

400X400MM

ULTRA STRONG OUTDOOR VITRIFIED TILES

“The choice powered by
Quality and **Beauty**”



APPLICATION AREAS



Frost
Resistant



Zero
Maintenance



Stain
Resistant



Durable
Over Time



Suitable for
Vehicles



Resistant to
Loads



Resistant to
Deep Scratch



Suitable for
Crowded Area



Slip
Resistant



Resistant to
Acids and Chemicals

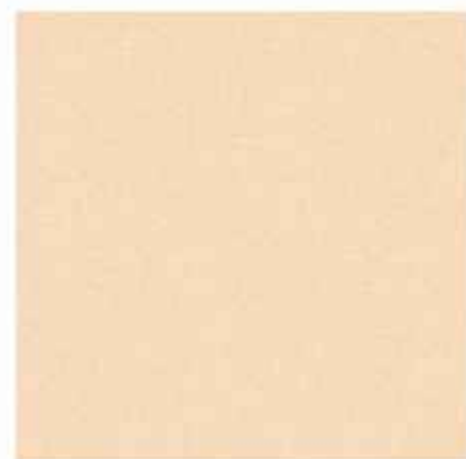


Environment
Friendly

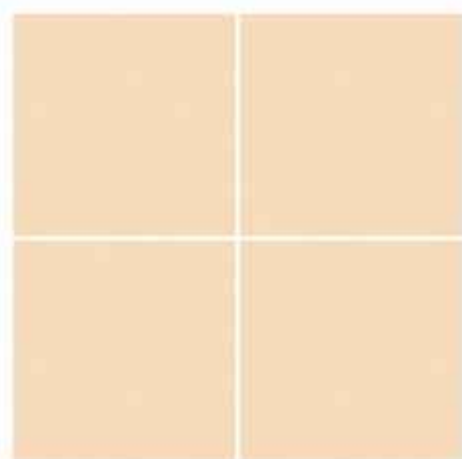


Rectified

NEW



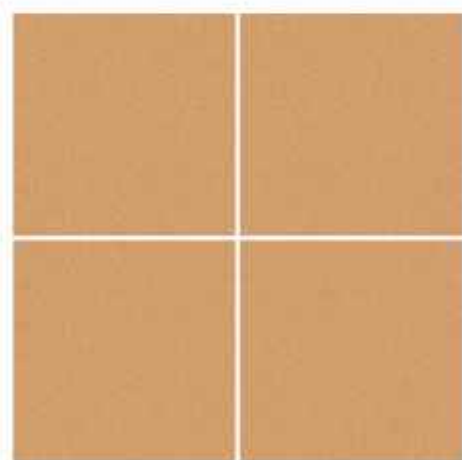
POLARIS BEIGE



V1



POLARIS BROWN



V1



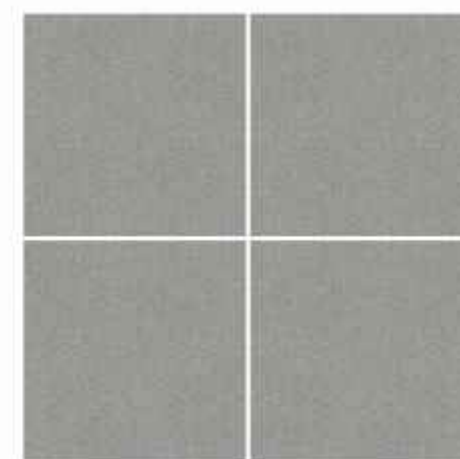
POLARIS GREY



V1



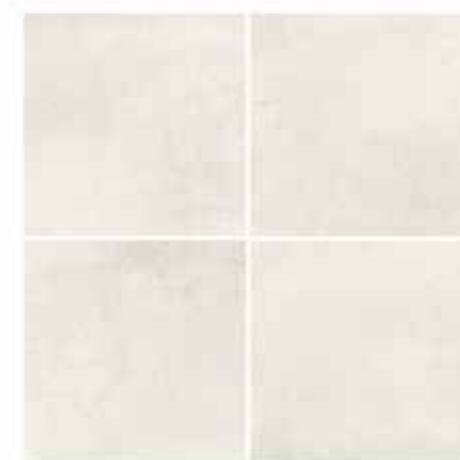
POLARIS GRIS



V1



ACTEON GREY



V4



ACTEON GRIS

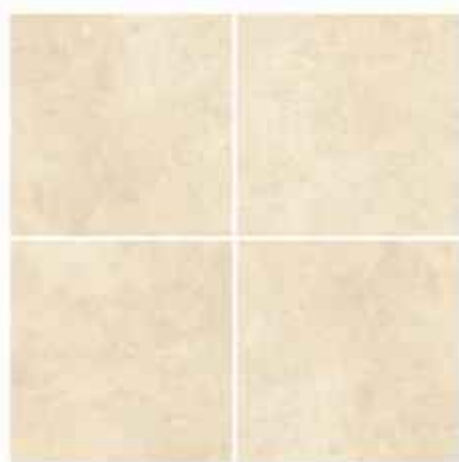


V4

NEW



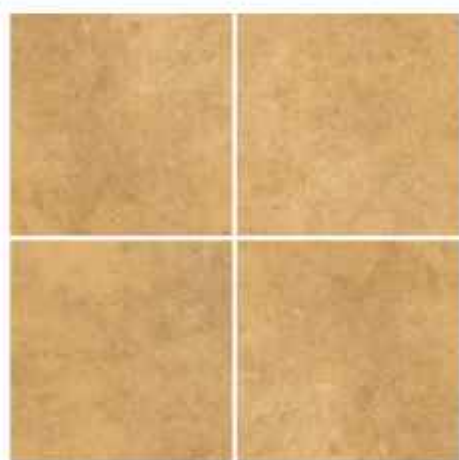
VERIN BEIGE



V3



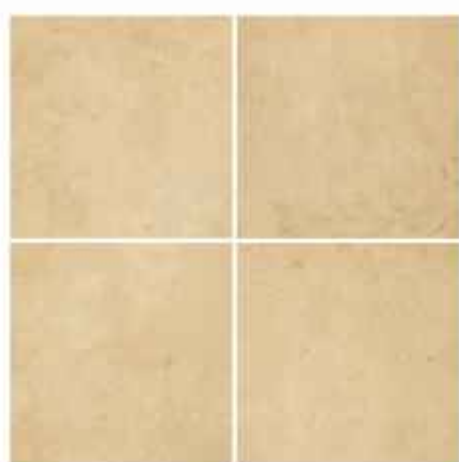
VERIN BROWN



V3



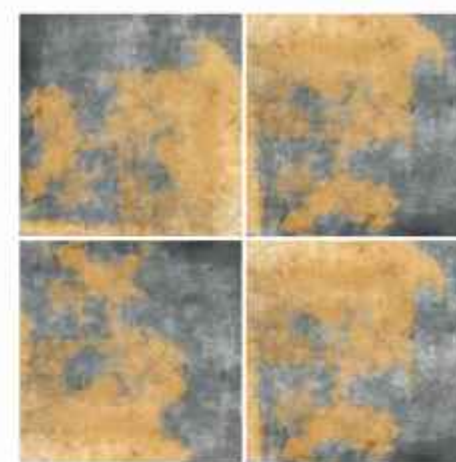
KENAI



V4



ORION BLUE



V4



ORION DECOR



V1



MESSEL SLATE



V2

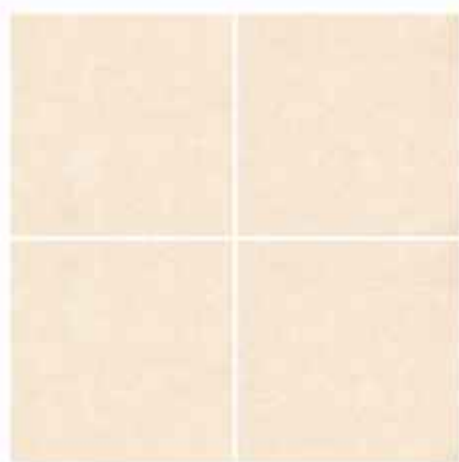


**400x
400mm**
ULTRA STRONG OUTDOOR
VITRIFIED TILES
VERIN BEIGE

NEW



DRESDE BEIGE



V2



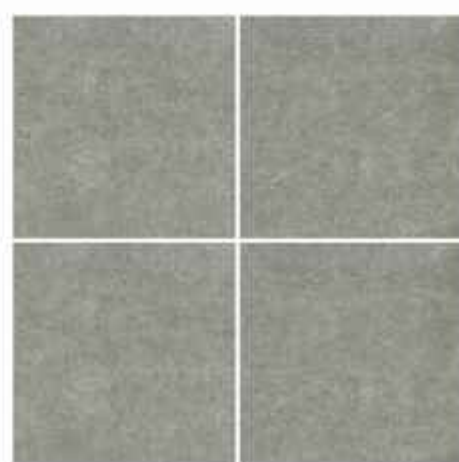
DRESDE GREY



V2



DRESDE GRIS



V2



FENIX VERDE



V3



ARDOISE NERO



V3



BAZEL SLATE



V3

**ULTRA
STRONG**
OUTDOOR VITRIFIED TILES

RUSTIC | 400x400mm

NEW



CASSIS GREY



V1



CASSIS DECOR



V1



ETNICO BEIGE



V1



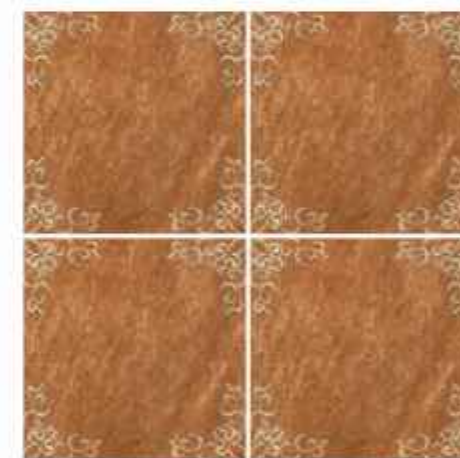
ETNICO BIANCO



V1



ETNICO BROWN



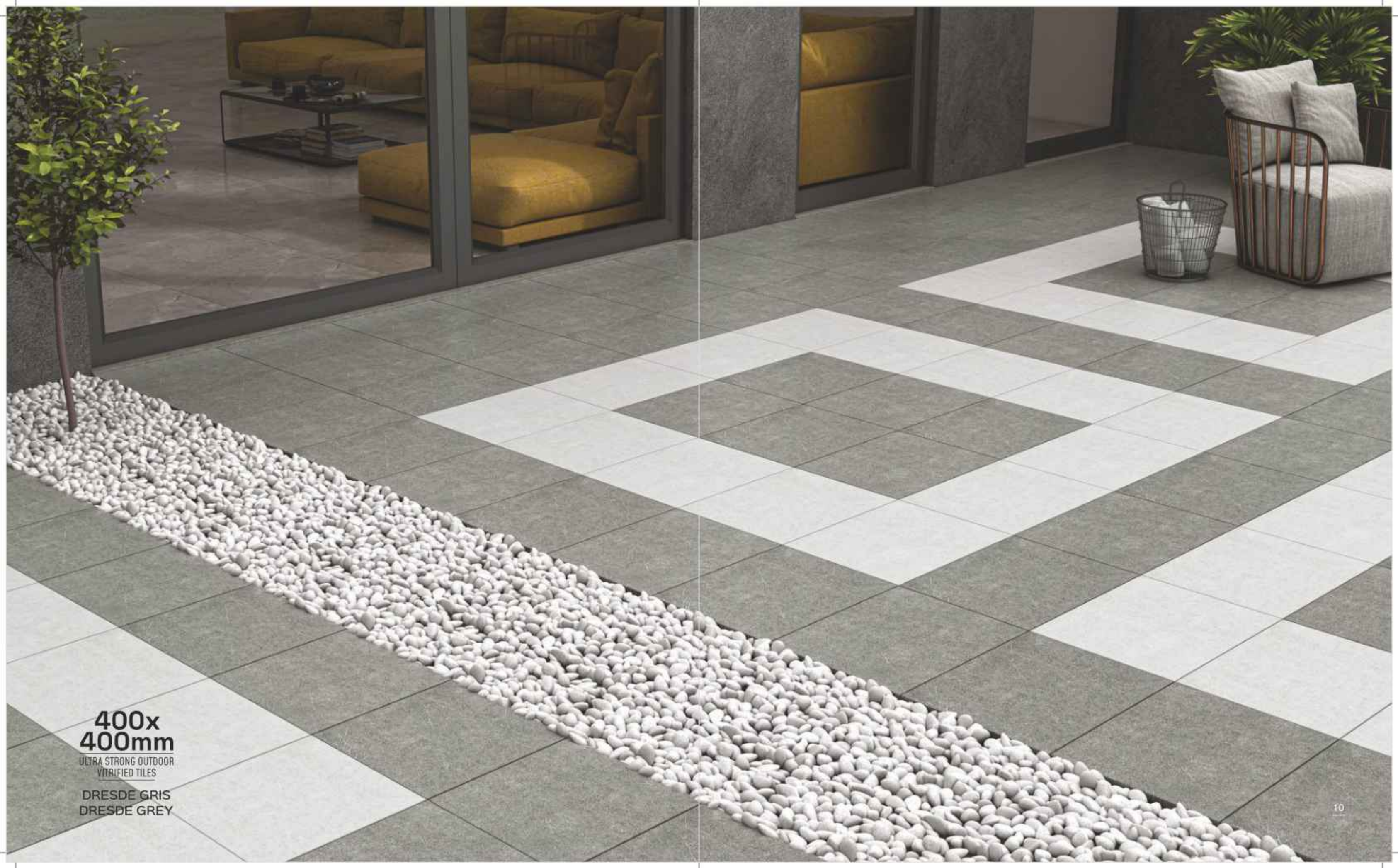
V1



ETNICO GREY



V1



**400x
400mm**

ULTRA STRONG OUTDOOR
VITRIFIED TILES

DRESDE GRIS
DRESDE GREY

NEW



ETNICO GRIS



V1



ETNICO NATURAL



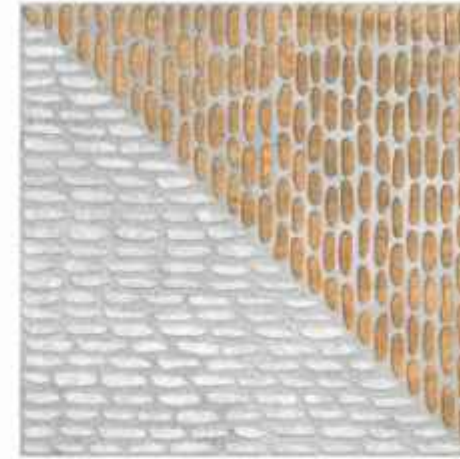
V1



ETNICO NERO



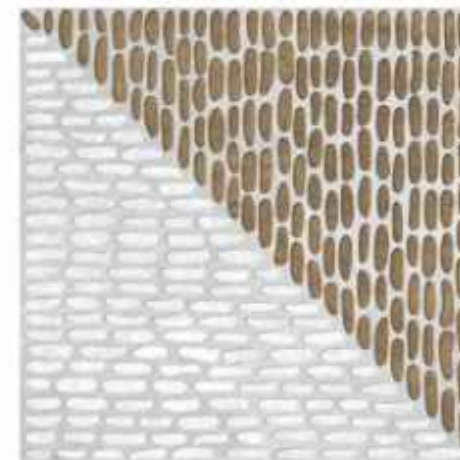
V1



GRAVEL BROWN



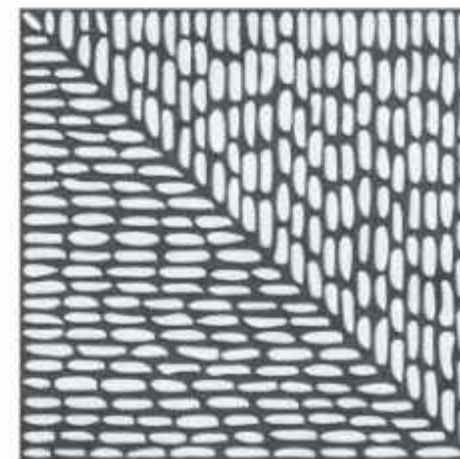
V1



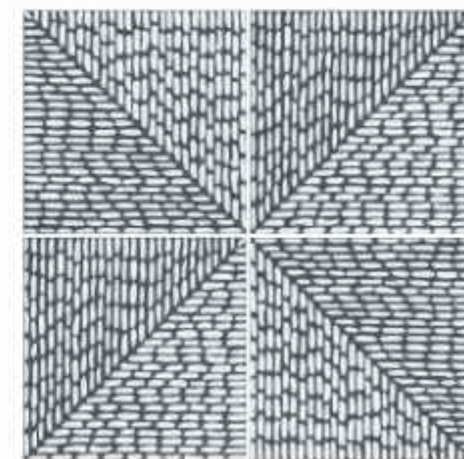
GRAVEL COFFEE



V1



GRAVEL GREY NERO



V1

NEW



ALROCK BEIGE



V3



MACRO STONE



V3



HOLZ BEIGE



V1



HOLZ COTTO



V1



HOLZ GREY



V1



HOLZ RUST



V1



**400x
400mm**

ULTRA STRONG OUTDOOR
VITRIFIED TILES

ETNICO GRIS

NEW



KAPPA COTTO



V1



KAPPA GREY NATURAL



V1



KAPPA RUSTIC BROWN



V1



MONARQ BROWN



V1



MONARQ COTTO



V1



MONARQ FLORA



V1

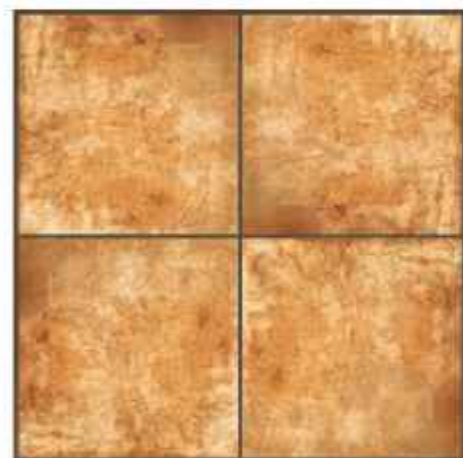
NEW



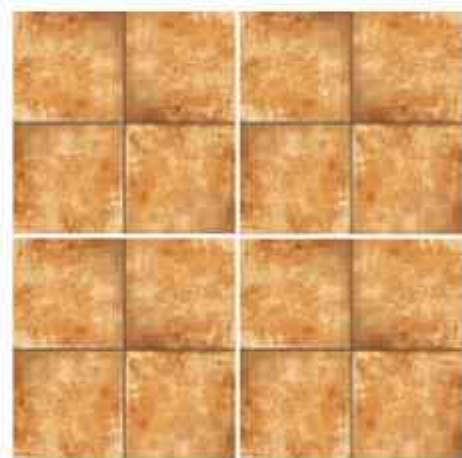
MONARQ GREY



V1



ROBIN BROWN



V1



ROBIN DECOR



V1



SANFORD BROWN



V1



SANFORD DECOR



V1



SOLARA CREMA



V1



**400x
400mm**
ULTRA STRONG OUTDOOR
VITRIFIED TILES
SOLARA DECOR

NEW



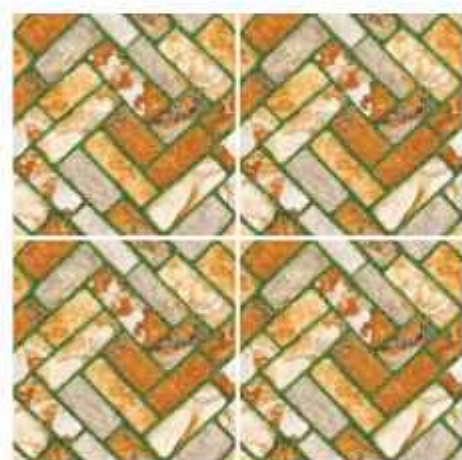
SOLARA DECOR



V4



KANSAS BEIGE



V1



KANSAS COTTO



V1



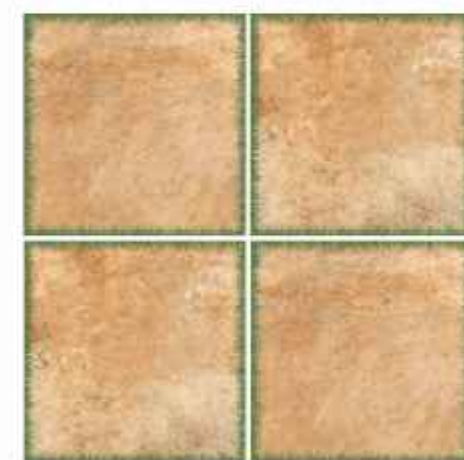
KANSAS GREY



V1



LEVANTE COTTO



V2



MERANO BROWN

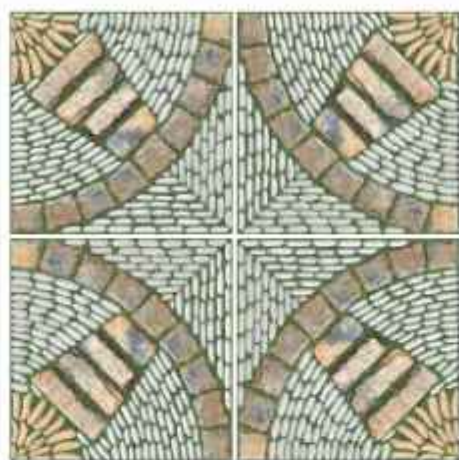


V1

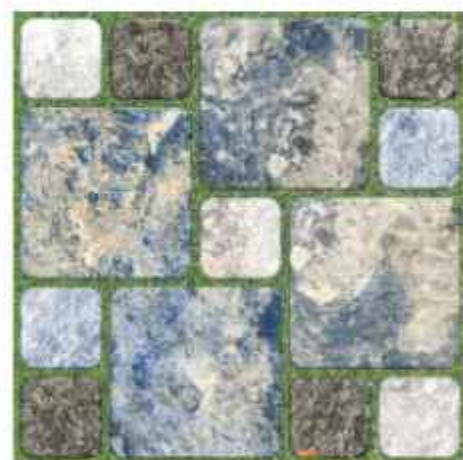
NEW



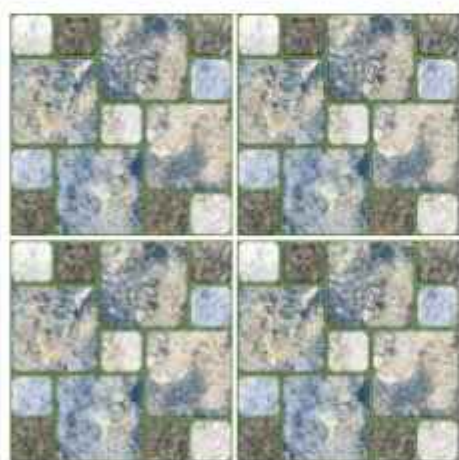
PORFIDO SLATE



V1



SPARTA BLUE



V1



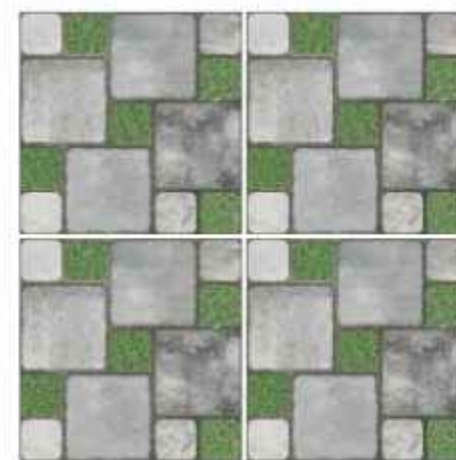
SPARTA BROWN



V1



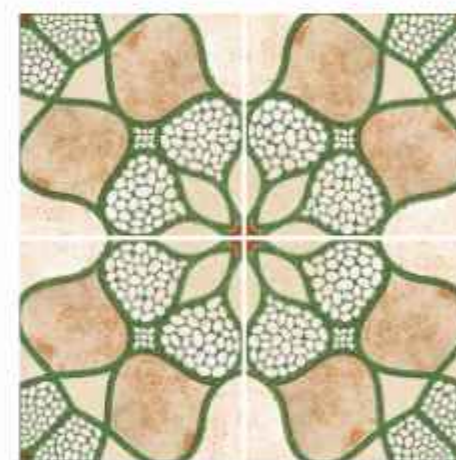
SPARTA GREY



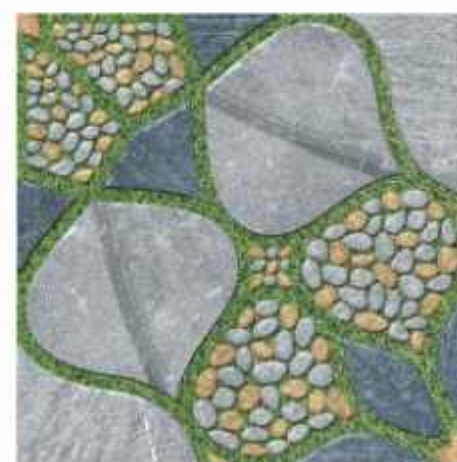
V1



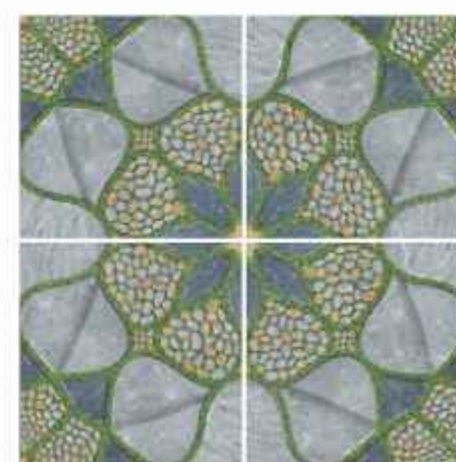
TARRACO BEIGE



V1



TARRACO GRIS



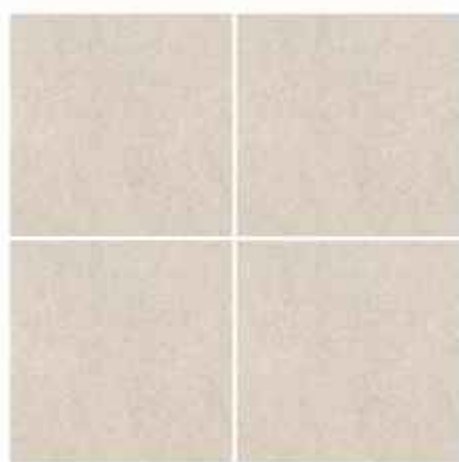
V1



**400x
400mm**
ULTRA STRONG OUTDOOR
VITRIFIED TILES
LEVANTE COTTO



TIERRA BIANCO



V1



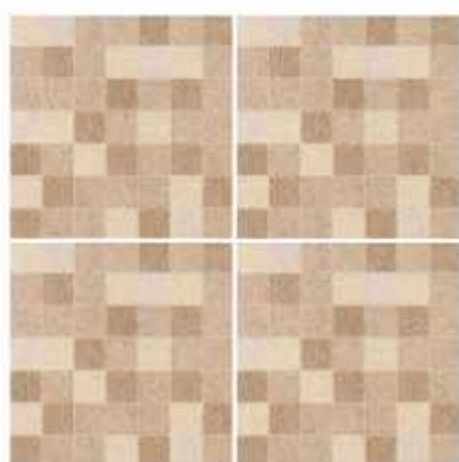
TIERRA BROWN



V1



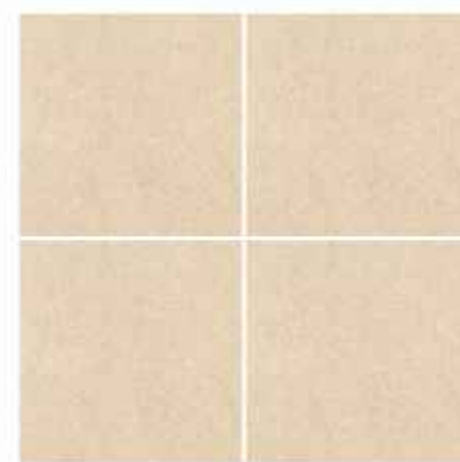
TIERRA BROWN DECORE



V1



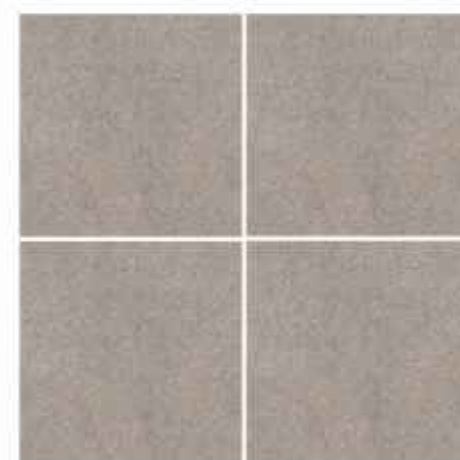
TIERRA IVORY



V1



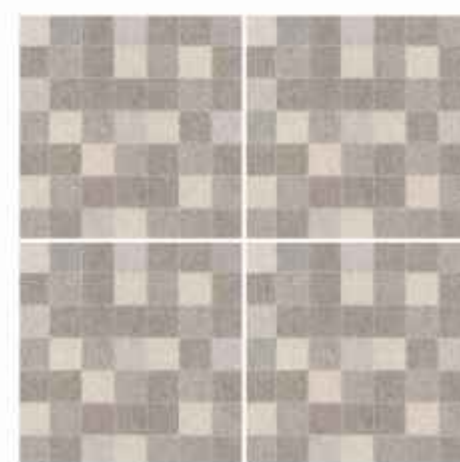
TIERRA NERO



V1



TIERRA NERO DECORE



V1



MATTONE LIGHT GREY



V1



MATTONE DARK GREY



V1



AVANA BROWN



V4



AVANA NATURAL



V4



CAJA BEIGE



V4



CAJA BROWN



V1



**400x
400mm**

ULTRA STRONG OUTDOOR
VITRIFIED TILES

TIERRA NERO
TIERRA NERO DECORE



ESTUCO BEIGE



V1



ESTUCO BEIGE DECORE



V1



ESTUCO COTTO



V1



ESTUCO COTTO DECORE



V1



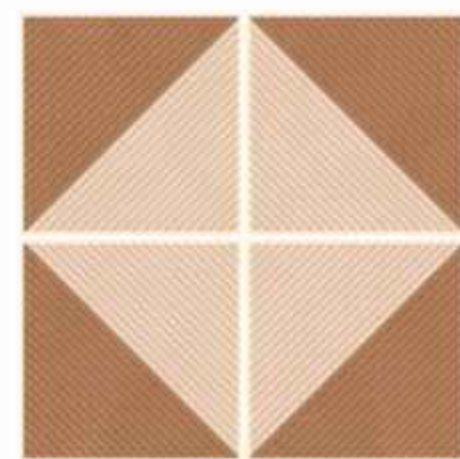
PODERO BEIGE



V1



PODERO BROWN DECORE



V1



PODERO BROWN



V1



PODERO GREY



V1



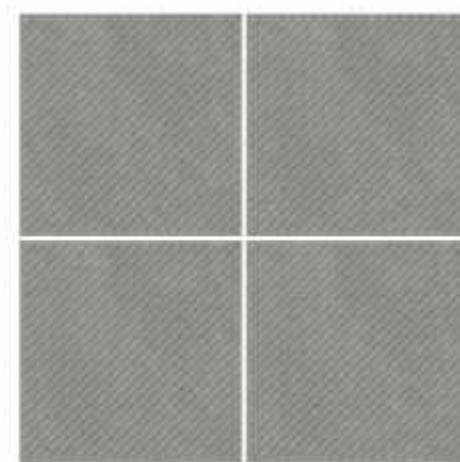
PODERO GRIS DECORE



V1



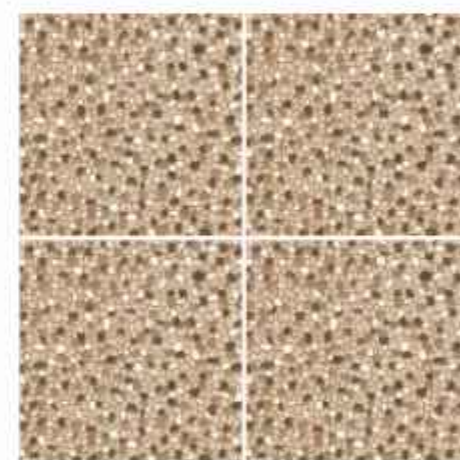
PODERO GRIS



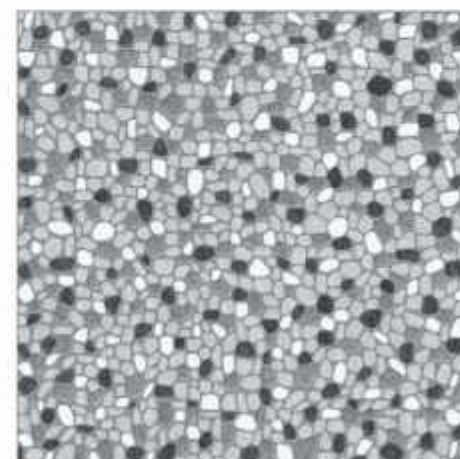
V1



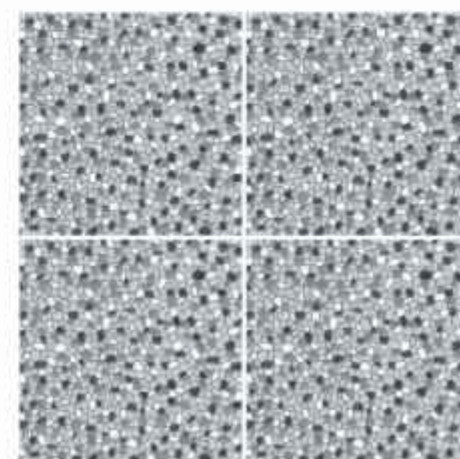
PIERRE BROWN



V1



PIERRE GREY



V1



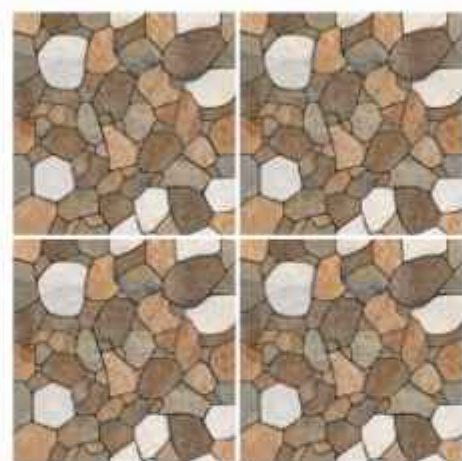
**400x
400mm**

ULTRA STRONG OUTDOOR
VITRIFIED TILES

PODERO GRIS
PODERO GRIS DECORE



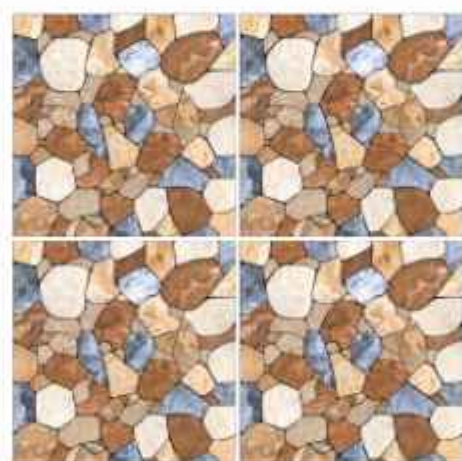
CRAG BROWN



V1



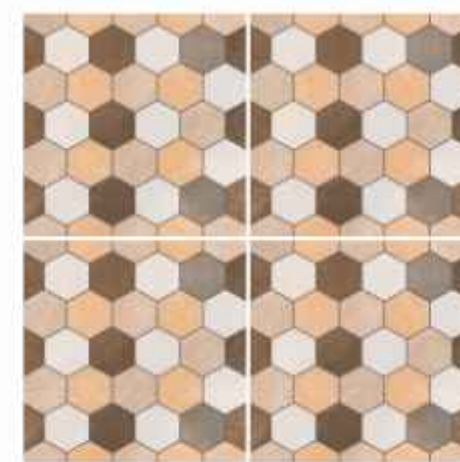
CRAG BLUE



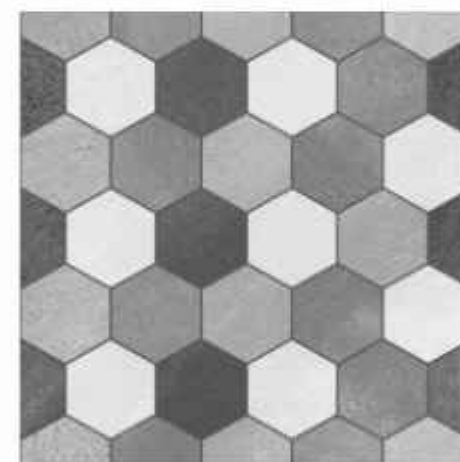
V1



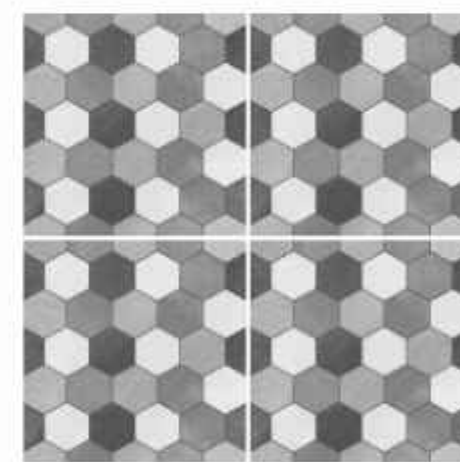
HEXON BROWN



V1



HEXON GREY



V1



HEXON MULTI



V1



CASINO BROWN

V1



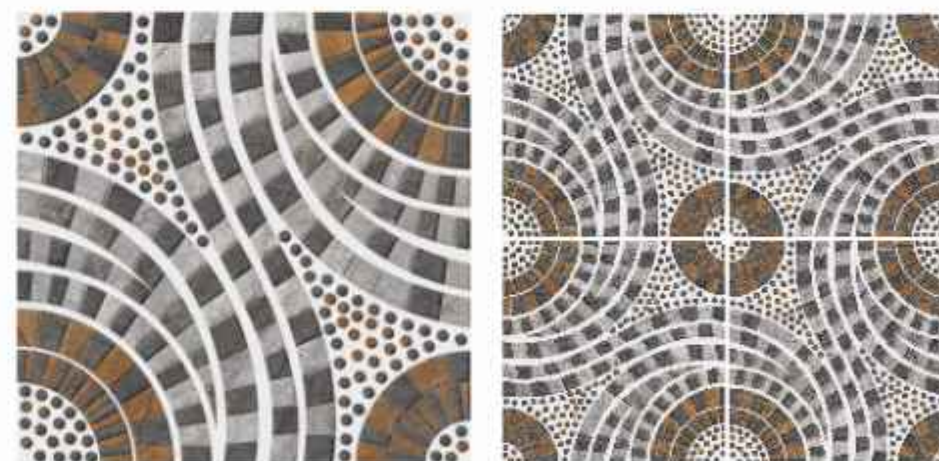
CASINO BLUE

V1



CIAZ BROWN

V1



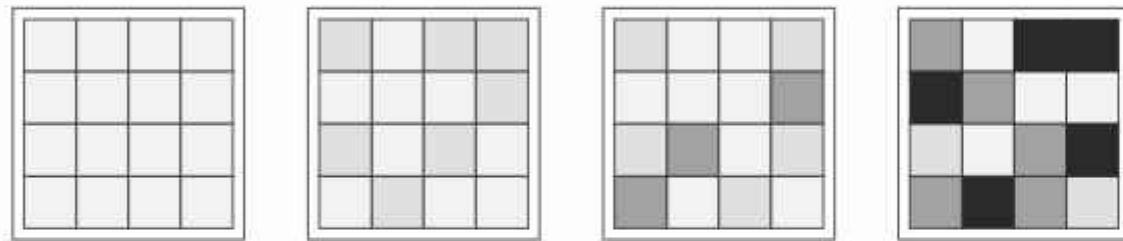
CIAZ GREY

V1

DESIGN, PATTERN & SHADE VARIATION GUIDE

Current development efforts have made ceramic tiles to resemble and look authentically identical to natural material (Stone, Wood, Fabric), and it has become increasingly difficult in many cases, to distinguish between two.

Recognising this situation, it is necessary to be informed on the grade of design & pattern variation that is expected from these products. As a general reference, the design & Pattern guide below classifies a scale of ranges according to the degree of variation.



V1 Uniform Appearance **V2** Slight Variation **V3** Moderate Variation **V4** Substantial Variation

The classification is as follow:

V1 Minimal Variation **V2** Random Variation **V3** Slight Variation **V4** Substantial Variation



While laying the tiles please follow the arrow on the back of the tiles.
For removing the wax from the surface of the tiles please use the soft cotton cloth for rubbing with any boric/talk powder. And use with spacer to look good

PACKAGING DETAIL FOR 400x400MM FLOOR TILES

Nominal Size (mm)	Thickness(mm)	Avg.weight per carton(Kgs)	No.of tiles per carton	Coverage area per carton
400X400 (Digital)	11.8	20.0	5	0.80 Sq. Mtr. / 8.61 sq. ft.

TECHNICAL SPECIFICATION FOR 400x400MM FLOOR TILES

Characteristics	Requirement as per ISO 13006:2018 ≤ 0.5% Group B I a	Requirement as per IS 4457:2007 (Reaffirmed- 2012) ≤ 0.5%	Our Values	Test Method
Dimension & Surface Quality				
Length & Width	± 0.3%	± 0.5%	± 0.10%	ISO 10545-Part 2/IS 4457 Annex B
Thickness	± 5.0%	± 5.0%	± 4.0%	
Straightness of Side	± 0.30%	± 0.20%	± 0.10%	
Rectangularity	± 0.30%	± 0.20%	± 0.10%	
Surface Flatness				
Center Curvature (%) (Max. Dev.)	± 0.40%	± 0.30%	± 0.2 %	
Edge Curvature (%) (Max. Dev.)	± 0.40%	± 0.30%	± 0.2 %	
Corner Warpage (%) (Max. Dev.)	± 0.40%	± 0.30%	± 0.2 %	
Surface Quality	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	Min. 95 % of tiles will be free from visible defects	
Physical Properties				
Water Absorption	Avg. 0.5%, Individual 0.6% max	Avg. 0.5%, Individual 0.6% max	Avg. <0.5%	ISO 10545-Part 3/IS 4457 Annex C
Modulus of Rupture [N/mm ²]	Av 35, Individual 32 min	Av 35, Individual 32 min	Avg.>35	ISO 10545-Part 4/IS 4457 Annex D
Breaking Strength in N	Min 1300 N	Min 1300 N	Min, 2500 N	
Moisture Expansion in mm/m	Test Method Available	Not Available	Max. 0.02	ISO-10545-Part 10
Scratch Hardness of Surface (Mohs)	N/A	Not Available	Min 6	IS 13630 Part-13
Resistance to Deep Abrasion of un glaze tiles, removed volume in mm ³	Max. 175	Max. 175	Max. 140	ISO 10545-Part 7/IS 4457 Annex E
Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C	Test Method Available	Not Available	Max 6 X 10 ⁻² K ⁻¹ max	ISO-10545-Part 8
Thermal Shock Resistance	Required	Not Available	10 cycle passed	ISO-10545-Part 9
Crazing Resistance	N/A	Not Available	4 cycle passed	ISO 10545-Part 11
Impact Resistance as Co-efficient of Restitution (COR)	Test Method Available	Not Available	Min 0.55	ISO 10545-Part 5
Frost Resistance	Required	Not Available	100 Cycle Passed	ISO 10545-Part 12
Stain & Chemical Resistance				
Stain Resistance	Min Class 3	Not Available	Min Class 2	ISO 10545-Part 14
Resistance to Household chemicals	Minimum B	Test Method Available	Class UA	ISO 10545-Part 13/IS 4457 Annex F
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Declared Value	Test Method Available	Class ULA (Low Conc) Class UHA (High Conc)	
Resistance to Concentrated HNO ₃ & H ₂ SO ₄	Not Available	Loss of mass not exceeds 1.5%	Loss Less Than 1.0%	IS 4457 Annex G

The reproduction of tiles in this catalogue is restricted to four color printing only and tiles are not in relative sizes, therefore customers are advised to see the physical sample before placing the order. " Technical Specification" wall & floor tiles are applicable only for premium quality tiles. Please inspect all tiles prior to installation. Company will not entertain complaints once tiles are laid/fixd. Complaints will not be entertained for Borders, Highlighters & Motifs.