



CRYSTAL CERAMIC INDUSTRIES LIMITED

(Formerly Known as Crystal Ceramic Industries Private Limited)

Corporate Office : 101, 102, Eleanza Vertex, Sindhu Bhavan Road, B/h Armieda, Bodakdev, Ahmedabad - 380 054, Gujarat.

Factory : At. & Post : kaiyal, Kaiyal Shedhavi Road, Tal : Kadi, Dist.: Mehsana - 384 450, Gujarat.

Email : export2@crystalceramic.com
Website : www.crystalceramic.com
Customer Care No. : +91 74348 50411



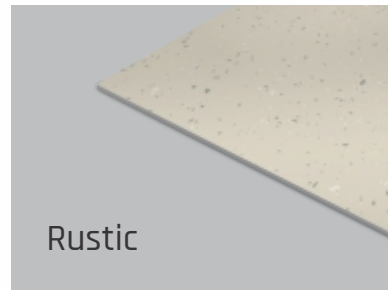
Digital Glazed Vitrified Tiles

600x600mm

www.crystalceramic.com

Digital Glazed Vitrified Tiles

600x1200mm & 600x600mm & 400x400mm



Application Areas

- Wall Tiles
- Floor Tiles
- Glossy
- High Gloss
- Rustic
- Random
- Digital
- Commercial
- Domestic
- Interior
- Correct Rectified

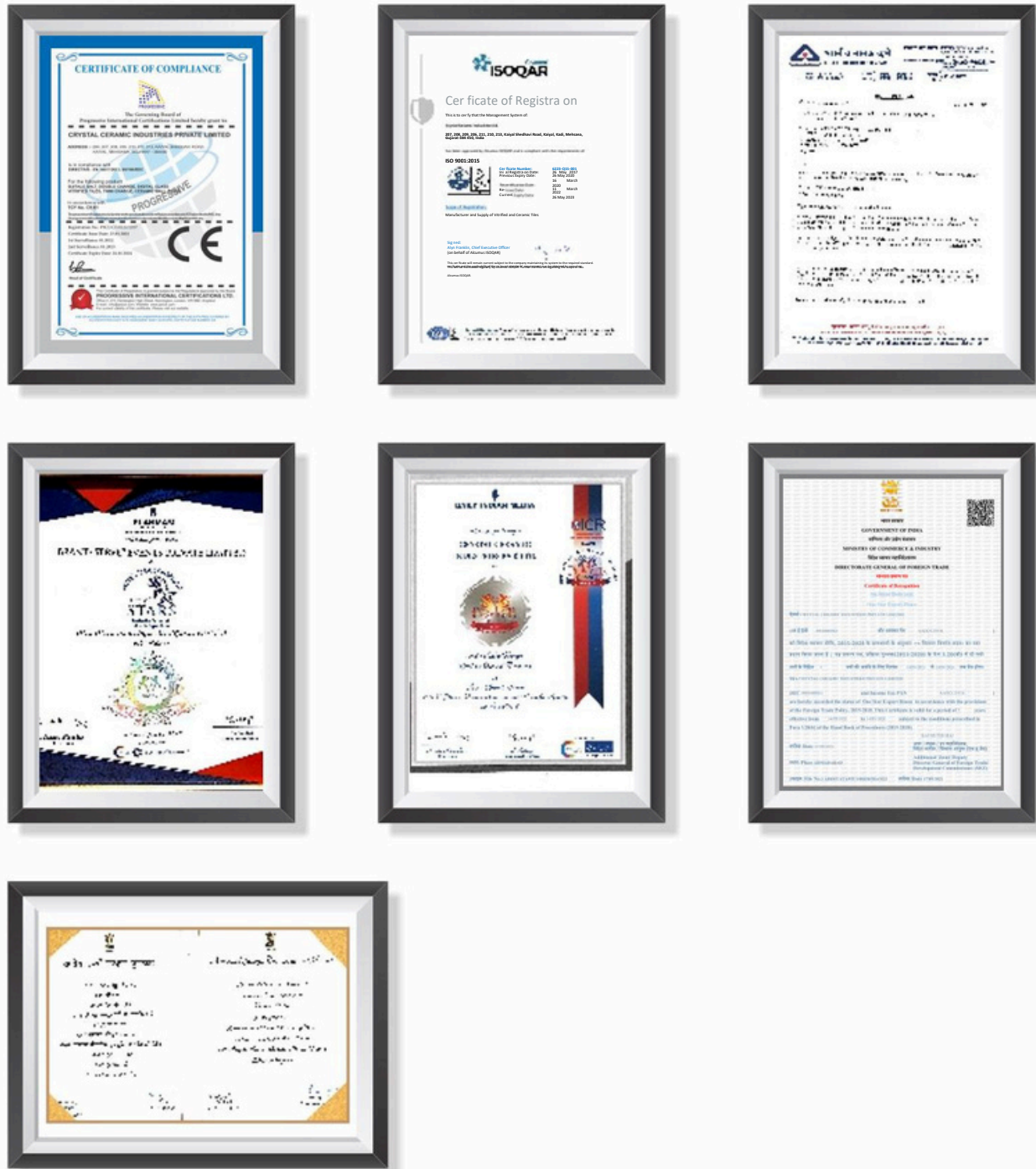
Features

- SUPERIOR STRENGTH
- HYGIENIC SURFACES
- SCRATCH RESISTANT
- EASY INSTALLATION
- FLEXIBLE BODY
- THERMAL SHOCK RESISTANCE
- FIRE RESISTANT
- UV RESISTANT
- NON-RESIN PRODUCT
- FROST RESISTANCE
- STAIN RESISTANT
- ECO FRIENDLY



Timeless creations like seven wonders that always stand test of time. With years of research and advances we are launching a well refined assortment inspired by these timeless architectural beauties. To give even and charismatic look to your flooring is available in grader size of 600x1200mm & 600x600mm.

Certificates



About Us

Crystal is more trusted & favorite brand with production in quality through continues improvement, innovation, research development exploring new idea.

Crystal founding pillars are built on integrity, honesty & trust - high quality with competitive prices. Customer have a smooth and streamlined experience satisfying customer service.

Crystal has focused towards the quality of products and designs which has magnified in last 2 decades catering the needs of customers. It is due to the joint efforts of all of us that we can work for so many years and still we have to work together for a long years. We need your support and cooperation to move forward. From management to retail customer, if everyone will work with each other's association, not only work will be done very well but we all will be able to move forward together.

Achievements

- A. Registered with government of Gujarat under Vibrant Gujarat Summit
- B. Certified with ISO 9001:2015 and CE mark
- C. Got product approval from various government as well corporate sectors like:
 - 1) Military Engineer Services (mes)
 - 2) Central Public Works Department (cpwd)
 - 3) National Thermal Power Corporation (ntpc)
 - 4) Public Implementation Unit (piu)

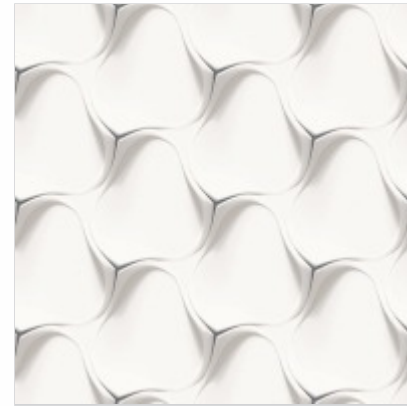
600x600mm | GLOSSY

WALL TILES | FLOOR TILES | GLOSSY | RANDOM | DIGITAL

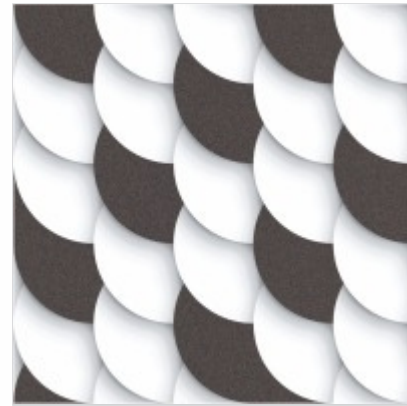
CORRECT RECTIFIED | INTERIOR | COMMERCIAL | DOMESTIC



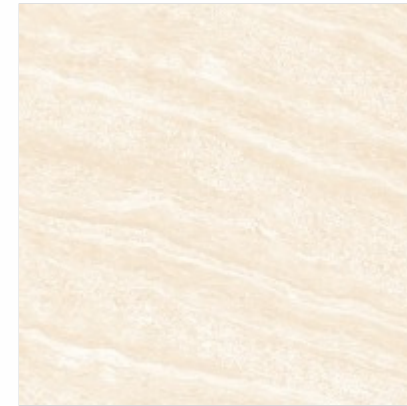
GL 3D 021



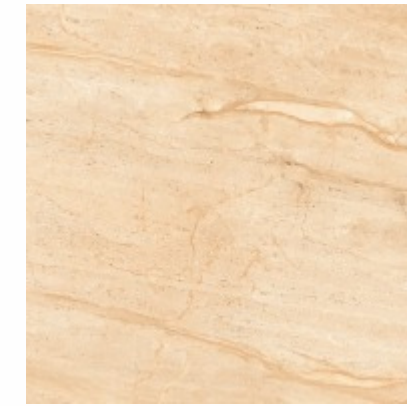
GL 3D 059



GL 3D 062



GL AMAZON BEIGE



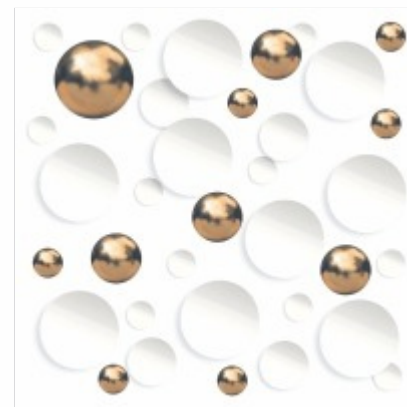
GL BRUNA BEIGE



GL CARARA BROWN



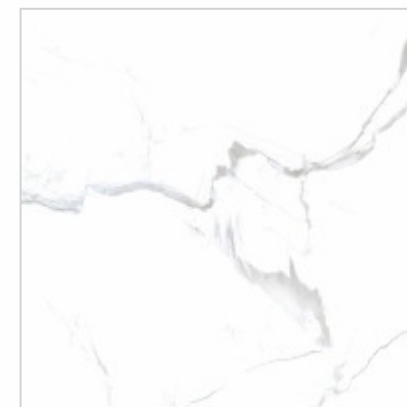
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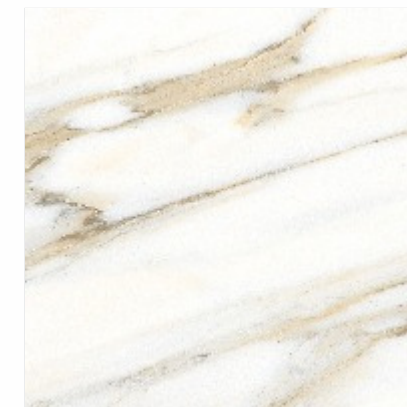
GL 3D 067



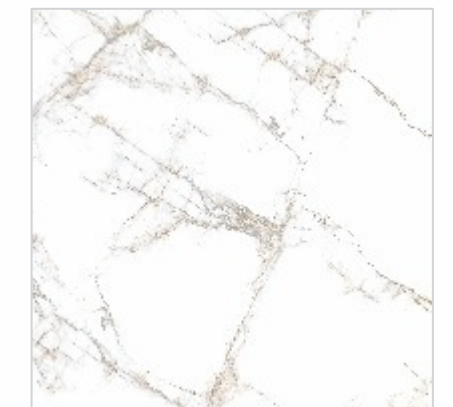
GL 3D 8006



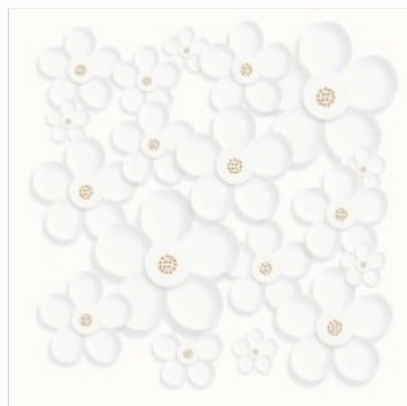
GL CARARA WHITE



GL CARARA GOLDEN



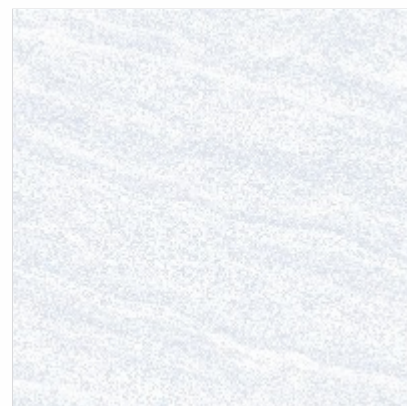
GL CRESPO CARARA



GL 3D 1010



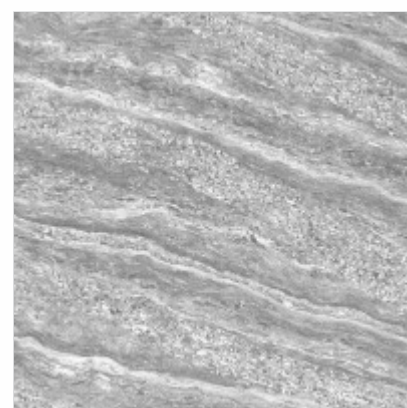
GL 3D CUFIA DECORE



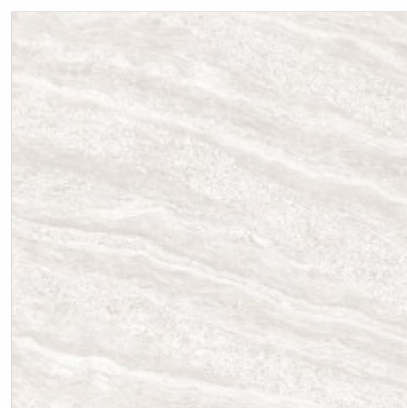
GL AMAZON WHITE



GL 3D ASTER BIANCO



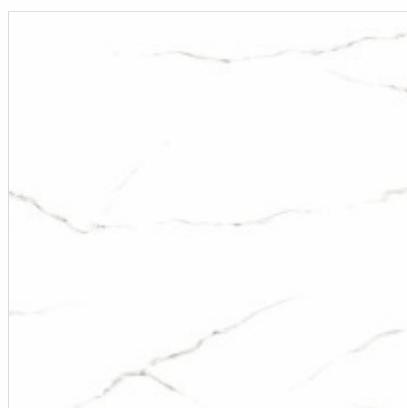
GLS AMAZON SLATE



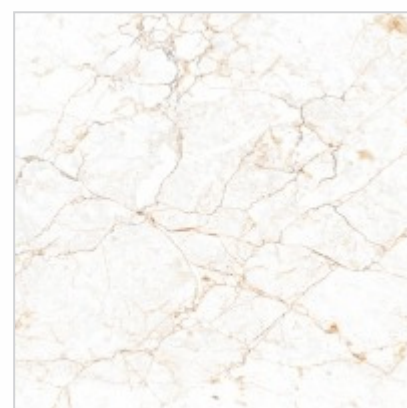
GLS AMAZON PINK



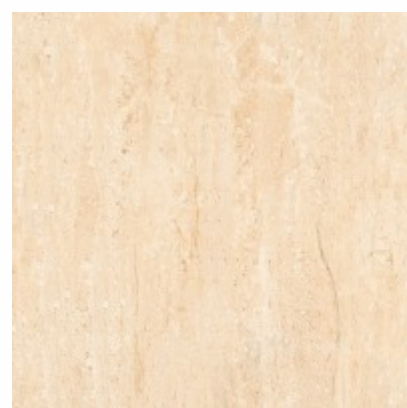
600x600mm | GLOSSY



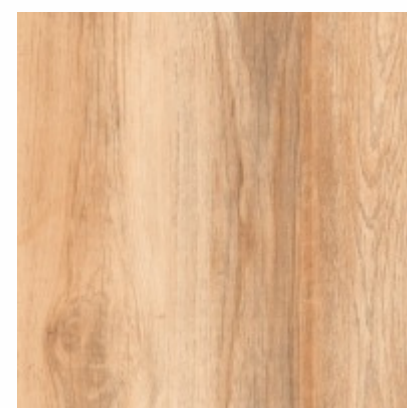
GL CULCUTTA WHITE



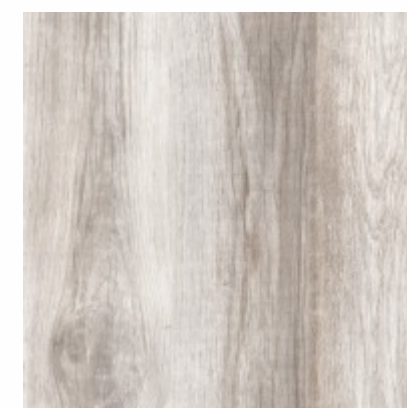
GL CYRO BROWN



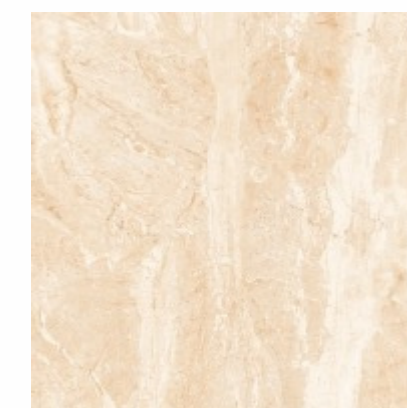
GL DIANA BEIGE



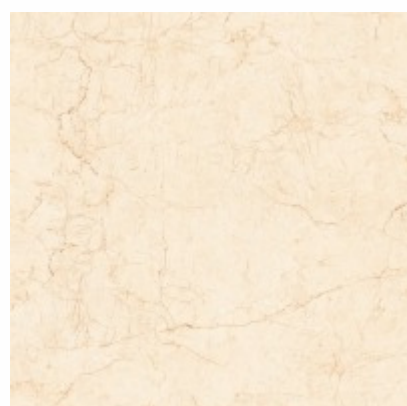
GL TRISTA BROWN



GL TRISTA GREY



GL VERONA BEIGE



GL PLANA BEIGE



GL MARBO BEIGE



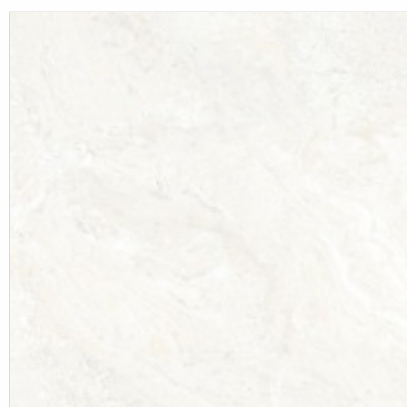
GL GAMA BEIGE



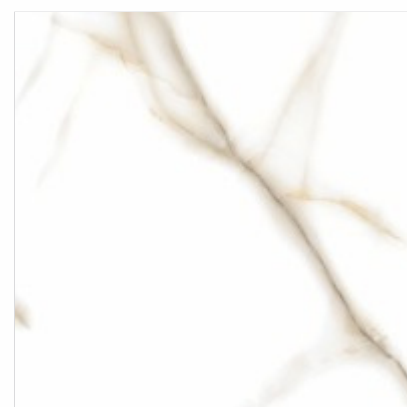
GL VENCY ONYX



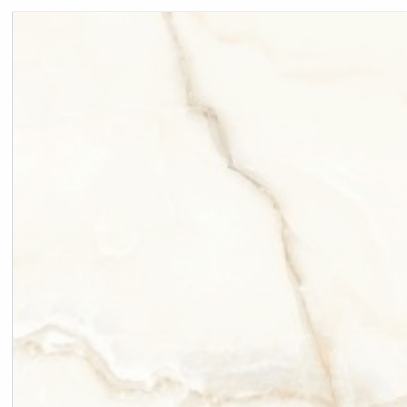
GL CRYSTAL NERO



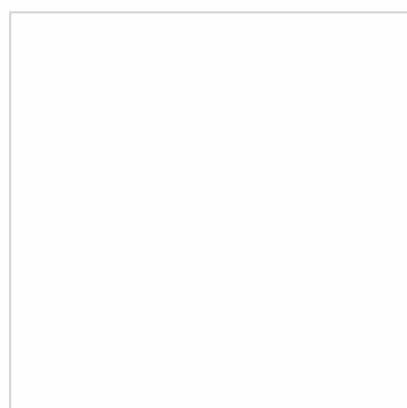
GL NICOLA GREY



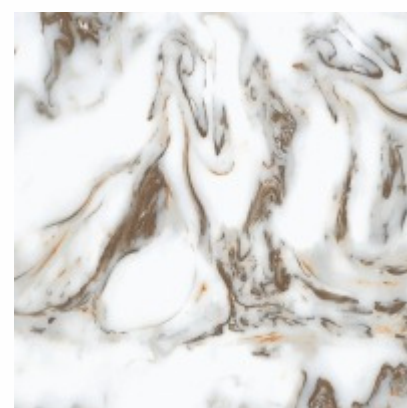
GL LINO WHITE



GL ONYX CREMA



GL SUPER WHITE



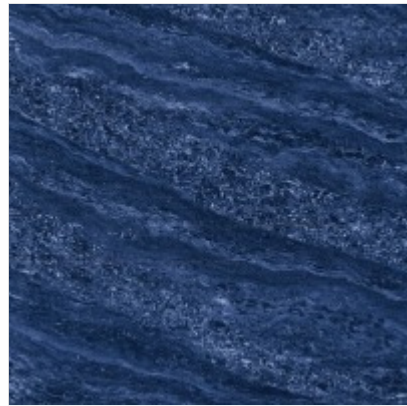
GL RIVER BROWN



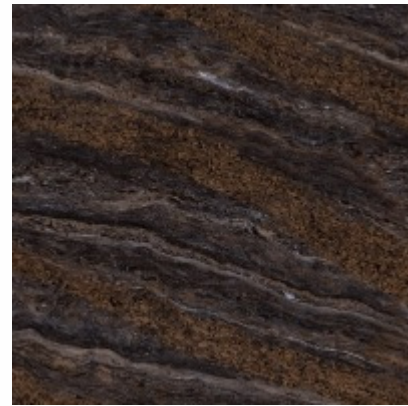
GL RIVER BLUE



600x600mm | HIGHGLOSS



UHG AMAZON AZURE



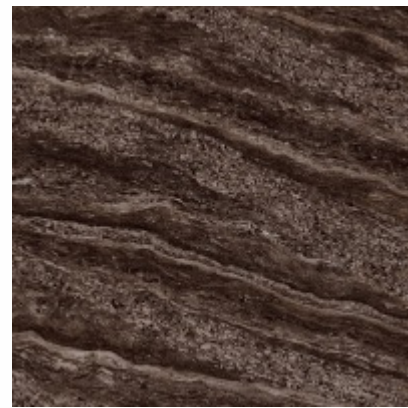
UHG AMAZON LEVANTA



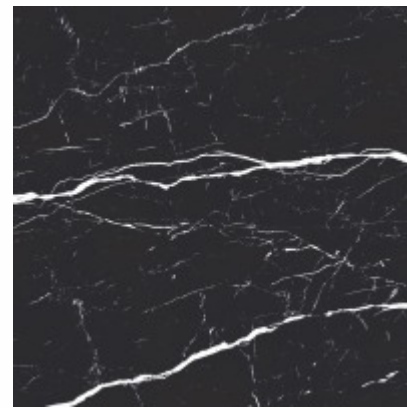
HG HONEY MUSHROOM



HG AMAZON ASH



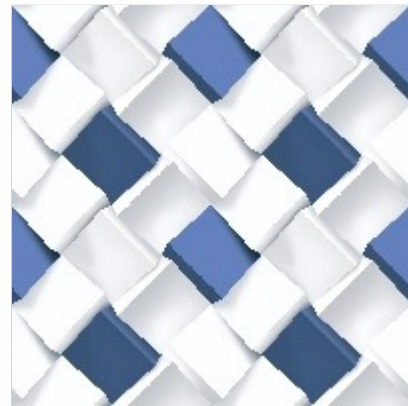
HG AMAZON COFFEE



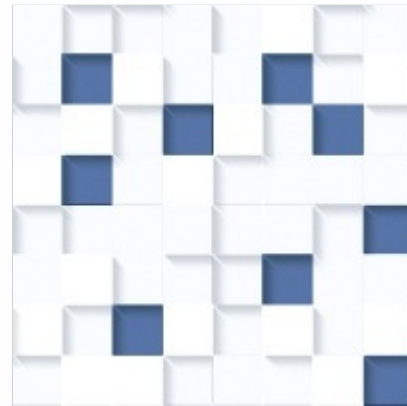
HG CRYSTAL BLACK



HG SEQUIA BLACK



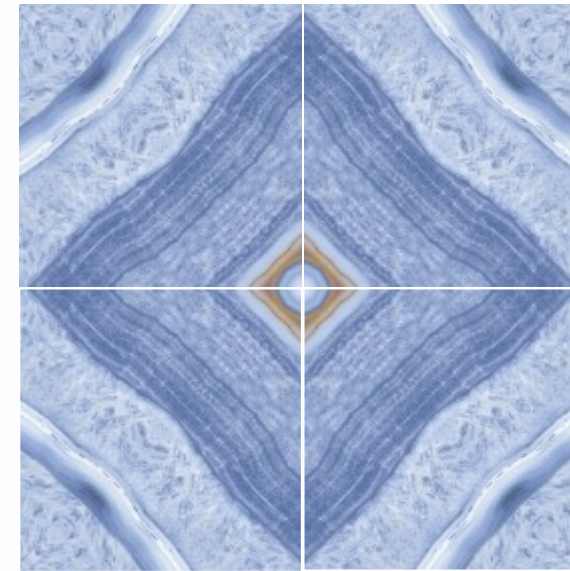
3D BLUE CUBIC SQUARE



3D NICOLA BLUE CUBES



600x600mm | BOOKMATCH



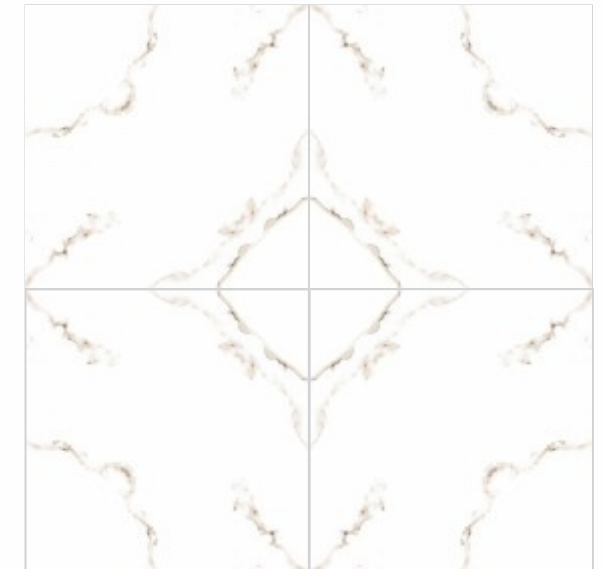
BM GL 1017



BM GL 6004



BM GL ALBASTRIO



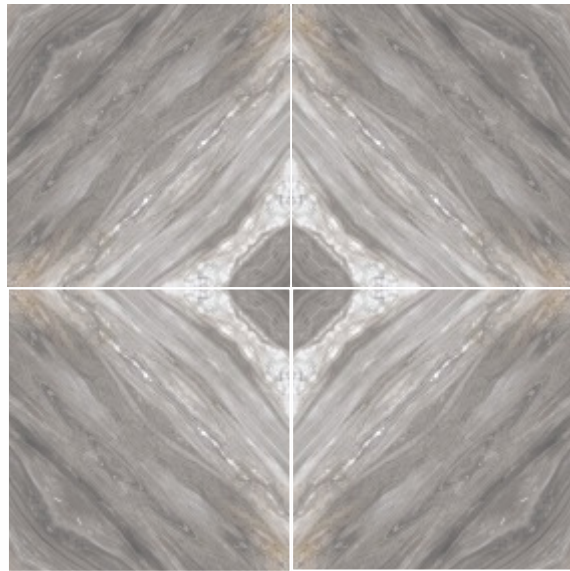
BM GL SATUARIO



600x600mm | BOOKMATCH

- WALL TILES
- FLOOR TILES
- GLOSSY
- RANDOM
- DIGITAL

- CORRECT RECTIFIED
- INTERIOR
- COMMERCIAL
- DOMESTIC



BM GL CABRIO DK



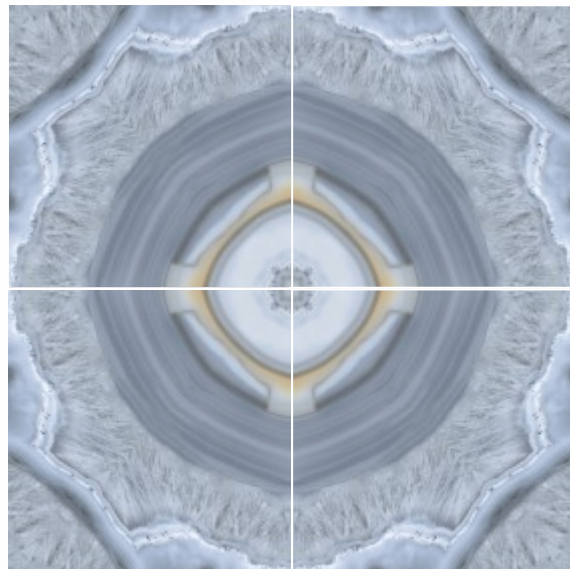
BM GL CABRIO LT



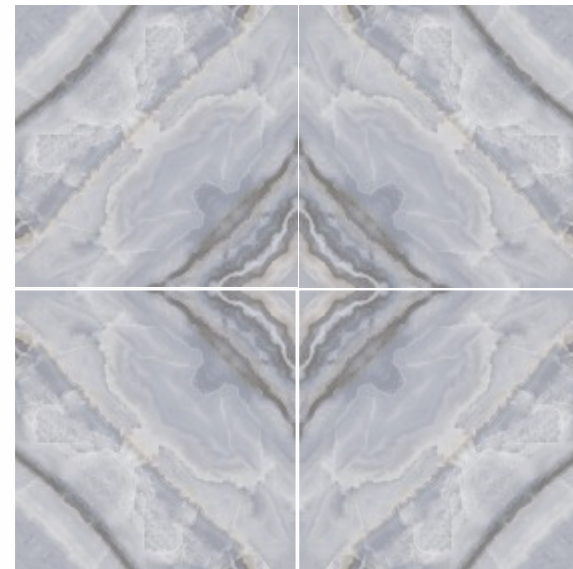
BM GL TRAVENTINO



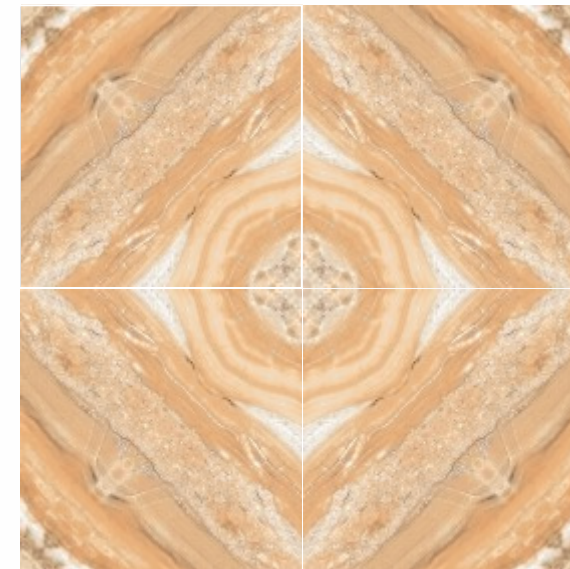
BM GL TORSO



BM GL PERLY BLUE



BM GL RIVERIO



BM GL TRIGIA



600x600mm | ROCKER | RUSTIC

WALL TILES FLOOR TILES MATT RANDOM DIGITAL

CORRECT RECTIFIED INTERIOR COMMERCIAL DOMESTIC



RRK PLANK WOOD DECOR



RS 4505



RS 4509



RS CASTENIA BEIGE



RS HIMALYAN BEIGE



RS HIMALYAN BROWN



RS 4517



RS 4535



RS 4539



RS ROYAL WOOD BEIGE



RS ROYAL WOOD BROWN



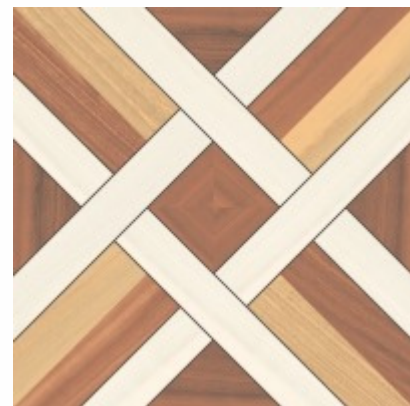
RS COMBO WOOD DECOR



RS 4543



RS 4545



RS 4546



RS 4571



RS 4574



RS GEMSTONE DECOR



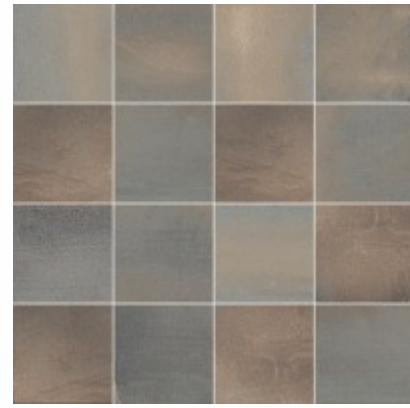
600x600mm | ROCKER | RUSTIC



RS PIZARRA CHOCO



RS PIZARRA GREY



RS ARTIZ DECOR



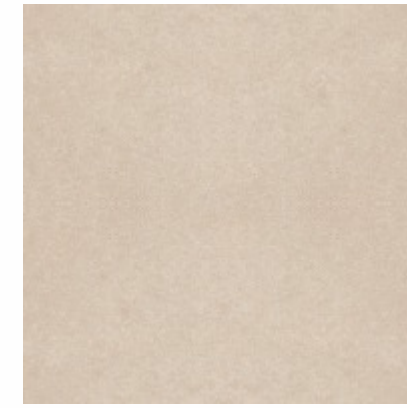
RS ARIZONA DECOR



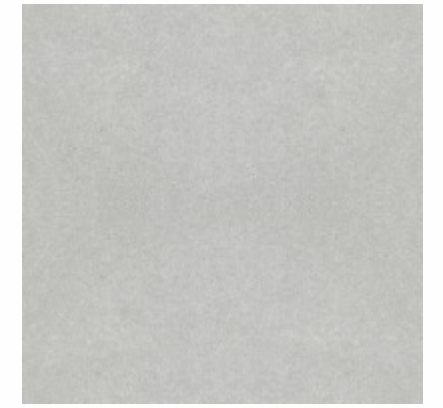
600x600mm | RUSTIC



RS CEMENTO BEIGE



RS CEMENTO BROWN



RS CEMENTO GREY



RS HILTON GREY DK



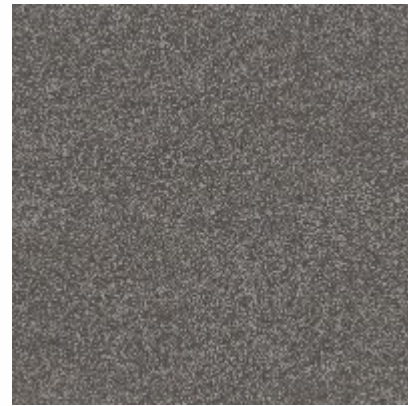
RS HILTON GREY LT



600x600mm | SATIN



ST ROYAL GREY



ST ROYAL NERO



ST CARRARA WHITE



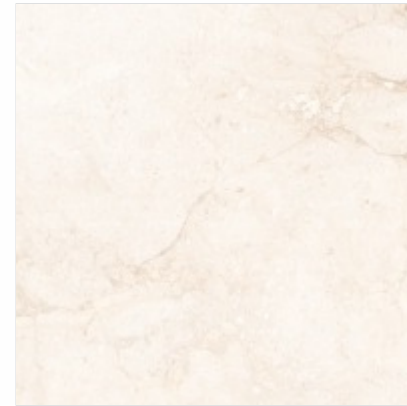
ST ROYAL BEIGE



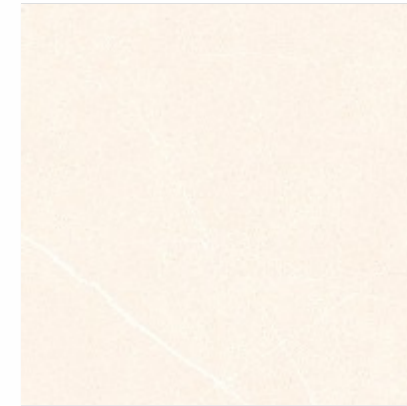
ST SAHARA GREY



600x600mm | HD-GLOSSY



HDG AARON CREMA



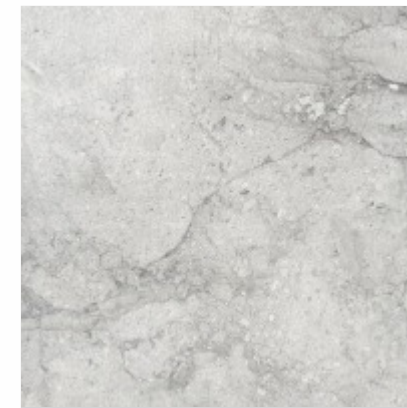
HDG CRAFT CREMA



HDG RUNA BROWN



HDG ATTIC GREY



HDG AARON GREY



HDG RANZO GREY



600x600mm | HD-RUSTIC



HDR CIVIC WHITE



HDR PLUTO PINK



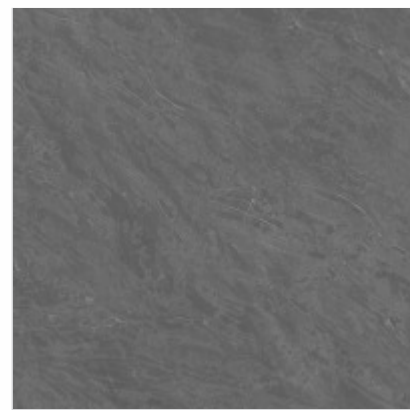
HDR ONIDA WHITE



HDR PLUTO GREY



HDR CIVIC GRIS



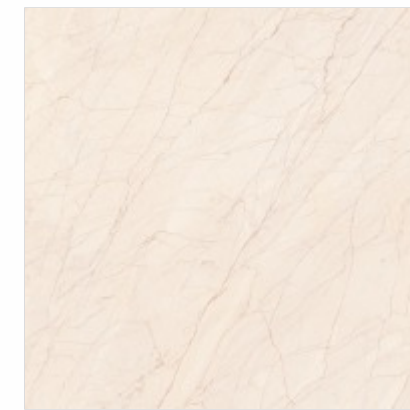
HDR ONIDA GREY



600x600mm | CARVIN



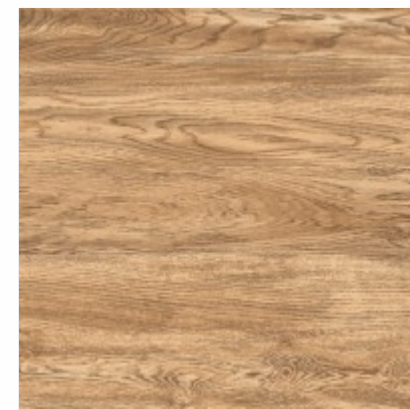
CR NOOR GREY



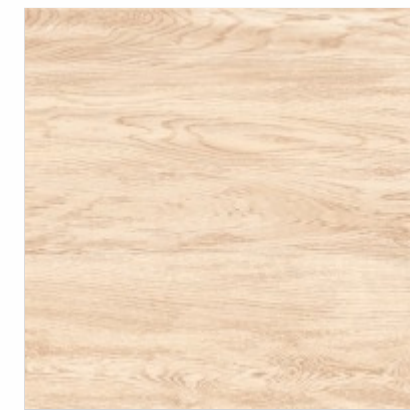
CR NOOR CREMA



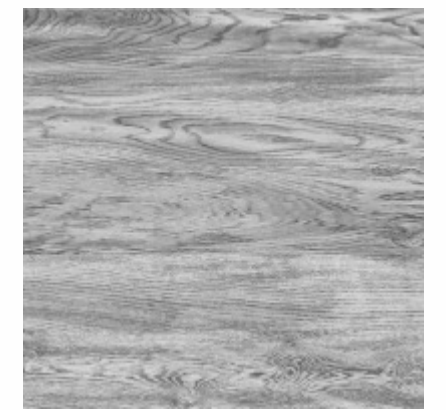
CR NOOR BROWN



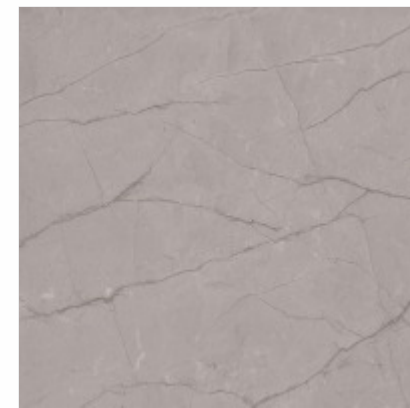
CR TIMBER BEIGE



CR TIMBER CREMA



CR TIMBER GREY



CR ADMIRE GREY



CR PERADO GREY



TECHNICAL SPECIFICATION

CHARACTERISTIC			
DIMENSION & SURFACE QUALITY	INTERNATIONAL SPECIFICATIONS ISO 13006/EN 14411 GROUP BIA & IS 15622 : 2017	CRYSTAL VALUE	METHOD OF TESTING
Deviation In Length & Width	± 0.6%	± 0.1%	ISO 10545 – 2
Deviation In Thickness	± 5%	± 3%	ISO 10545 – 2
Straightness Of Sides	± 0.5%	± 0.1%	ISO 10545 – 2
Rectangularity	± 0.6%	± 0.2%	ISO 10545 – 2
Surface Flatness**	± 0.5%	± 0.2%	ISO 10545 – 2
Glossiness**	–	Min. 90% Reflection	Glossmeter
PHYSICAL & THERMAL PROPERTIES			
Water Absorption	< 0.5%	< 0.05%	ISO 10545 – 3
Mohs Hardness	Min. 5	Min. 5	ISO 10545 – 13
Flexural Strength (Mor)	> 35N/mm ²	>40N/mm ²	ISO 10545 – 4
Surface Abrasion Resistance**	As per Manufacturer State Class	PEI-II-V	ISO 10545 – 7
Skid Resistance**	> 0.4	N.A	ISO 10545 – 17
Breaking Strength	1300 N	2000 N	ISO 10545 – 4
Bulk Density (g/cc)	> 2.0	> 2.2	DIN 51082
Frost Resistance	Frost Proof	Frost Proof	ISO 10545 – 9
Thermal Shock Resistance	No Damage	No Damage	ISO 10545 – 9
Thermal Expansion	< 9 x 10 ⁻⁶	< 6 X 10 ⁻⁶	ISO 10545 – 8
Moisture Expansion	Nil	Nil	ISO 10545 – 10
CHEMICAL PROPERTIES			
Chemical Resistance	No Damage	No Damage	ISO 10545 – 13
Color Resistance to UV Light	No Damage	No Damage	DIN 51094
Stain Resistance	Resistant	Resistant	ISO 10545 – 14

** These parameter are not applicable for structured punches.

PACKING DETAILS

Size	Weight per Box (Approx)	No. of Tiles / set	Area Sq.mtr / Box
600x1200 mm	28 kgs. (Approx)	2	1.44 m ²
600x600 mm	26.50 kgs. (Approx)	4	1.44 m ²

DISCLAIMER:

Crystal Ceramic Industries Pvt. Ltd. reserves the right to delete & amend either totally or partially, any of the colors, shapes, sizes, references and other technical specifications contained in this catalogue at anytime. The colors of tiles shown in this catalogue are purely illustrative and limited to printing process. Please refer actual sample before final selection. The details of sizes, colors, references should be verified for typographical errors. All complaints need to be reported within 10 days of purchase. Always follow instructions to avoid complaints due to bad masonry.

CHARACTERISTICS				
(A) DIMENSION & SURFACE QUALITY	Requirement as per ISO 13006:2012 Gr Bla Eb≤0.5%	Requirement as per IS 15622:2017 Gr Blb 0.08% ≤E<3.0%	Value	Test Method
Deviation In Length & Width	± 0.6%	± 0.1%	± 0.1%	ISO 10545 Part-2 IS 13630 Part-1
Deviation In Thickness	± 5.0%	± 5.0%	± 3.0%	ISO 10545 Part-2 IS 13630 Part-1
Straightness of Edge	± 0.5%	± 0.1%	± 0.1%	ISO 10545 Part-2 IS 13630 Part-1
Rectangularity	± 0.5%	± 0.1%	± 0.1%	ISO 10545 Part-2 IS 13630 Part-1
Surface Flatness	± 0.5%	± 0.5%	± 0.2%	ISO 10545 Part-2 IS 13630 Part-1
Water Absorption % By Wt.	≤ 0.5, Ind 0.6 Max.	0.08%≤E≤3.0, Ind 3.3 Max.	≤ 0.5	ISO 10545 Part-3 IS 13630 Part-2
Flexural Strength (MOR) In N/mm ²	Avr.30, Ind. Min. 27	Avr.30, Ind. Min. 27	≥35 N/mm ²	ISO 10545 Part-4 IS 13630 Part-6
Breaking Strength in N	1300 N Min.	1100 N Min.	> 1800 N	ISO 10545 Part-4 IS 13630 Part-6
Resistance to Surface Abrasion	Manufacturer to State Class	PEI II Min	Min.PEI IV	ISO 10545 Part-7 IS 13630 Part-11
Thermal Shock Resistance	10 cycle Min.	10 cycle Min.	No Damage after 10 cycles	ISO 10545 Part-9 IS 13630 Part-5
Moisture Expansion in mm/M	Test Method Available	0.02 Max.	Nil	ISO 10545 Part-10 IS 13630 Part-3
Cracking Resistance	Required	4 Cycle at 7.5 bar Min.	Resistance	ISO 10545 Part-11 IS 13630 Part-9
Frost Resistance	Resistance	Resistance	Resistance	ISO 10545 Part-12 IS 13630 Part-10
Moh'S Scratch Hardness	Min. 5	Min. 5	Min. 7	EN 101 IS 13630 Part-13
Resistance To House hold Chemicals	No Damage	Min Class AA	Class AA	ISO 10545 Part-13 IS 13630 Part-8
Resistance To Acids & Alkalis (Except HF Acid)	No Damage	Min Class AA	Class AA	ISO 10545 Part-13 IS 13630 Part-8
Stain Resistance	Min Class 3	Min Class 1	Class 1	ISO 10545 Part-14 IS 13630 Part-8

PACKING DETAILS:

Size. (MM)	Thickness	Weight (Kg.)	No. Of Tiles/set	Area Sq.mtr/box
400x400mm	11.3 to 11.8	20.5Kg.	5 PCS	0.80 M ²

*Notes:

- All technical specifications in this catalogue are for premium grade material only.
- SHADE/SIZE VARIATIONS** are inherent characteristics of ceramics. Certain products purposely have variations which are part of design & process. The same have been indicated.
- It is recommended to blend tiles by mixing tiles from various boxes & check for natural hue before fixing the tiles.
- It is recommended to check the tiles before laying/fixing. Quality standards cover only 1st/premium quality only.
- Company's liability is limited to material that has not been laid.
- NO COMPLIANT SHALL BE ENTERTAINED ON TILES ALREADY FIXED/LAID.**
- The liability is also limited to the material supplied by the company; no other claim is entertained under any circumstances.
- No complaint is entertained on decoration done on tiles, other than the ones done by CRYSTAL TILES

GENERAL NOTE: ANY COMPLAINT MUST BE BROUGHT TO THE COMPANY'S NOTICE WITHIN 10 DAYS OF PURCHASE & BEFORE FIXING OF TILES.

How to avoid defects & complaints :

- Use good quality Tiles
- Choose good quality Tiles, with proper consideration to area intended of usage.
- Avoid careless laying of Tiles
- Avoid poor maintenance-for instance, by cleaning with strong chemicals or with abrasive equipment e.g. metallic scrubber
- Always keep Tiled area clean & ensure dusting/mopping regularly
- Put Doormats/Foot-mats at all strategic locations to avoid loose debris/dust from entering the Tiled area

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