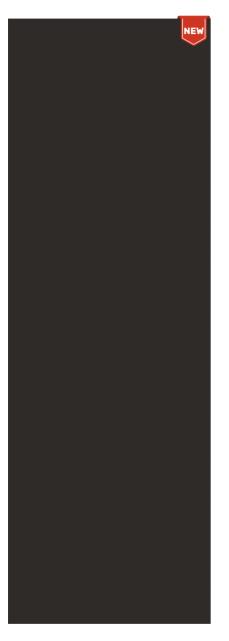


80 X 240 CM

80x240 CM POLISHED

(FB)

EBONY BLACK



MONOLITH TERAZO WHITE



SPARKLE CHOCO





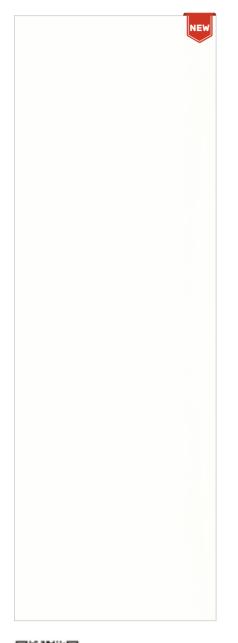








SUPER WHITE





80x240 CM MATT/POLISHED

(FB)

GRAPHITE GRIS



ELEMENT BLACK



MATT





MATT



POLISHED



360° View MATT POLISHED

ELEMENT WHITE





ROYAL GRIS







MATT

POLISHED

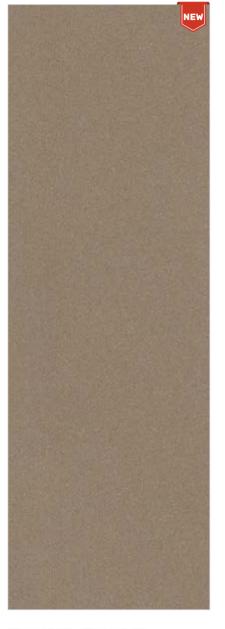
MATT/POLISHED 80x240 CM

(FB)

ROYAL IVORY



ROYAL MUSHROOM ROYAL VERDE











MATT

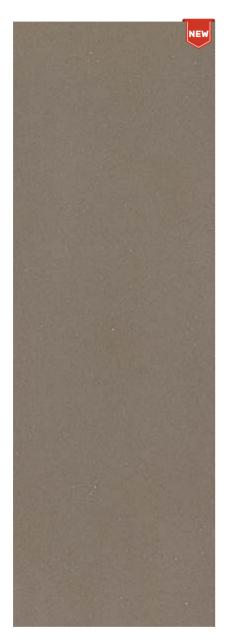




360° View MATT POLISHED



SPARKLE BARLEY



SPARKLE CREMA



SPARKLE WHITE

















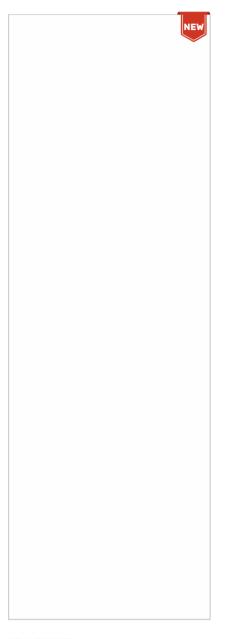
POLISHED

<u>21</u>

80x240 CM POLISHED

(DSB)

BIANCO WHITE



FUSION BLACK A









FUSION BLACK B







FUSION WHITE A



X

FUSION WHITE B



GREEN LAIDER F1*







60



80x240 CM POLISHED

(DSB)

MARBLE CALCUTTA ORO*







MARBLE MARQUINA*





NERO BLACK







STATUARIO ICE*







MATT 80x240 CM

(DSB)

MARBLE CALCUTTA NATURAL







MARBLE LILAC WHITE



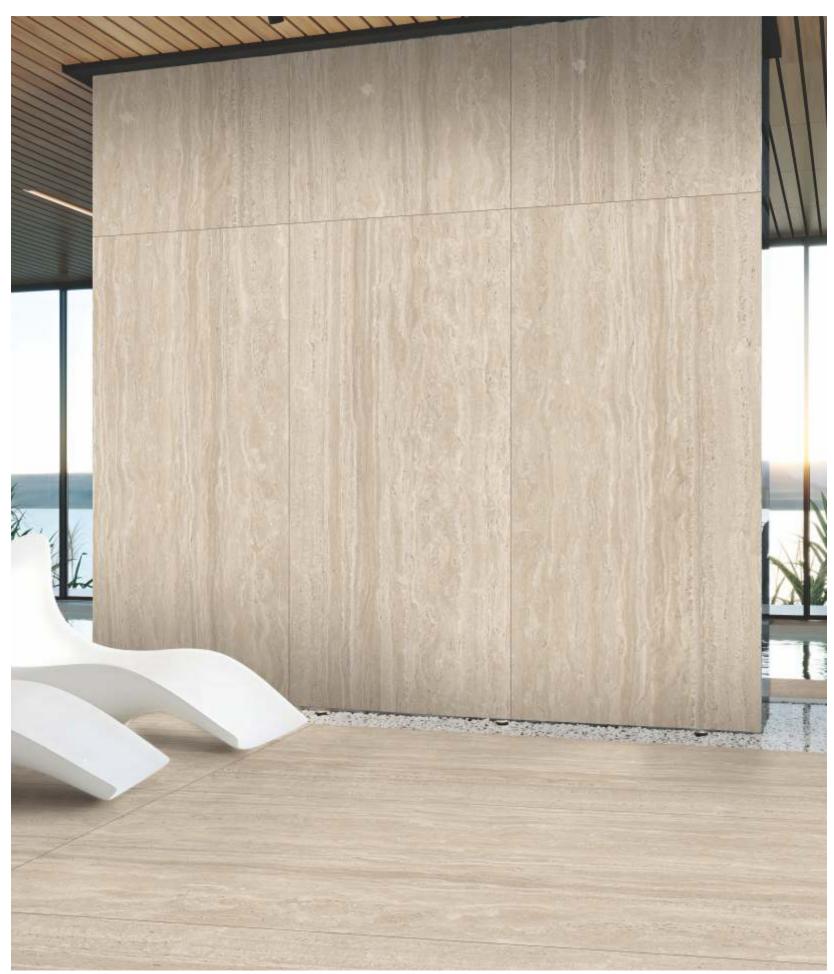


TRAVERTINE CREMA



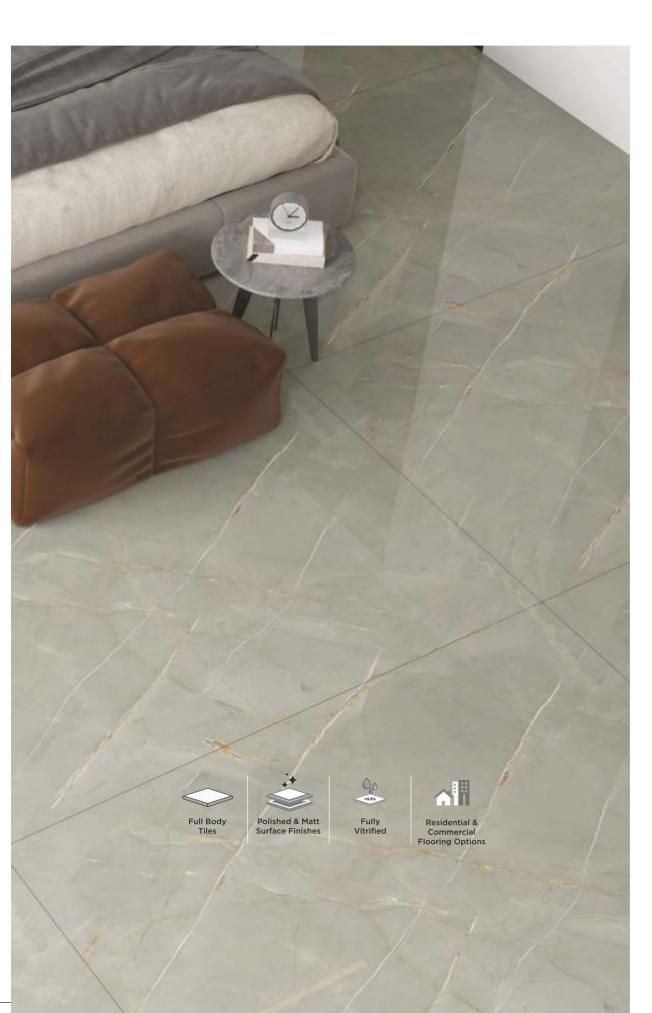










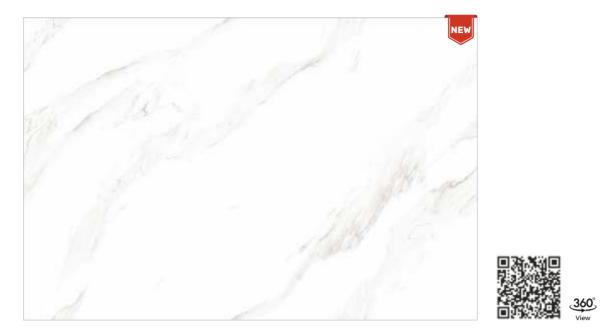


120 X 180 CM

120x180 CM POLISHED

(DSB)

BLISS WHITE



CLOUDY CREMA







ICONIC GREY





POLISHED 120x180 CM



MAJESTIC WHITE





MIRAZE NATURALA







NOVA MARFIL



SMOKE WHITE





BIC	5 F()R	MAT
(15 №	M)		



TOLSTOY IVORY





TRAVERTINO BEIGE







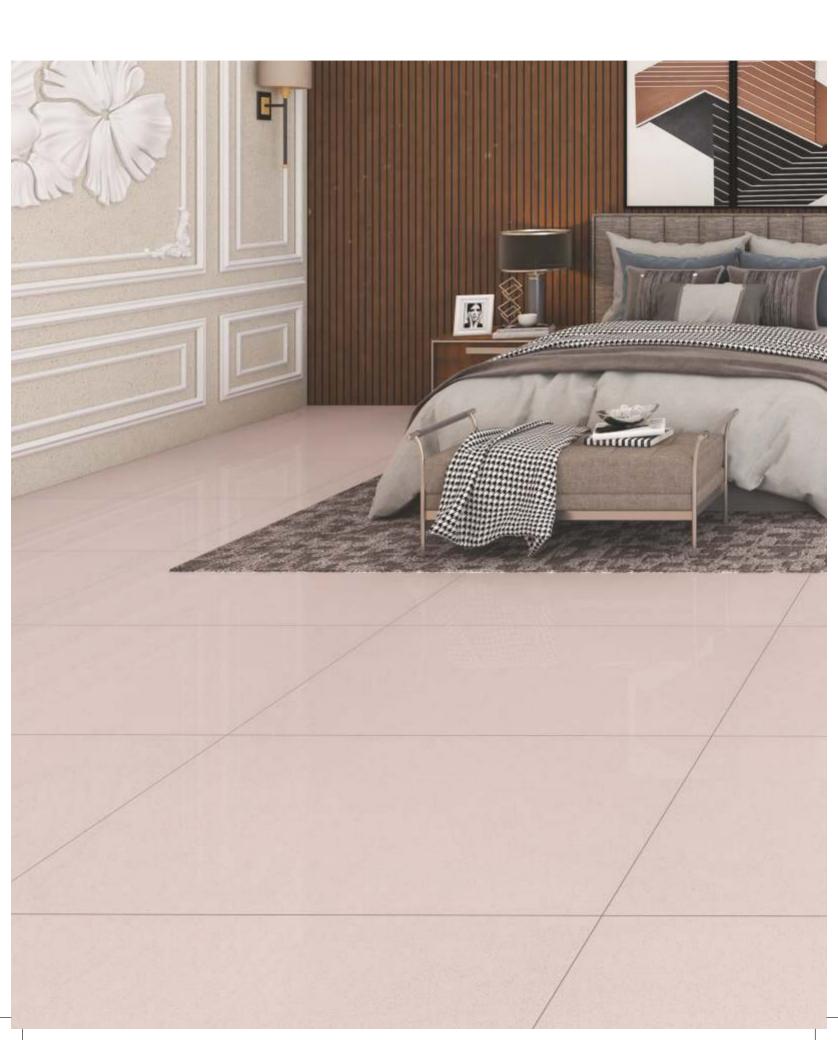
360° View

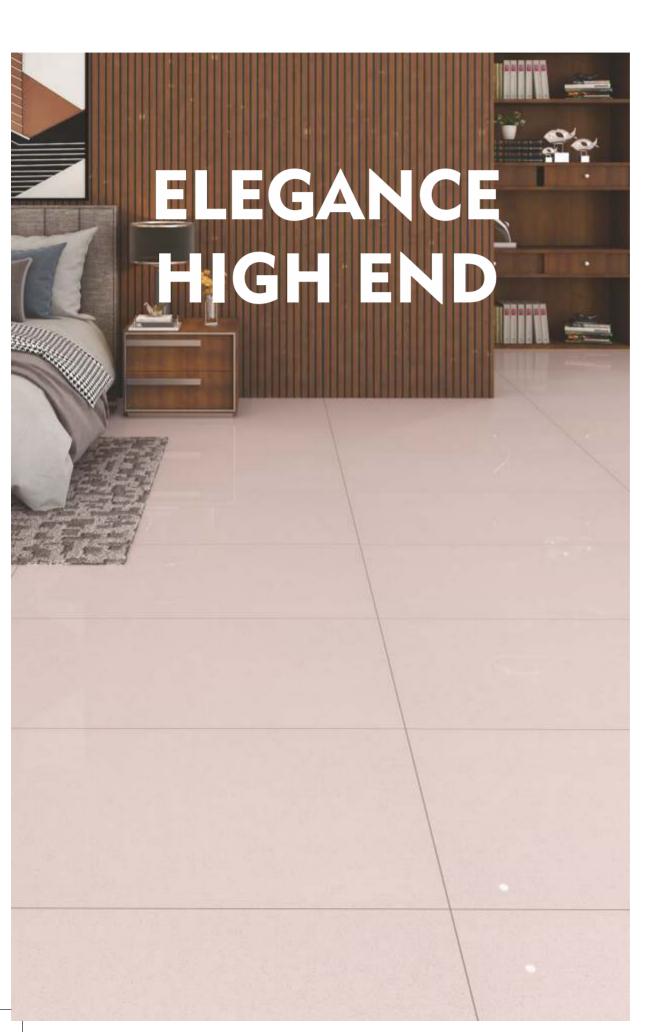
VENICE GREY



VIETNAM WHITE







60 X 120 | 60 X 60 CM



ELEGANCE HIGH END

ELEGANCE ALMOND



360° View

POLISHED

60x120 CM

ELEGANCE FOSSIL



ELEGANCE LIGHT GREY





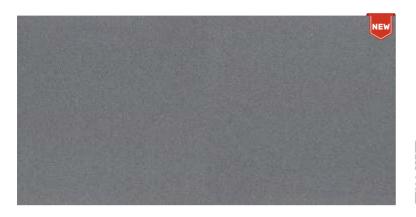
<u>360</u>°





ELEGANCE HIGH END

ELEGANCE NERO

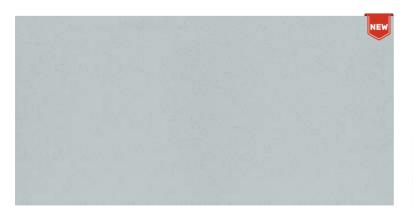




ELEGANCE PINK



ELEGANCE PISTA



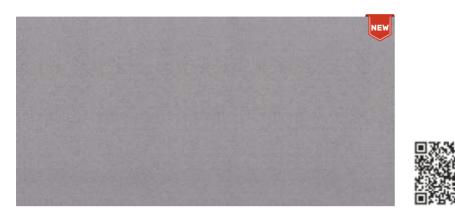




360° View

<u>.360</u>°

ELEGANCE STEEL GREY



ELEGANCE WHITE



ELEGANCE **HIGH END**

60x60 CM MATT/POLISHED

ELEGANCE AQUA



ELEGANCE BIANCO



ELEGANCE COFFEE



MATT

360°

ELEGANCE MUSHROOM



ELEGANCE BRICK





MATT

360°

ELEGANCE NERO



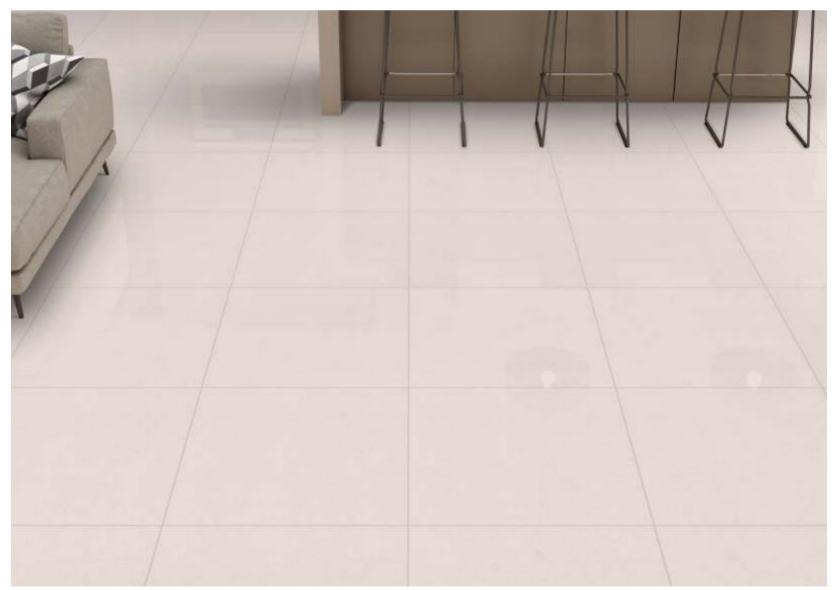


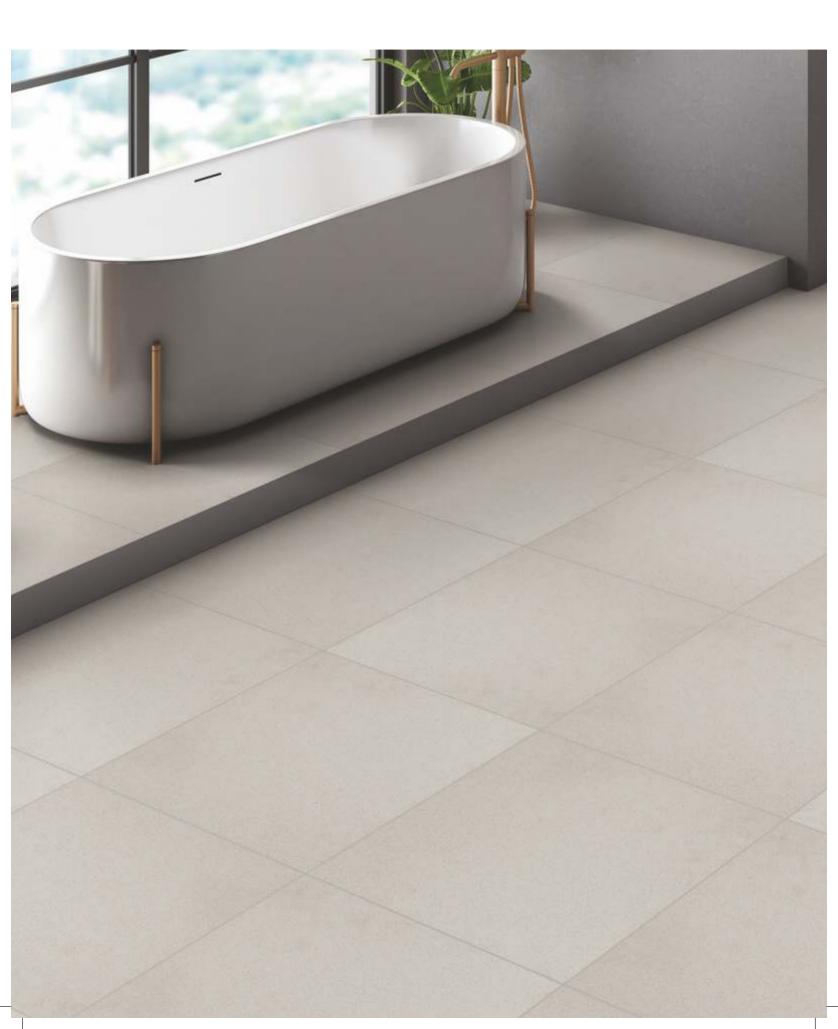


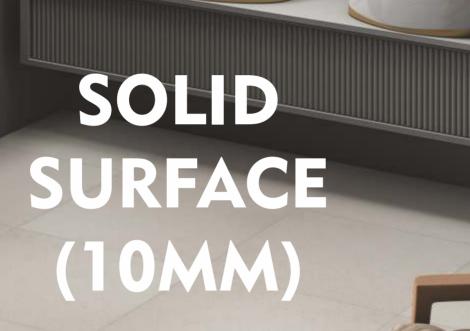


ELEGANCE OLIVE













Polished & Matt Surface Finishes



Fully Vitrified

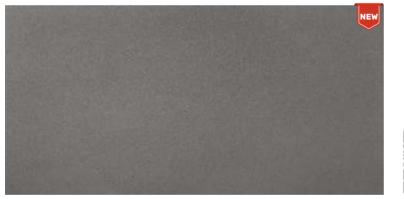


SOLID
SURFACE60x120 CMMATT (10 MM)(FB)

LIGHT GREY



S&P BLACK





360°

S&P CREMA







360° View

S&P IVORY





SOLID SURFACE

(FB)

S&P PASTEL BROWN





S&P SILVER



S&P SNOW

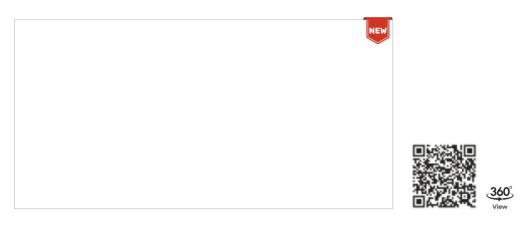




<u>360</u>°



SUPER WHITE



VANTA BLACK



VERDE



SOLID	60x60 CM	MATT (10 MM)
SURFACE	(F	B)

LIGHT GREY





S&P BLACK





S&P CREMA



S&P FOSSIL





S&P IVORY



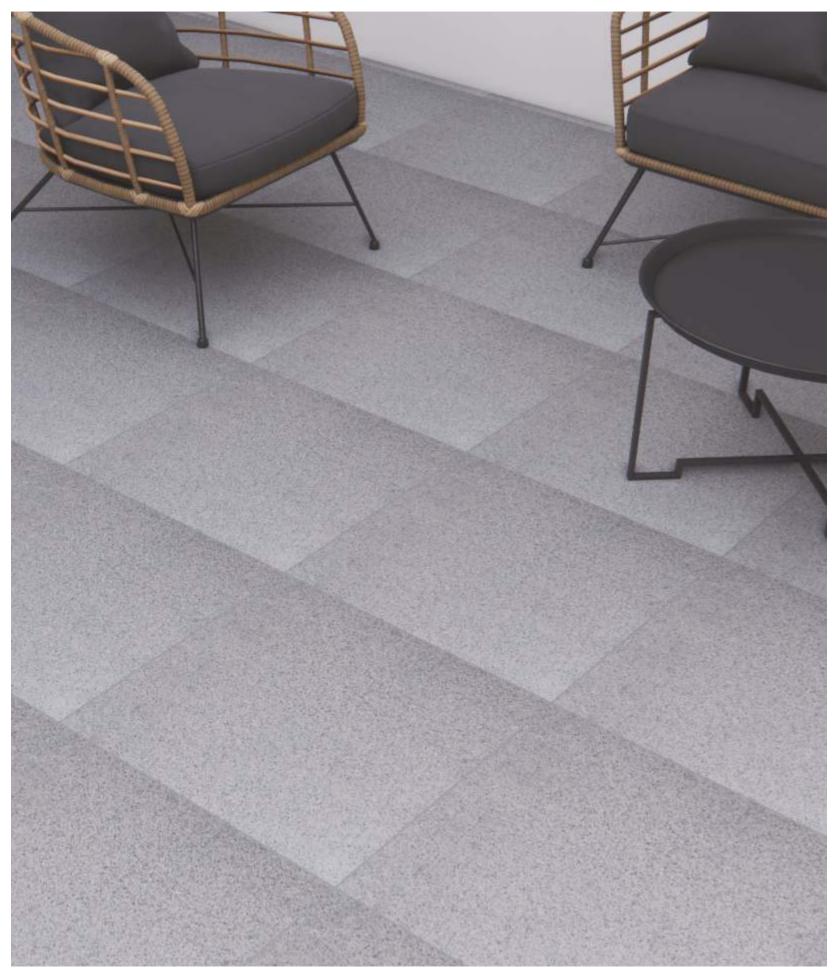


S&P PASTEL BROWN









SOLID	60x60 CM	MATT (10 MM)
SURFACE	(F	B)

S&P SILVER





S&P SNOW





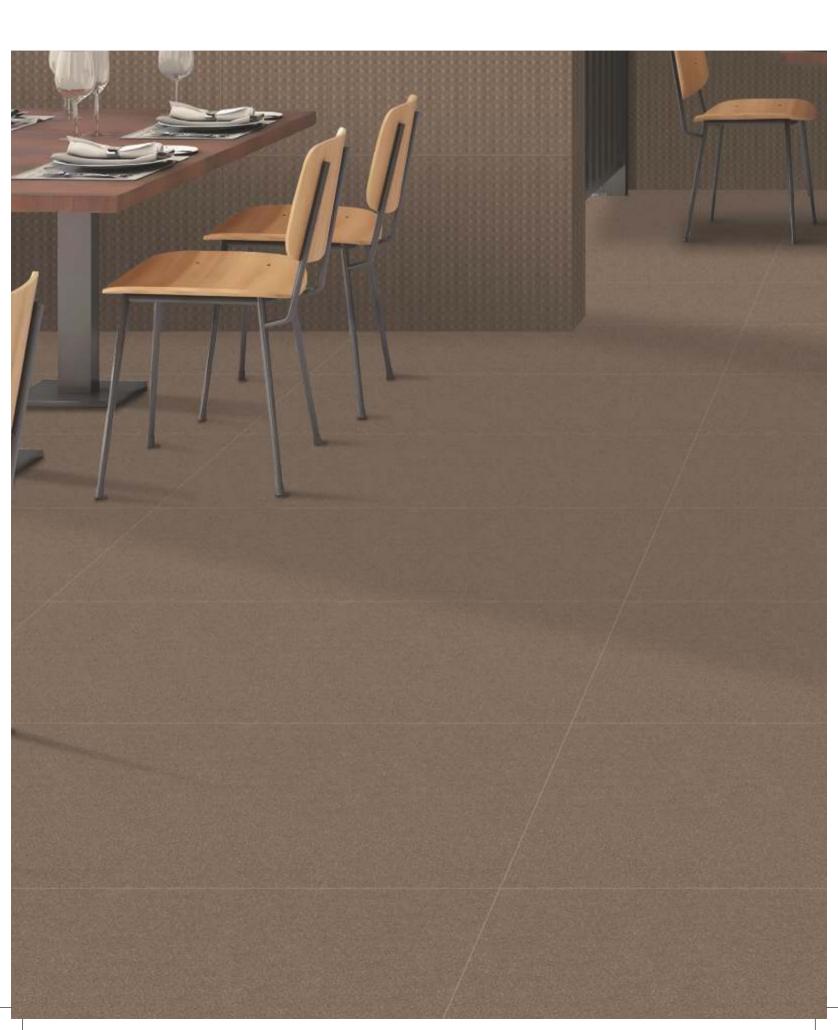
VERDE













60 X 120 | 60 X 60 CM



SOLID	60x120 CM	MATT/POLISHED
SURFACE	(F	B)

S&P GREY (POLISHED) •

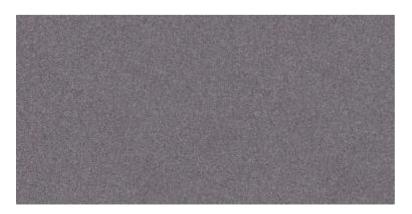




LIGHT GREY



S&P BLACK









SOLID SURFACE

60x120 CM MATT/POLISHED

(FB)

S&P CREMA





S&P IVORY





S&P PASTEL BROWN







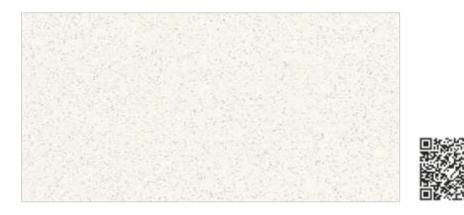
S&P SILVER





360°

S&P SNOW



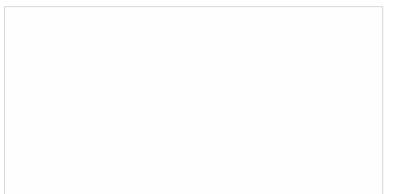
SPARKLE WHITE •



SOLID SURFACE

(FB)

SUPER WHITE





360° View

VANTA BLACK



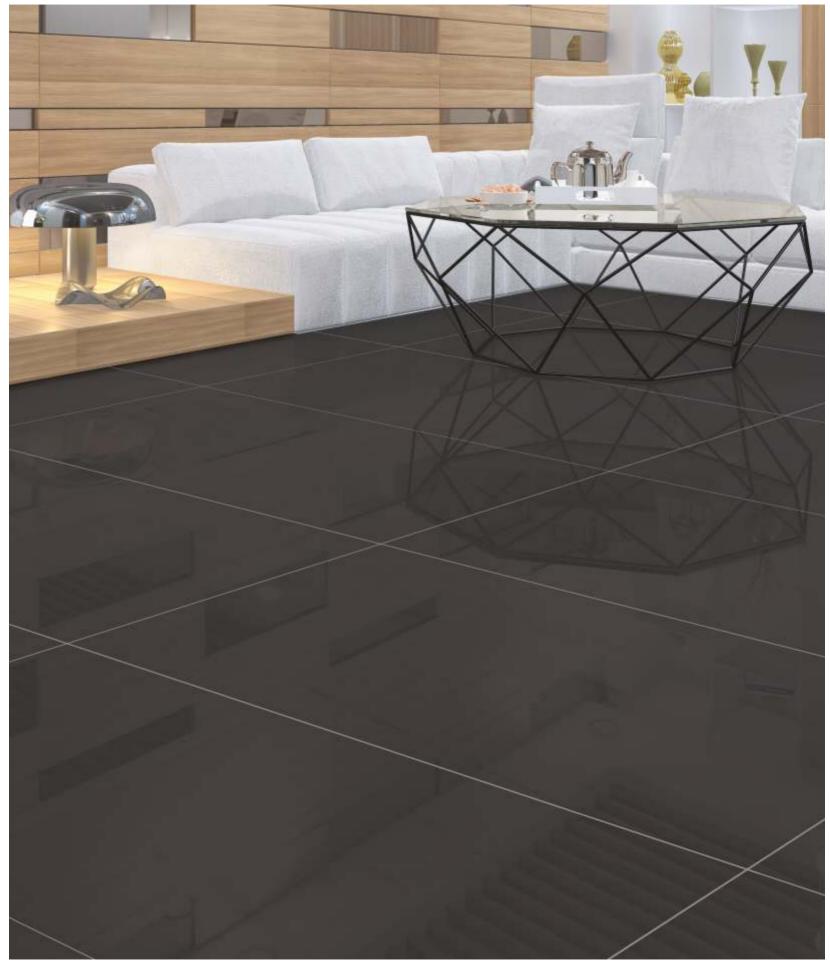


VERDE









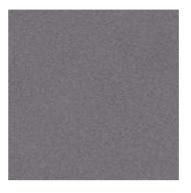
SURFACE (FB)	SOLID	60x60 CM	POLISHED
	SURFACE	(FB)	

LIGHT GREY



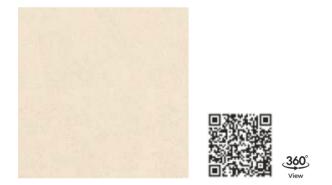


S&P BLACK





S&P CREMA



S&P FOSSIL





S&P IVORY





S&P PASTEL BROWN









SOLID	60x60 CM	POLISHED	
SURFACE	(F	B)	
S&P SILVER	360° View	S&P SNOW	Normal Sector Se

VERDE







PLATINA S&P IVORY (MATT)



PLATINA S&P SPARKLE (MATT)









PLATINA S&P CREMA (MATT/POLISHED) PLATINA S&P WHITE (MATT/POLISHED)







SOLID	60x60 CM	RUSTIC
SURFACE	(FB)	

PLAIN CREMA





PLAIN LT GREY





PLAIN VERDE



S & P FOSSIL





S & P NERO





S & P SNOW













SOLID SURFACE (SMART)







Fully Vitrified

60 X 60 CM

SOLID SURFACE	60x60 CM	POLISHED
(SMART)	(F	B)

PASTEL ALMOND





PASTEL BLACK





PASTEL BLUE



PASTEL BRONZE





PASTEL GREEN



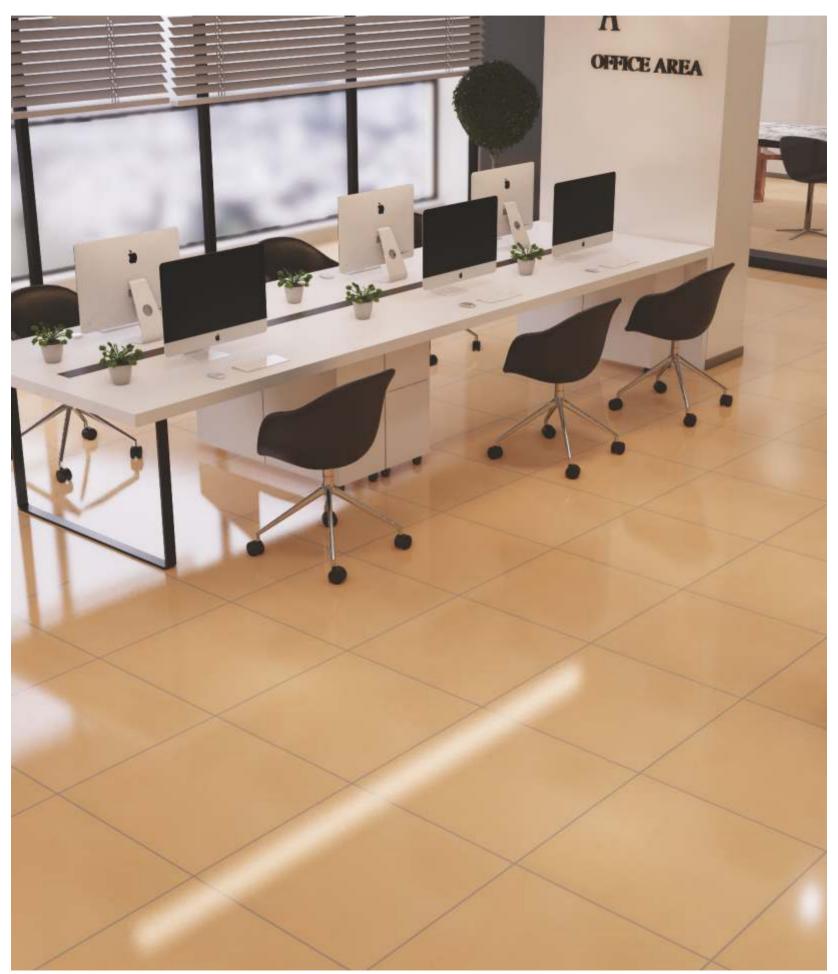


S&P SNOW









SOLID SURFACE	60x60 CM	POLISHED
(SMART)	(F	В)

S&P DARK GREY





S&P GREEN CHILLY





S&P LIGHT GREY





S&P RED CHILLY



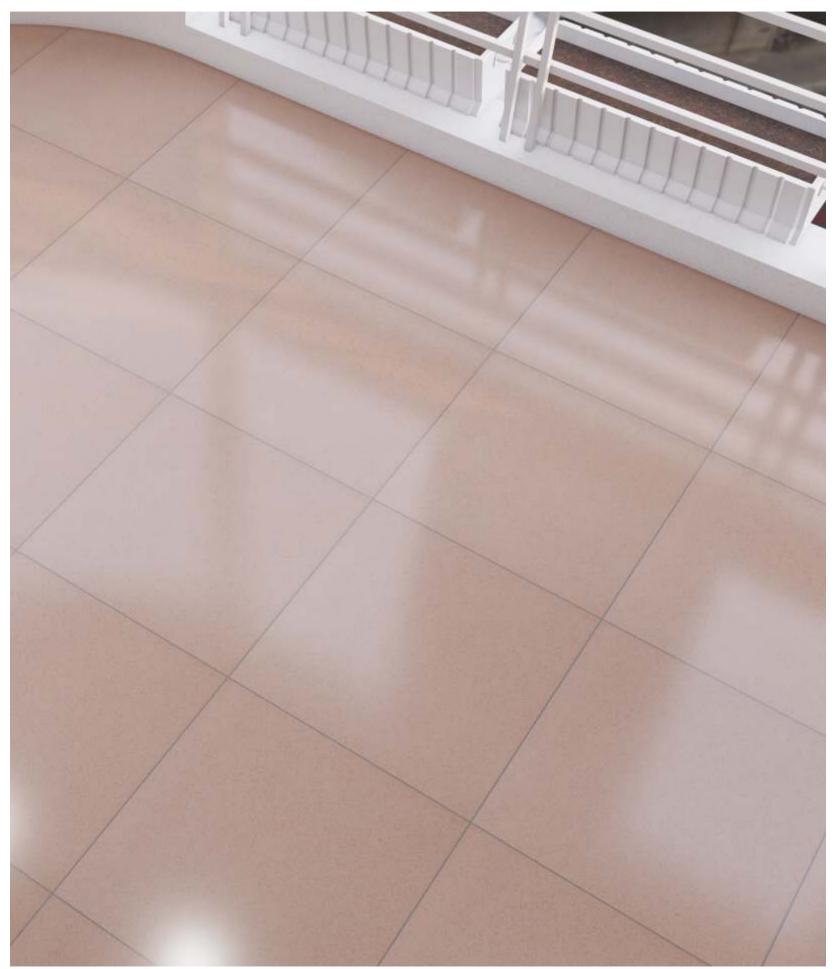


S&P SAND













*

Stain

Free





Brighter & Stronger Tiles

DOUBLE

CHARGE



Commercial Flooring Options

60 X 120 | 80 X 80 | 60 X 60 CM

ALBIZA BEIGE





POLISHED

60x120 CM

ALBIZA GREY



ALBIZA NATURA





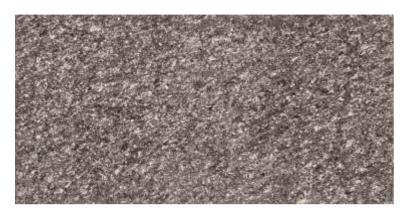
<u>360</u>°





60x120 CM POLISHED

ALBIZA NERO



360 View

360°

ALBIZA ROSO



ALBIZA WHITE







ALMAZE BROWN





ALMAZE CREMA



ALMAZE SLATE





ALMAZE WHITE





POLISHED

60x120 CM

ALTIS CREMA





ALTIS WHITE







ALTIS BLACK





ALTIS NERO



ANGLO CARAMEL





ANGLO GOLD





<u>360°</u>

ANGLO MINT



ANGLO WHITE







DRAGON AQUA





DRAGON CREMA





DRAGON ROSE





DRAGON WHITE



360 View

POLISHED

60x120 CM

FLORAL BUTTERSCOTCH

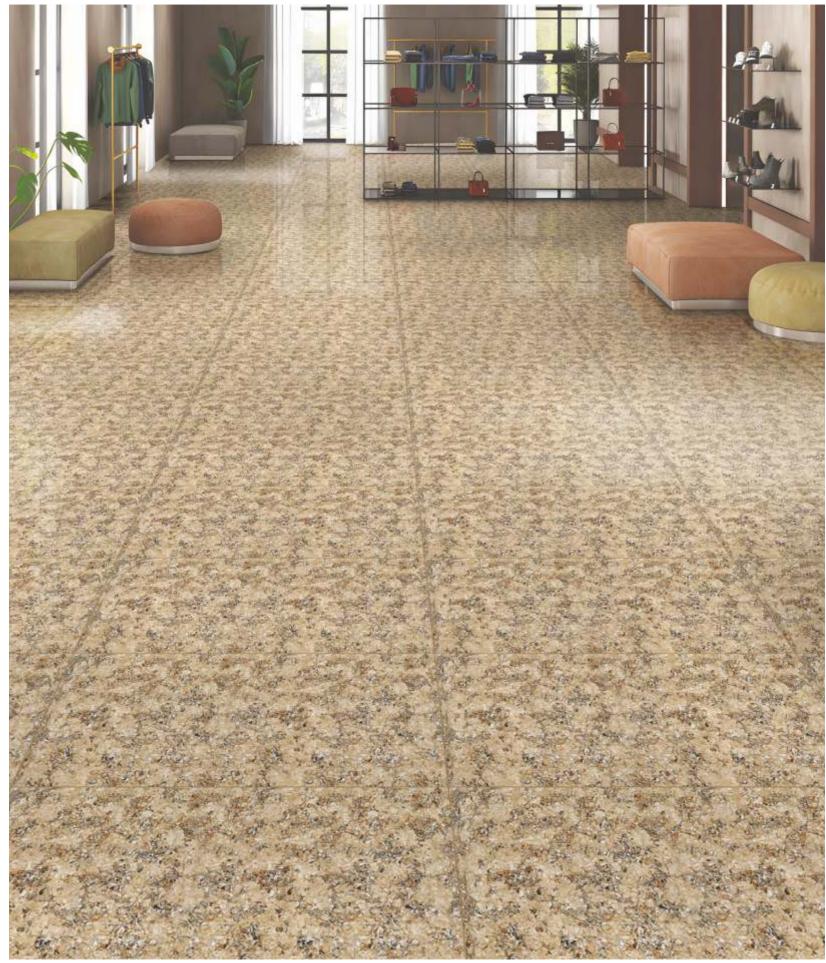


FLORAL CREMA









60x120 CM POLISHED

FLORAL FOREST





FLORAL GREY



FLORAL WHITE







NERON SNOW



PERLIN AZUL



PERLIN BROWN





360° View

60x120 CM POLISHED

PERLIN CREMA





PERLIN GOLD



PERLIN NERO •







PERLIN OLIVE •





PERLIN PINK



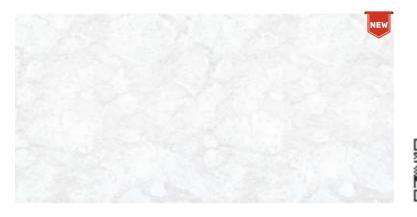
PERLIN SLATE





<u>.360°</u>

PERLIN WHITE





PRISM ALEXA WHITE



PRISM FLOW WHITE

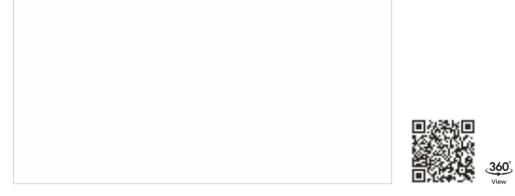








PRISM PLAIN WHITE



TORINO AQUA



TORINO ASH





60x120 CM POLISHED

TORINO BEIGE



TORINO BIANCO



360° View

360°

TORINO MAPLE





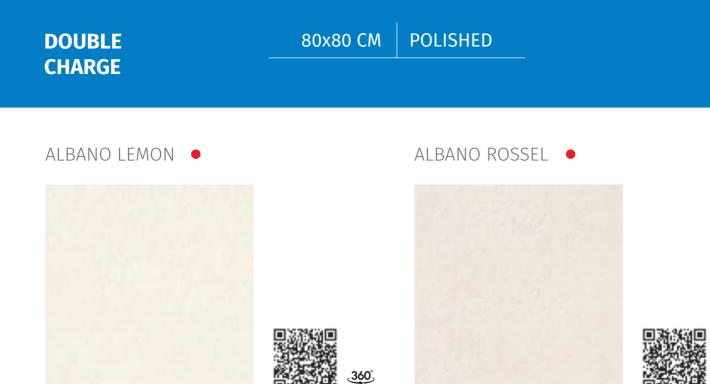


TORINO ROSE





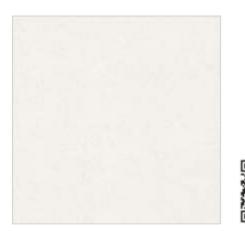








ELENTA SNOW ALLURE





360°

DRAGON WHITE





<u>360</u>°

PEARL WHITE







SPIDER CREMA





SPIDER WHITE







60x60 CM POLISHED

ALBITO ALMOND





ALBITO BASIL





ALBITO BLACK





ALBITO COFFEE





ALBITO FOSSIL





ALBITO GARNET









60x60 CM POLISHED

ALBITO HAZEL •





ALBITO LATTE LT





ALBITO LEMON LT



ALBITO MIST LT





ALBITO NATURA LT





ALBITO NERO







ALBITO PEACH LT •



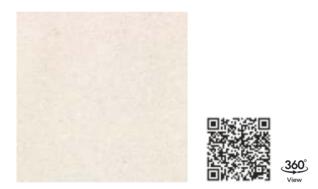


ALBITO ROSSEL LT





ALBITO WHITE LT



ANGLO CARAMEL





ANGLO MINT





ARNAVA CREMA





60x60 CM POLISHED

ARNAVA NERO





ARNAVA OLIVE





ARNAVA PINK











ARNAVA VERDE





ARNAVA WHITE







ELENTA SERENITY SNOW



ELENTA SICILIA CREMA





FLORAL BUTTERSCOTCH



360°

FLORAL CREMA





<u>360</u>°

FLORAL FOREST





FLORAL GREY





FLORAL WHITE





GENNEY CREMA

POLISHED

60x60 CM





GENNEY LAVA





GENNEY NERO





GENNEY PINK



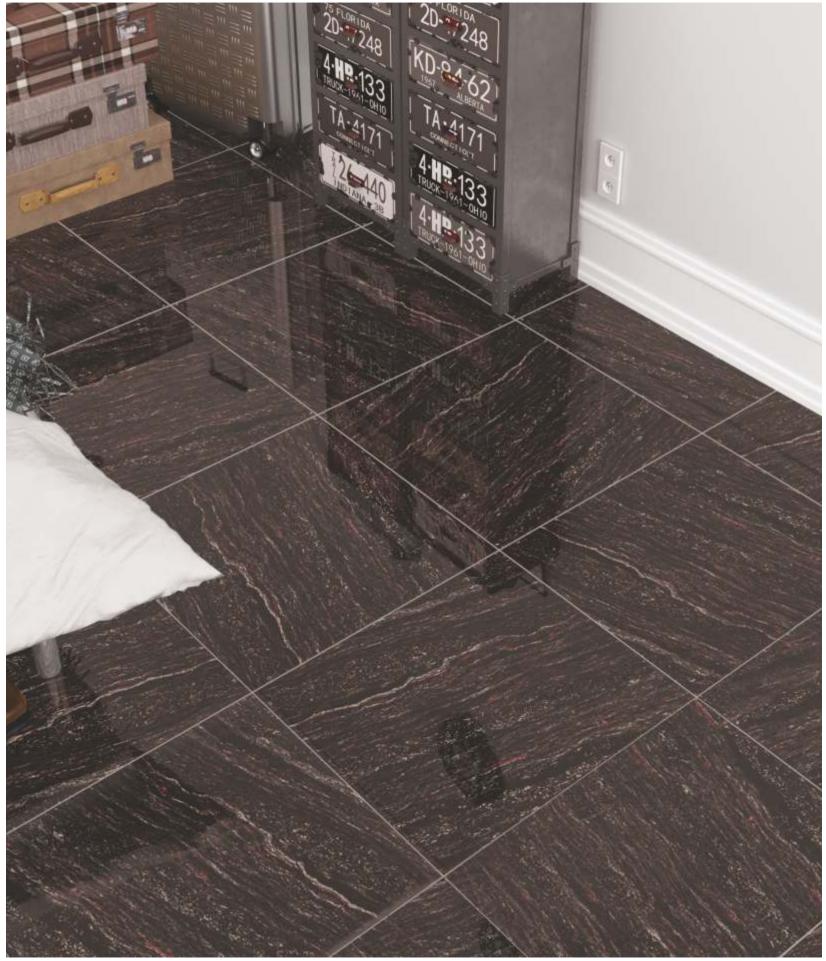


GENNEY SNOW









60x60 CM POLISHED

GENNEY VERDE





NERON GOLD





NERON VERDE





PERLIN AZUL





PERLIN BROWN





PERLIN CREMA







PERLIN NERO





PERLIN OLIVE





PERLIN VERDE





POLO GREEN





POLO GREY





POLO LEMON





POLISHED 60x60 CM

POLO SLATE





PRISM ALEXA WHITE





PRISM FLOW WHITE

PRISM PLAIN WHITE







SICILIA WHITE





SNOW WHITE







UNIQUE CREMA





UNIQUE WHITE

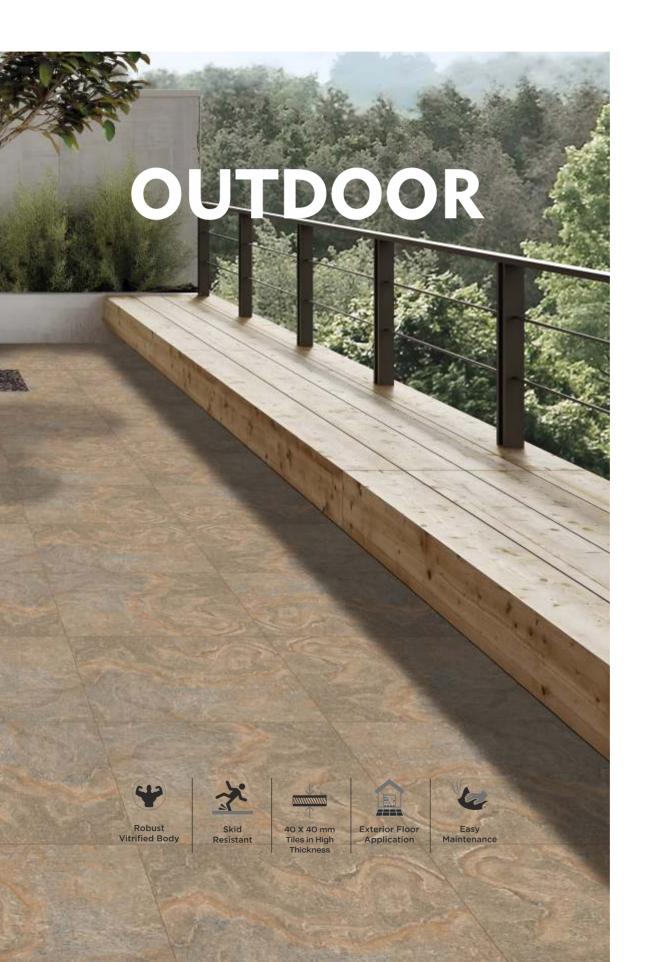




ANTARTIC WHITE (MW)







60 X 60 | 40 X 40 CM



OUTDOOR



PARKING

BRICKS COTTO





BRICKS GREY





CUBICS BRONZE





METTALIC BRONZE





NATURAL BRICKS





NATURAL STONE BRICKS









OUTDOOR



PARKING

PROTON COTTO





PROTON COTTO HL





PROTON IVORY





SAND BEIGE





SAND COTTO





SAND CREMA







SAND GREY





SAND GRIS





SAND WHITE



SHELL GREY





360° View

SHELL NATURAL





SMOKE GREY





OUTDOOR



PARKING

SMOKE GREY HL





SMOKE OFFWHITE





SMOKE OFFWHITE HL





TAURUS CREMA





TAURUS CREMA HL





TAURUS GRIS HL







TAURUS GRIS





TAURUS METTALIC





TAURUS METTALIC HL





URBANO COTTO





URBANO GREY





-	 	-	_
		00	



(PARKING)

BALSA WOOD





CLASSICO BROWN*







CLASSICO COFFEE* •



360°

CLASSICO GREY*





CLASSICO PEACH*





CLASSICO SILVER*





CROSS BLUE •





CROSS ICE





CROSS SMOKE





CUBICS GRASS











(PARKING)

CUBICS GREY





CUBOID TOPE





360

GEO BEIGE





GEO PATTERN BROWN •





GEO GRIS





GEO PATTERN GREY



IMPERIAL BIEGE





IMPERIAL BLUE







LINEAR GREY





MATRIX BEIGE





MATRIX ALMOND





MATRIX BROWN





MATRIX GRAPHITE





MAZE BLUE





PEBBLES COFFEE





MOROCCON CUBICS LEAF









(PARKING)

PEBBLES GRASS





PEBBLES NERO







PEBBLES NTATO





QUAD ALTIS





QUAD BIEGE •





ROCK BEIGE





ROCK CREMA





RUG COTTO







RUG GREY





SAVIO LEAF GRIS



STONE BROWN



RUG SILVER





SAVIO LEAF PISTACHIO





STONE COTTO





STONE GREY





<u>360</u>°

Ē

TERRAZO GRIS





SOLUBLE SALT

ANDROMEDA





APRICENA

POLISHED

60x60 CM





ASTORIA



AVEO





CLARA





CREMA ATHOS









SOLUBLE SALT

DEKOVEN





ELENTRA

POLISHED

60x60 CM





EMILIO



IVORY





ROSARIO





STYRA





<u>124</u>



TUSCANIA





VENEER





ANDROMEDA (TR) - MATT





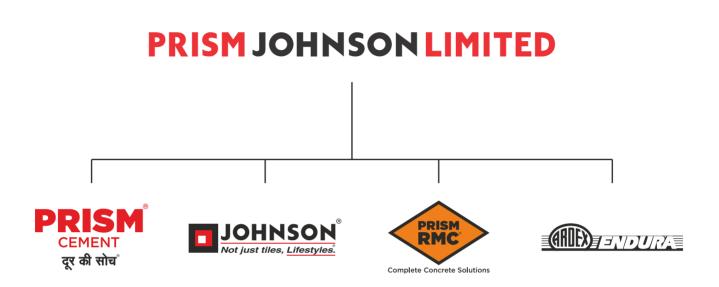
IVORY (TR) - MATT



360° View

A journey from tiles to lifestyles measured in square feet

H&R Johnson (India) is a division of Prism Johnson Limited, one of India's foremost Integrated Building Materials conglomerates.



Established in 1958, Johnson is one of the oldest and trusted brands in the country. Built on the strong and unswerving foundations of quality and innovation, this trust has only grown in these decades gone by; and continues to grow. Starting with tiles, the brand soon diversified into offering lifestyle solutions in the realms of Engineered Marble & Quartz and Bath Solutions. There by becoming India's most Integrated Lifestyle Solutions brand. Every product that comes bearing the H&R Johnson insignia is a symbol of the same quality and innovation focused on adding value to the lives of our consumers.

Pioneering Innovations, A Way of Life

At H&R Johnson the term innovation is at the heart of everything we do. That's why it is backed by credible research. Every product attempts to fill in a void left by conventional offerings in the category, in an innovative manner. It's this value we place on cutting-edge innovation that makes us strive for more and eventually deliver more. A quality and a way of working that has redefine consumer lifestyles and expectations.

- Anti-skid & Water-repellent Tiles for Bathrooms
- Rectified Wall Tiles
- · Johnson Marbonite Vitrified Wall and Floor Tiles
- Joint Free Tiles

- Large Format Slabs
- Digitally Printed Wall & Floor Tiles
- Germ Free Tiles & Sanitaryware
- Exterior & Industrial Flooring Solutions

India's Most Integrated Tile Manufacturing Company



Being India's most trusted tiling brand requires that trust to be maintained in every stage of developing each and every product that bears the name of the brand. That's why at H&R Johnson, our Felspar Mines are Self-owned, the solublesalts and inks are manufactured in-house, and even the dies and punches are made in-house. All, so that every step in the process comes with the same quality and assurance, that you expect from us.



Manufacturing Excellence

Johnson has the most modern manufacturing units across strategic locations in India. Our manufacturing facilities employ the best technology from world leaders in tile manufacturing equipment. All our plants are ISO compliant with both 9001 and 14001 certifications as well as OHSAS 18001 certification.



Certifications

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Johnson is India's largest tile manufacturer. It's commitment to quality, service and innovation is backed by certification from the world's leading accreditation bodies.

ISO 9001: 2015

For implementing a Quality Management System for the Manufacture and Supply of Ceramic Tiles.

ISO 45001: 2018

For implementing an Occupational Health & Safely Management System for the Manufacturing of Ceramic Tiles.

ISO 14001: 2015

For implementing an Environmental Management system for the Manufacturing of Ceramic Tiles

Certificate of Merit for Energy Conservation, Bureau of Energy Efficiency, Ministry of Power A Recognition for the efficient use of energy and its conservation.

Plant has received Safety award by National Safety Council

GreenPro is a product certification given by the Confederation of Indian Industry (CII) which signifies environmentally conscious life cycle of the production; certification for eco-friendly products that helps customers make an informed choice towards sustainable products.

Grina

Griha council is a joint initiative of Ministry of New and Renewable Energy, GOI and The Energy and Resources Institute of implement Griha. India's national rating system for sustainable habitats

MARBONITE TILE FIXING INSTRUCTIONS

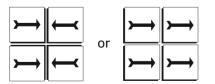
- 1. Plaster the surface of the floor where the tiles will be laid with smooth finish and complete the plastering and curing at least two weeks prior to laying.
- 2. Before fixing Marbonite tiles, lay them out in the desired pattern and make sure that they give an acceptable blend of shade, colour and design. Please note that certain amount of shade and size variation is inherent in the manufacture of vitrified ceramic tiles. Certain products will have intentional shade or colour variation to get the natural and elegant look, which is an integral element of the design resembling naturally created veins or shaded effect.
- 3. The company bears no responsibility towards the tiles exposed to any outside process like transfers, printing, firing etc.
- 4. For fixing Marbonite, we recommend using an appropriate product from the range of tile fixing adhesives from the ARDEX ENDURA (INDIA) PVT. LTD. Please follow the adhesive manufacturer's recommendations and instructions for best results.
- 5. For fixing Marbonite tiles on the floor, using sand and cement, follow the instructions given below :
 - a) Use cement and sand mortar in the ratio of 1:4. Add some water to create a consistent paste.
 - b) Once the mixing has been completed do not add any further water and use the same within one hour.
 - c) Apply a 20-30 mm, layer of bedding material over an area of 1 square meter at a time on the surface of the area. Apply a fine slurry to the back of the tile to ensure proper and full bedding. Press gently for even adherence at the back of the tile.

DO NOT USE AN IRON HAMMER OR SOME HEAVY MATERIAL TO PRESS THE TILE.

- 6. For fixing Marbonite tiles on Wall / Dado, we recommend using an appropriate product from the range of tile fixing adhesives from the ARDEX ENDURA (INDIA) PVT. LTD. with proper troweling method for 100 per cent coverage behind the tiles and for peerless bonding. Please follow the adhesive manufacturer's recommendations and instructions for best results. We do not recommend the use of sand and cement for fixing on Dado.
- 7. Mark and lay out the tiles from the center of the area to be laid so that cut tiles, if any, will be on the outer edges towards the walls.
- 8. The work size which we try to maintain for better technical performance is 60 cm x 60 cm on average. It is advisable to maintain a gap of 1 mm to 2 mm between every tile to allow for possible expansion as per ISO tolerance norms.
- 9. Complete the laying process by pressing the cut Marbonite tiles firmly into place along the walls/floors.
- 10. Allow 3-4 days for bed curing. After this period fill the joints with cementitious or epoxy grouts from ARDEX ENDURA (INDIA) PVT. LTD. Use of grout sealant is recommended for keeping the grout free of dust.
- 11. Fifteen minutes after finishing the grouting process, wipe off excess grout with a damp sponge and polish the tiles with a soft and dry cloth for a clean surface. The tiles can also be cleaned with a mild acid (However, Hydrofluoric acid and its derivatives should not be used). You can also use tile & stone cleaners from ARDEX ENDURA (INDIA) PVT. LTD.
- 12. Please note that the company does not accept any liability in case of problems arising out of non-adherence to these fixing instructions.

13. THE COMPANY WILL BEAR NO RESPONSIBILITY AFTER THE TILES ARE FIXED.

14. Kindly look for an arrow (->) on the back of the tile and follow the laying pattern as shown in Pic-1:-



NOTHING IN THESE INSTRUCTION IS A SUBSTITUTE FOR GOOD WORKMANSHIP AND SUPERVISION

S. No	Property	ISO 13006:2018 / EN 14411 Group Bla Requirement	ndian Standard IS 15622:2017 Group Bla Requirement	JOHNSON MARBONITE (DC) Value	Test Method
	Dimensions & Surface Quality	Whichever is less	Rectified edge		
1	Deviation in Length & Width	± 0.3% or ±2.0mm	± 0.1 %	± 0.1%	ISO 10545-2 / IS 13630-1
2	Deviation in Thickness	± 5% or ±0.5mm	± 5%	± 4%	ISO 10545-2 / IS 13630-1
3	Straightness of Sides	± 0.3% or ±0.8mm	± 0.1 %	± 0.1%	ISO 10545-2 / IS 13630-1
4	Rectangularity	± 0.3% or ±1.5mm	± 0.1 %	± 0.1%	ISO 10545-2 / IS 13630-1
5	Surface Flatness (Edge Curvature, Centre Curvature & Warpage)	± 0.4% or ±1.8mm	± 0.5%	± 0.15%	ISO 10545-2 / IS 13630-1
6	Surface Quality	Min 95% free from visible defects	Min 95% free from visible defects	> 95% free from visible defects	ISO 10545-2 / IS 13630-1
	Physical Property				
7	Water Absorption	≤ 0.5%	Average ≤0.08%, Individual Max 0.1%	≤ 0.05%	ISO 10545-3/ IS 13630- 2
8	Modulus of Rupture	≥ 35 N/mm²	Average 35 N/mm², Individual 32N/mm², Min	≥ 38N/mm ²	ISO 10545-4/ IS 13630-6
9	Breaking Strength	≥ 1300 N	Min1300 N	≥ 1500 N	ISO 10545-4 / IS 13630-6
10	Moisture expansion	report value	0.02 mm/m, Max	≤ 0.02 mm/m	ISO 10545-10 / IS 13630-3
11	Scratch hardness of surface (Moh's scale)	-	5, Min	≥ 5	IS 13630 -13
12	Coefficient of Linear Thermal Expansion	report value	Max, 6 x 10 ⁻⁶ K ⁻¹	$\leq 6 \times 10^{-6} \text{ K}^{-1}$	ISO 10545-8/ IS 13630-4
13	Thermal Shock Resistance	report result	10 cycles Min	No Damage	ISO 10545-9 / IS 13630 -5
14	Impact Resistance	report value	0.55, Min	≥ 0.55	ISO 10545-5 / IS 13630-14
15	Coefficient of friction	-	Manufacturer to declare	≥0.3	ANSI A 326.3
16	Frost Resistance	report result	required if requested by purchaser	No Damage	ISO 10545-12 / IS 13630-10
17	Resistance to Deep Abrasion of Unglazed Tiles	≤ 175 mm³	Max 140 mm ³	≤ 140mm³	ISO 10545- 6 / IS 13630-12
18	Bulk Density (g/cc)	-	2.2, Min	≥ 2.2	ISO 10545-3 / IS 13630-2
19	Color Resistance to UV light	report result	-	No change in color	DIN 51094
20	Chemical Property (cleansers except to cleansing agents containg Hydrofloric acids and its compounds)				
a	Resistance to Staining - Unglazed Tiles	-	Class 2, Min	Class 2, Min (BIS)	ISO 10545-14 / IS 13630-7
b	Resistance to Household Chemicals and Swimming Pool water cleansers - Unglazed tiles	UB	report resistance class	UA	ISO 10545-13 / IS 13630-7
с	Resistance to acids and alkalis (Unglazed Tiles)	report resistance class	report resistance class	UA	ISO 10545-13 /IS 13630 -7

* ISO / IS technical specifications for Johnson tiles are applicable only for premium /1st Quality tile Please inspect all tiles prior to installation, company will not entertain any complaints once tiles are laid / fixed

S. No	Property	ISO 13006 :2018 / EN 14411 Group Bla Requirement	Indian Standard IS 15622:2017 Group Bla, Requirement	JOHNSON MARBONITE (FB) Value	Test Method
	Dimensions & Surface Quality	Whichever is less	Rectified edge		
1	Deviation in Length & Width	± 0.3% or ±2.0mm	± 0.1 %	± 0.1%	ISO 10545-2 / IS 13630-1
2	Deviation in Thickness	± 5% or ±0.5mm	± 5%	± 4%	ISO 10545-2 / IS 13630-1
3	Straightness of Sides	± 0.3% or ±0.8mm	± 0.1 %	± 0.1%	ISO 10545-2 / IS 13630-1
4	Rectangularity	± 0.3% or ±1.5mm	± 0.1 %	± 0.1%	ISO 10545-2 / IS 13630-1
5	Surface Flatness (Edge Curvature, Centre Curvature & Warpage)	± 0.4% or ±1.8mm	± 0.5%	± 0.15%	ISO 10545-2 / IS 13630-1
6	Surface Quality	Min 95% free from visible defects	Min 95% free from visible defects	> 95% free from visible defects	ISO 10545-2 / IS 13630-1
	Physical Property				
7	Water Absorption	≤ 0.5%	Average ≤0.08%, Individual Max 0.1%	≤ 0.05%	ISO 10545-3/ IS 13630- 2
8	Modulus of Rupture	≥ 35 N/mm²	Average 35 N/mm², Individual 32N/mm², Min	≥ 38N/mm ²	ISO 10545-4/ IS 13630-6
9	Breaking Strength	≥ 1300 N	Min1300 N	≥ 1500 N	ISO 10545-4 / IS 13630-6
10	Moisture expansion	report value	0.02 mm/m, Max	≤ 0.02 mm/m	ISO 10545-10 / IS 13630-3
11	Scratch hardness of surface (Moh's scale)	-	5, Min	≥ 5	IS 13630 -13
12	Coefficient of Linear Thermal Expansion	report value	Max, 6 x 10 ⁻⁶ K ⁻¹	$\leq 6 \times 10^{-6} K^{-1}$	ISO 10545-8/ IS 13630-4
13	Thermal Shock Resistance	report result	10 cycles Min	No Damage	ISO 10545-9 / IS 13630 -5
14	Impact Resistance	report value	0.55, Min	≥ 0.55	ISO 10545-5 / IS 13630-14
15	Coefficient of friction	-	Manufacturer to declare	≥0.3	ANSI A 326.3
16	Frost Resistance	report result	required if requested by purchaser	No Damage	ISO 10545-12 / IS 13630-10
17	Resistance to Deep Abrasion of Unglazed Tiles	≤ 175 mm³	Max 140 mm ³	≤ 140mm³	ISO 10545- 6 / IS 13630-12
18	Bulk Density (g/cc)	-	2.2, Min	≥ 2.2	ISO 10545-3 / IS 13630-2
19	Color Resistance to UV light	report result	-	No change in color	DIN 51094
20	Chemical Property (cleansers except to cleansing agents containg Hydrofloric acids and its compounds)				
a	Resistance to Staining - Unglazed Tiles	-	Class 2, Min	Class 2, Min	ISO 10545-14 / IS 13630-7
b	Resistance to Household Chemicals and Swimming Pool water cleansers - Unglazed tiles	UB	report resistance class	UA	ISO 10545-13 / IS 13630-7
с	Resistance to acids and alkalis (Unglazed Tiles)	report resistance class	report resistance class	UA	ISO 10545-13 /IS 13630 -7

* ISO / IS technical specifications for Johnson tiles are applicable only for premium /1st Quality tile Please inspect all tiles prior to installation, company will not entertain any complaints once tiles are laid / fixed

S. No	Property	ISO 13006:2018 / EN 14411 Group Bla Requirement	Indian Standard IS 15622:2017 Group Bla Requirement	Johnson Marbonite Value 15 mm	Test Method
	Dimensions & Surface Quality	whichever is less applicable. Rectified edge	Rectified edge		
1	Deviation in Length & Width	± 0.3% or ±1.0mm	± 0.1 %	± 0.1%	ISO 10545-2 / IS 13630-1
2	Deviation in Thickness	± 5% or ±0.5mm	± 5%	± 4%	ISO 10545-2 / IS 13630-1
3	Straightness of Sides	± 0.3% or ±0.8mm	± 0.1 %	± 0.1%	ISO 10545-2 / IS 13630-1
4	Rectangularity	± 0.3% or ±1.5mm	± 0.1 %	± 0.1%	ISO 10545-2 / IS 13630-1
5	Surface Flatness	± 0.4% or ±1.8mm	± 0. 5 %	± 0.2%	ISO 10545-2 / IS 13630-1
6	Surface Quality	Min 95% free from visible defects	Min 95% free from visible defects	> 95% free from visible defects	ISO 10545-2 / IS 13630-1
	Physical Property				
7	Water Absorption	≤ 0.5%, individual Max 0.6%	Avaerage ≤0.08%, Individual 0.1%, Max	≤ 0.08%	ISO 10545-3/ IS 13630- 2
8	Modulus of Rupture	Average 35 N/mm², Individual 32N/mm², Min	Average 35 N/mm², Individual 32N/mm², Min	≥ 38N/mm²	ISO 10545-4/ IS 13630-6
9	Breaking Strength	700 N Min for thickness < 7.5 mm, 1300 Min for thickness ≥ 7.5 mm	700 N Min for thickness < 7.5 mm, 1300 Min for thickness ≥ 7.5 mm	≥ 1500 N	ISO 10545-4 / IS 13630-6
10	Moisture expansion	report value	0.02 mm/m, Max	≤ 0.02 mm/m	ISO 10545-10 / IS 13630-3
11	Scratch hardness of surface (Moh's scale)	-	5, Min	≥ 6 (Matt surface)	IS 13630 -13
12	Resistance to Surface Abrasion of Glazed Tiles for Floor Application	report abrasion class & Cycle passed	Class II , Min	PEI III-V	ISO 10545-7 /IS 13630 -11
13	Coefficient of Linear Thermal Expansion	report value	Max, 6 x 10 ⁻⁶ K ⁻¹	Max, 6 x 10 ⁻⁶ K ⁻¹	ISO 10545-8/ IS 13630-4
14	Thermal Shock Resistance	report result	10 cycles Min	No Damage	ISO 10545-9 / IS 13630 -5
15	Crazing Resistance of Glazed Tiles	report result	4 cycles @7.5 bar Min	No Damage	ISO 10545-11/ IS 13630-9
16	Impact Resistance	report value	0.55, Min	≥ 0.55	ISO 10545-5 / IS 13630-14
17	Coefficient of friction	-	Manufacturer to declare	≥0.4	ANSI A 326.3
18	Frost Resistance	report result	required if requested by purchaser	No Damage	ISO 10545-12 / IS 13630-10
19	Bulk Density (g/cc)	-	2.2, Min	≥ 2.2	ASTM C373-16 / IS 13630-2
20	Color Resistance to UV light	report result	-	No change in color	DIN 51094
21	Chemical Property (cleansers except to clear	ising agents containg Hydroflorid	c acids and its compounds)		
a	Resistance to Staining - Glazed Tiles	Min class 3	Class I, Min	Class 1 (IS)/ Class 3 (ISO)	ISO 10545-14 / IS 13630-8
b	Resistance to Household Chemicals and Swimming Pool water cleansers - Glazed tiles	GB	AA min	GA/AA	ISO 10545-13 / IS 13630-8
с	Resistance to acids and alkalis (Glazed Tiles)	report resistance class	report resistance class	GA	ISO 10545-13 /IS 13630 -8
22	Lead & Cadmium Release- for Glazed Tiles, where required	report value	-	Nil	ISO 10545-15

* ISO / IS technical specifications for Johnson tiles are applicable only for premium /1st Quality tile Please inspect all tiles prior to installation, company will not entertain any complaints once tiles are laid / fixed

S. No	ISO 13006:2018 / EN Test Description 14411 Group Bla Requirement		IS - 15622:2017 Group Blb	Johnson Marbonite Outdoor	Test Method
A)	Dimension Quality	whichever is less applicable. Rectified	Rectified		
1	Deviation in Length & Width	± 0.3% or ±1.0mm	± 0.1 %	± 0.1%	
2	Deviation in Thickness	± 5% or ±0.5mm	± 5%	± 4%	
3	Straightness of Sides	± 0.3% or ±0.8mm	± 0.1 %	± 0.1%	
4	Rectangularity	± 0.3% or ±1.5mm	± 0.1 %	± 0.1%	ISO 10545-2 / IS 13630-1
5	Surface Flatness	± 0.4% or ±1.8mm	± 0.5 %	±0.3%	
6	Surface Quality	Min 95% free from visible defects from 1 meter distance under 300 lux light	Min 95% free from visible defects from 1 meter distance under 300 lux light	Min 95% free from visible defects from 1 meter distance under 300 lux light	
B)	Physical Property				
1	Water Absorption	≤ 0.5%, individual Max 0.6%	0.08% <e≤3, Individual 3.3 max</e≤3, 	≤ 0.5%	ISO 10545-3 / IS 13630- 2
2	Scratch hardness of surface (Moh's scale)	-	≥5	≥6	IS 13630 part 13
3	Flexural Strength (Average MOR)	≥ 35 N/mm², Individual 32N/mm², Min	≥30N/mm² , Individual 27 min	≥35N/mm²	ISO 10545-4 / IS 13630-6
4	Breaking Strength	≥ 1300 N	≥1100N	≥ 1500 N	ISO 10545-4 / IS 13630-6
5	Impact Resistance	report value	≥ 0.55	≥ 0.55	ISO 10545-5 / IS 13630-14
6	Crazing Resistance	Report cycle	4 cycle	No damage	ISO 10545-11 / IS 13630- 9
7	Surface Abrasion Resistance (PEI Rating)	Report abrasion class	Class II, Min	Min PEI III - IV	ISO 10545-7 / IS 13630 - 11
8	Coefficient of friction	-	Manufacturer to declare	≥ 0.4	ANSI A 326.3
9	Bulk Density, in (g/cc)	-	≥ 2.0	> 2.2	ASTM C373-16 / IS 13630-2
10	Moisture expansion	Manufacturer to declare	Max 0.02 mm/m	≤ 0.02 mm/m	IS 13630-part 3 / ISO 10545-10
11	Frost Resistance	Manufacturer to declare	Manufacturer to declare	No Damage	ISO 10545-12 / IS 13630-10
12	Color Resistance to UV light	report result	report result	No change in color	DIN 51094
C)	Chemical Properties				
1	Resistance to Staining - Unglazed Tiles	-	Class 2, Min	Class 2, Min	
	1) Resistance to Low concentrations of acids & alkalies	report resistance class	report resistance class	GLA/AA	
	2) Resistance to High concentrations of acids & alkalies	report resistance class	report resistance class	GHA/AA	ISO 10545-13 / IS 13630-8
	3) Resistance to household chemicals and swimming pool salts	GB min	AA min	GB(ISO)/AA(BIS)	
2	Stain resistance	Min class 3	Class 1 min	Class 1 (IS)/ Class 3 (ISO)	ISO 10545-14 / IS 13630-8
D)	Thermal Properties				
1	Linear Thermal Expansion	Report value	≤7 x 10 ⁻⁶ K ⁻¹	≤7 x 10 ⁻⁶ K ⁻¹	ISO 10545-8/ IS 13630-4
2	Thermal shock resistance	-	10 Cycle, Min	10 Cycle, Min	ISO 10545-9 / IS 13630 -5

Ramp Test: Suitable for all kind of surfaces (Plain, structural..etc)
Slider (BOT -3000E Digital Tribometer): suitable for plain / smooth surface and not working for structural / profiled surface

PACKING DETAILS ____

Product	Sizes	Finishes	No of Tiles/Box	Approx Area/Box (sq m)	Approx Weight/Box (kgs)	Approx Cartons/ 20' Container	Approx Area per Container (sq m)
80X300 - 15mm	80X300	FB	1	2.4	84	321	770
80X240 - 15mm	80X240	FB & DSB	1	1.92	67.5	400	768
120X180 - 15mm	120X180	FB	1	2.16	77	350	756
60x120 Solid Surface	60x120	FB Polished	2	1.44	26	1038	1495
		FB Matt	2	1.44	29.5	915	1318
60X120 FB - 10mm	60x120	Matt	2	1.44	31	870	1253
60X120	60x120	DC Polished	2	1.44	25	1080	1555
60x120 - Elegance Series	60x120	Elegance High End	2	1.44	26	1038	1495
80x80 Elite	80x80	DC Polished	3	1.92	36	750	1440
60x60 Solid Surface	60x60	FB Polished	4	1.44	25	1080	1555
		FB Matt	4	1.44	30	900	1296
60x60 Elite	60x60	DC Polished	4	1.44	25.5	1058	1524
60X60 FB - 10mm	60x60	Matt	4	1.44	31	870	1253
60X60 FB	60x60	Rustic	4	1.44	27.5	981	1413
60X60 -12mm - Parking	60x60	Matt	3	1.08	27.5	981	1059
60x60 -Elegance Series	60x60	Polished	4	1.44	25	1080	1555
		Matt	4	1.44	25	1080	1555
60x60 - Smart Series	60x60	Polished	4	1.44	25.5	1058	1524
		Matt	4	1.44	26	1038	1495
400X400	40x40	Matt	5	0.80	18	1500	1200
60X60 SS	60x60	Polished	4	1.44	23.5	1148	1653
60X60 TR	60x60	Matt	4	1.44	24.5	1102	1587

Region	Branch	Tel.:
	Kolkata	033-46021880
	Bhubaneshwar	0674 6539836/37/2430240
East	Siliguri	9836065812
	Guwahati	8135846661/7575900492
	Ranchi	6202065659
	Mumbai	022-40647500
	Thane	022-25867600 / 666
	Pune	020-41301164 / 31
West	Aurangabad	8669600748
	Ahmedabad	079-48480010
	Raipur	0771-4919129
	Indore	0731-4007441
	Jalandhar	0182-4505038 / 39
North	Chandigarh	0172-4697100
	Delhi	011-49526600

YOU CAN ALSO REACH US AT

Region	Branch	Tel.:
	Jaipur	0141-2368329
N	Lucknow	0522-2721699
North	Varanasi	0542-2222620
	Patna	6202065659
	Bengalure	080-22234310/080-22234330
	Hyderabad	040-29802270 / 71 / 72
	Vijayawada	9666429666
	Vishakhapatnam	0891-2796376
	Tirupati	9121228960
South	Kochi	0484-4871277
South	Kozhikode	0422-4382698
	Thiruvananthapuram	0471-2720141
	Chennai	044-28544116 / 28541881
	Coimbatore	0422-4382698
	Madurai	0452-4355584 / 4355594
	Trichy	9486718544

EXPERIENCE CENTERS

Location	Address	Tel.:
Kolkatta	HOUSE OF JOHNSON - 83 JBS Haldane Avenue, TOPSIA Trinity towers Kolkata - 700046	033-46021880
Guwahati	HOUSE OF JOHNSON - 1st Floor, Above Royal Riders Honda, Near Rahul Kata, Pub Bragaon, Garchuk, Guwahati - 781035	7575900492
Bhubaneshwar	HOUSE OF JOHNSON - Ray Tower, 1st Floor, N4/237, Indradhanu market, IRC Village, Nayapalli, Bhubaneshwar, Orissa - 751015	0674 6539836/37/2430240
Patna	HOUSE OF JOHNSON – SK Builders and colonizer Pvt.Ltd.,1st Floor, SK Palace, Saguna more, Bihar – 801503.	9702651243
Chandigarh	HOUSE OF JOHNSON - SCO 214, sector14, Panchkula, Haryana - 134109	0172-4637724
Delhi	HOUSE OF JOHNSON - First & Mezzanine Floor, B-1/G-3, Mohan Industrial Estate, Mathura Road, New Delhi - 110094.	11-49526600
Lucknow	HOUSE OF JOHNSON - 1st Floor, Prithvi Ratan Height, Plot No CP-4, Vijayant khand - 3, Gomtinagar Yojna, Lucknow - 226028	0522-2721699
Varanasi	HOUSE OF JOHNSON - Ashakunj, 1st floor, D59/103 D4, Opp Siddharth Complex, Sigra Mehmoorganj Road, Varanasi - 221010	0542-2222620
Aurangabad	House Of Johnson Aurangabad - Gut No 16/44, NH-211, Near Balapur Phata, Near Ramkisan Lawns, Beed Bypass Road Aurangabad 431005	8669600748
Pune	HOUSE OF JOHNSON - Sable House, Poona Snuff Factory, Sr. No 11A, Plot 408/4/5, Satara Road, Gultekadi, Pune - 411037	7350009364
Thane	HOUSE OF JOHNSON - Shop No.5, Gr.Floor, Cosmos Jewels, Near Dmart, Anand Nagar, Ghodbunder Road, Thane West - 400615	8424003247
Mumbai - Andheri	HOUSE OF JOHNSON - 1st flr, Bonanza, Sahar Plaza, Nr Hotel Kohinoor continental, J B Nagar, Andheri Kurla Road, Andheri East, Mumbai - 400059	8108030975
Ahmedabad	HOUSE OF JOHNSON - F 106-107, Shivalik Plaza, IIM Road, Panjrapole Cross Road, Ahmedabad, Gujarat - 380015	079-48480010
Indore	HOUSE OF JOHNSON - Shop No 5, 6, 7 and 8, Upper Ground Floor, Exotica, Shalimar Township, Village Niranjanpur, A. B. Road, Indore, Madhya Pradesh - 452001	0731-4007441
Raipur	HOUSE OF JOHNSON - 2nd Floor, MM Silver Plaza, Opp Udyog Bhawan, Ring Road - 1, Raipur, Chattisgarh - 492001	771-4919129
Coimbatore	HOUSE OF JOHNSON - Elysium Towers, Park Gate Rd, No. 21, ATT Colony, Gopalapuram, Coimbatore - 641018	0422-4382698
Chennai	HOUSE OF JOHNSON - 82, 84 & 86 Bascon Maeru, 1st floor, Kodambakkam High Road, Nungambakkam, Chennai - 600034	044-48611632
Kochi	HOUSE OF JOHNSON - Door no. 11/300 f, Next to VTJ Hyundai, NH 47 Kundanoor, Maradu, Kochi, Ernakulam - 682304	0484-4871277
Kozhikode	HOUSE OF JOHNSON - Tilal Tower, Near Nexa Showroom, Kudilthod, Malaparamba bypass, Kozikode, Kerala - 673017	0495-2357505
Thiruvananthapuram	HOUSE OF JOHNSON -1st Floor, Sreedhanya Apex, TC 22/3720 (4) Vellayambalam, Sasthamangalam PO, Thiruvananthapuram, Kerala - 695010	0471-2720141
Bengalure	HOUSE OF JOHNSON - No.39, Rajaram Mohan Roy Road , Opp. Kanteerava indoor Stadium, Bengalure - 560027	080-22234310/080-2223433
Bengalure	HOUSE OF JOHNSON - Dodda Banaswadi, Opp. New Baldwin Residential School, Bengalure-560043	080-41692976 / 41692060
Hyderabad	HOUSE OF JOHNSON - SP Jubilee Crown (3rd Floor) Plot - 1270, Road No.36, Jubilee Hills, Hyderabad – 500033	8897525143

For address and contact numbers of our Johnson Exclusive Showrooms and Authorized Retailers, please visit our website www.hrjindia.com



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