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www.groupofmetro.com















IDENTIFICATION

Grab the conjuring













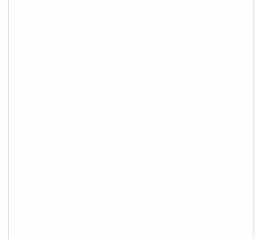








RANDOM USE GROUTING FOR PATTERN BETTER LAYING















SATUARIO CLOUD ICE











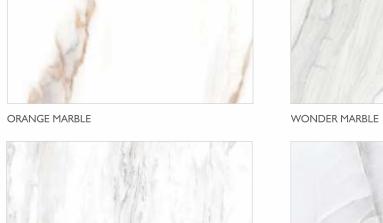












RIMINI WHITE













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NEW BOTTOCHINO

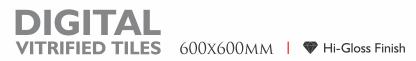
ROMAN WAVE

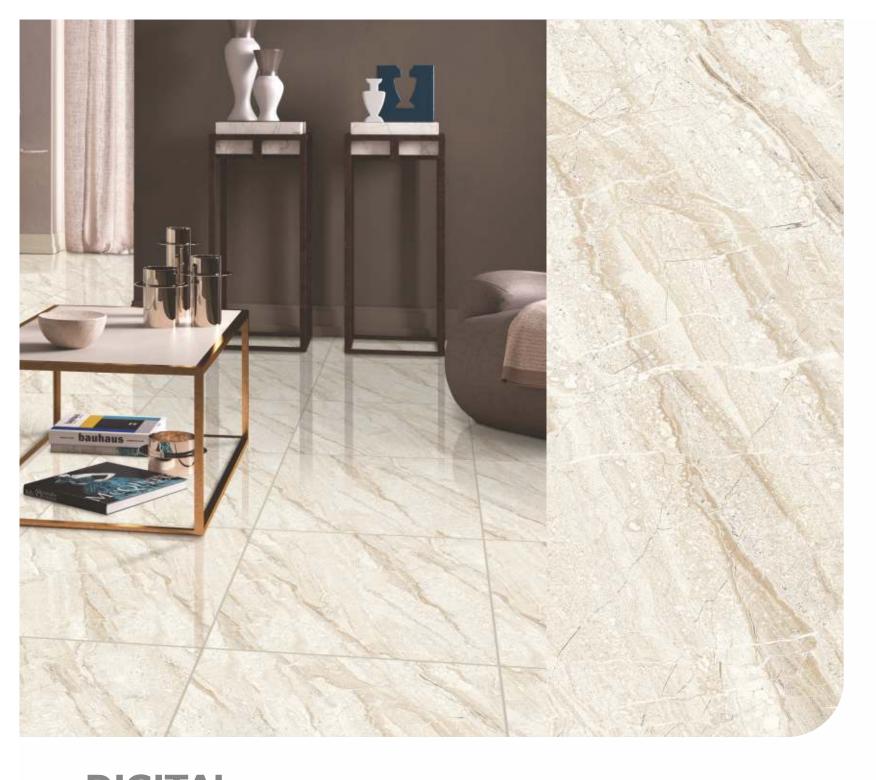
BRECCIA STONE





Quality • Commitment • Trust















IRIS BEIGE



DIANO REAL





DAINA YELLOW







DAINA BEIGE



DIANA VERDE















BRIGHT FINISHING TILES RANDOM USE GROUTING FOR PATTERN BETTER LAYING



PERLINO GOLD

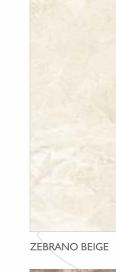




PERLINO









ZEBRANO BROWN



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ONYX BEIGE















NATURAL BEIGE





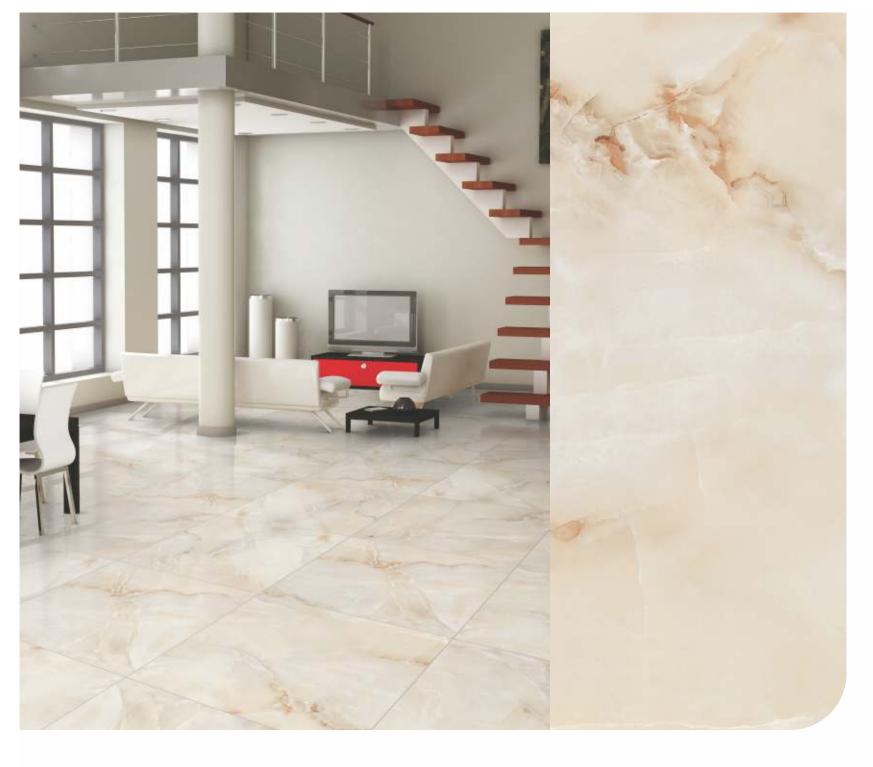


NATURAL PEARL



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**DIGITAL** 











RANDOM USE GROUTING FOR PATTERN BETTER LAYING



GOLD ONYX



ONYX BROWN









MING CLOUDY



TRAVERTINO



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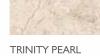
























STONELLA LIGHT





STONE CREMA

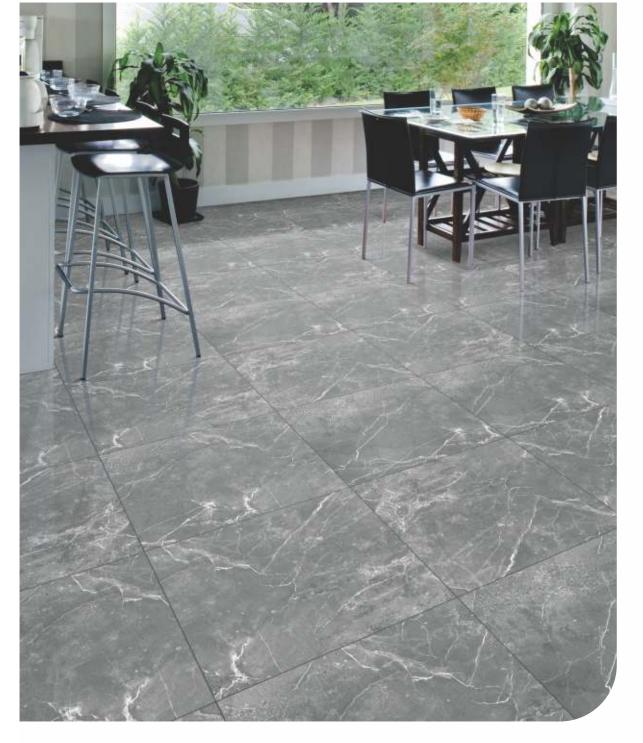


CASATA BEIGE









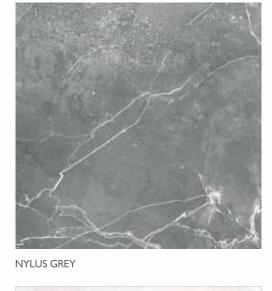
























DOLMEN BROWN

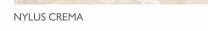


EUROPA MARBLE







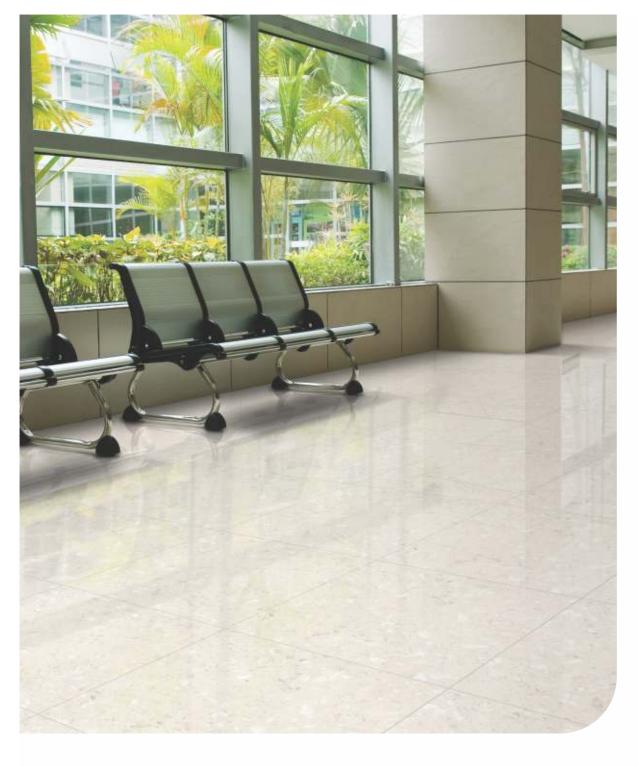




NYLUS BIANCO



















EMPERADOR BEIGE



MOSAICO BEIGE



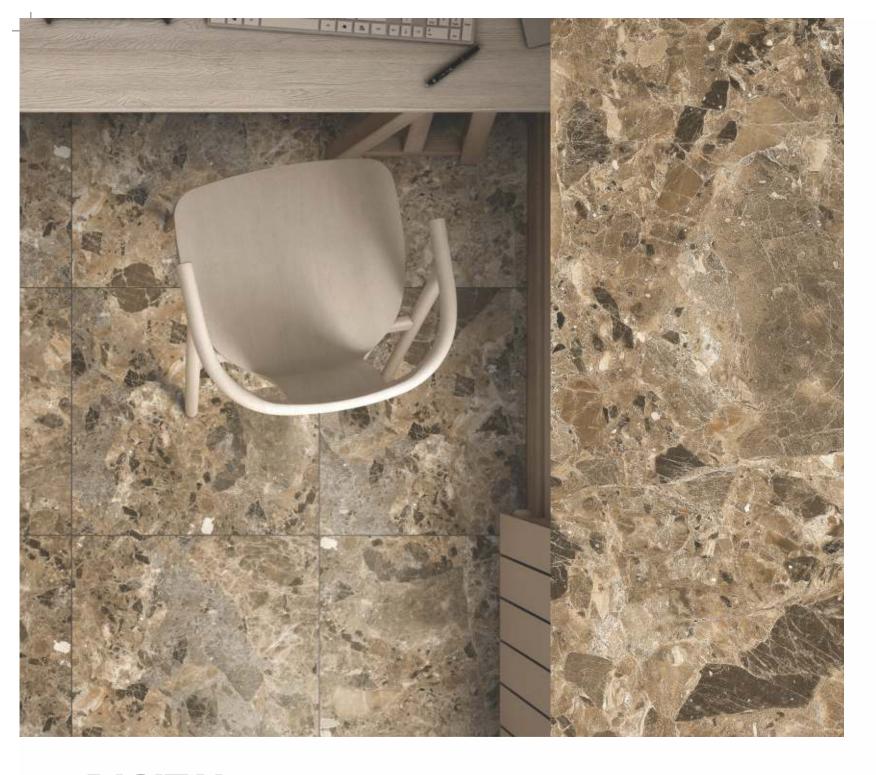


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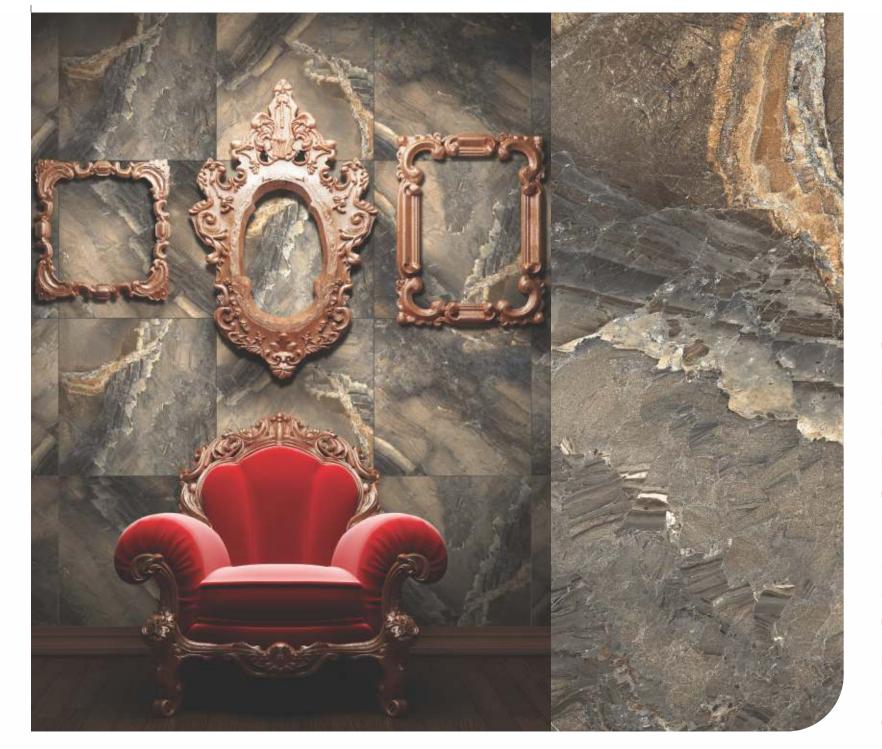




STONE COPPER



EMPERADOR BROWN





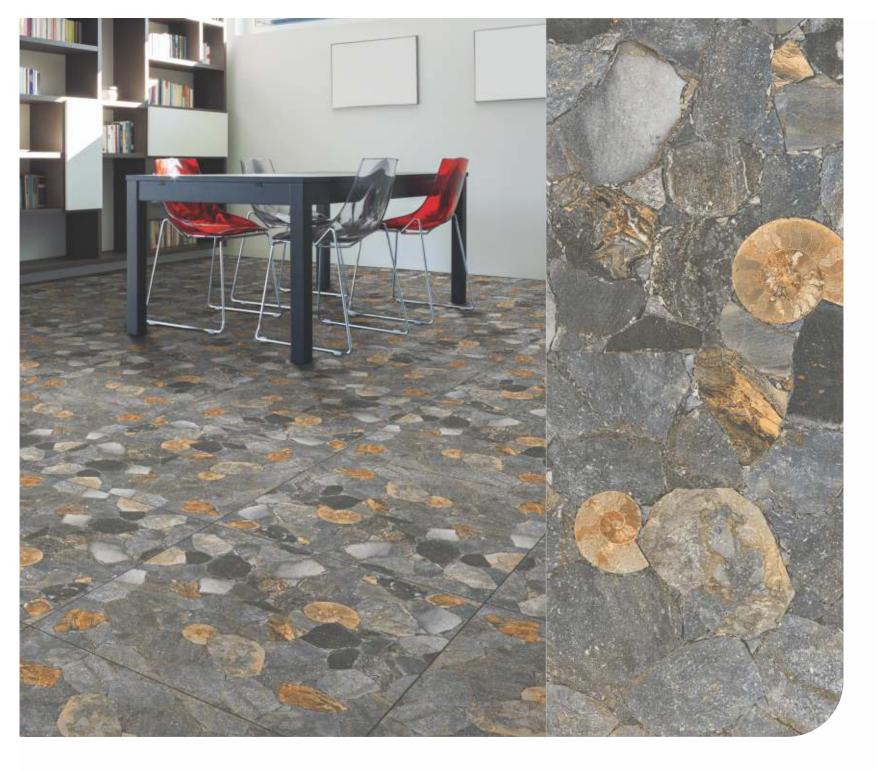


SEA WAVE BROWN





























NATURAL GRANITE



WAVE GRANITE



DIGITAL
VITRIFIED TILES 600X600MM | SUPER SERIES











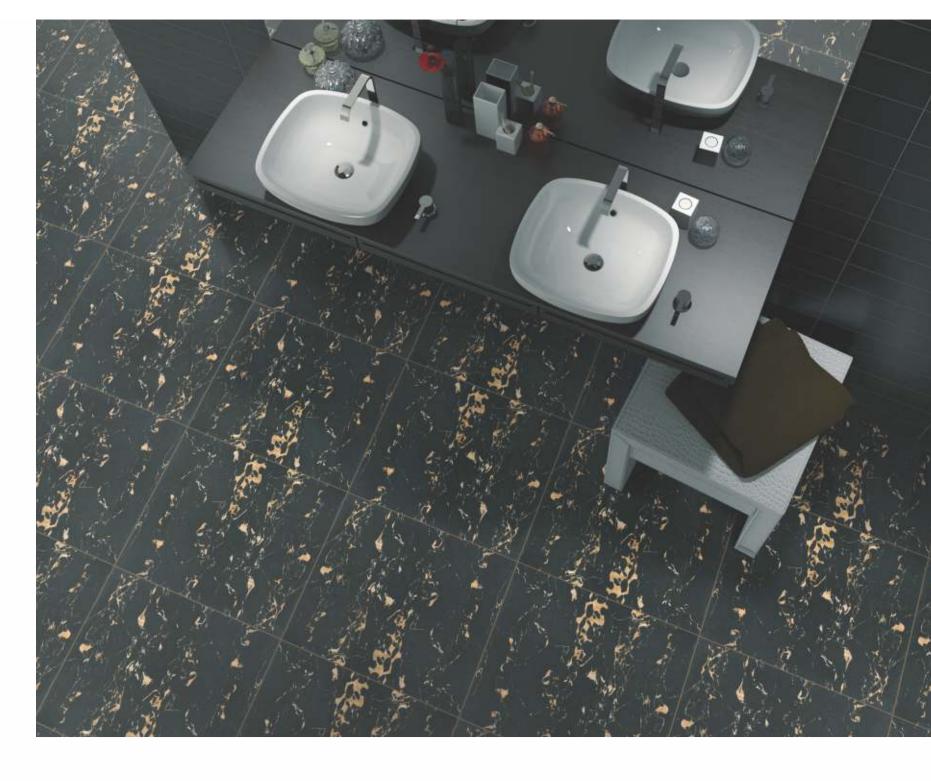
GOLDEN POTHRO



BLACK POTHRO

BLACK GRAZIE

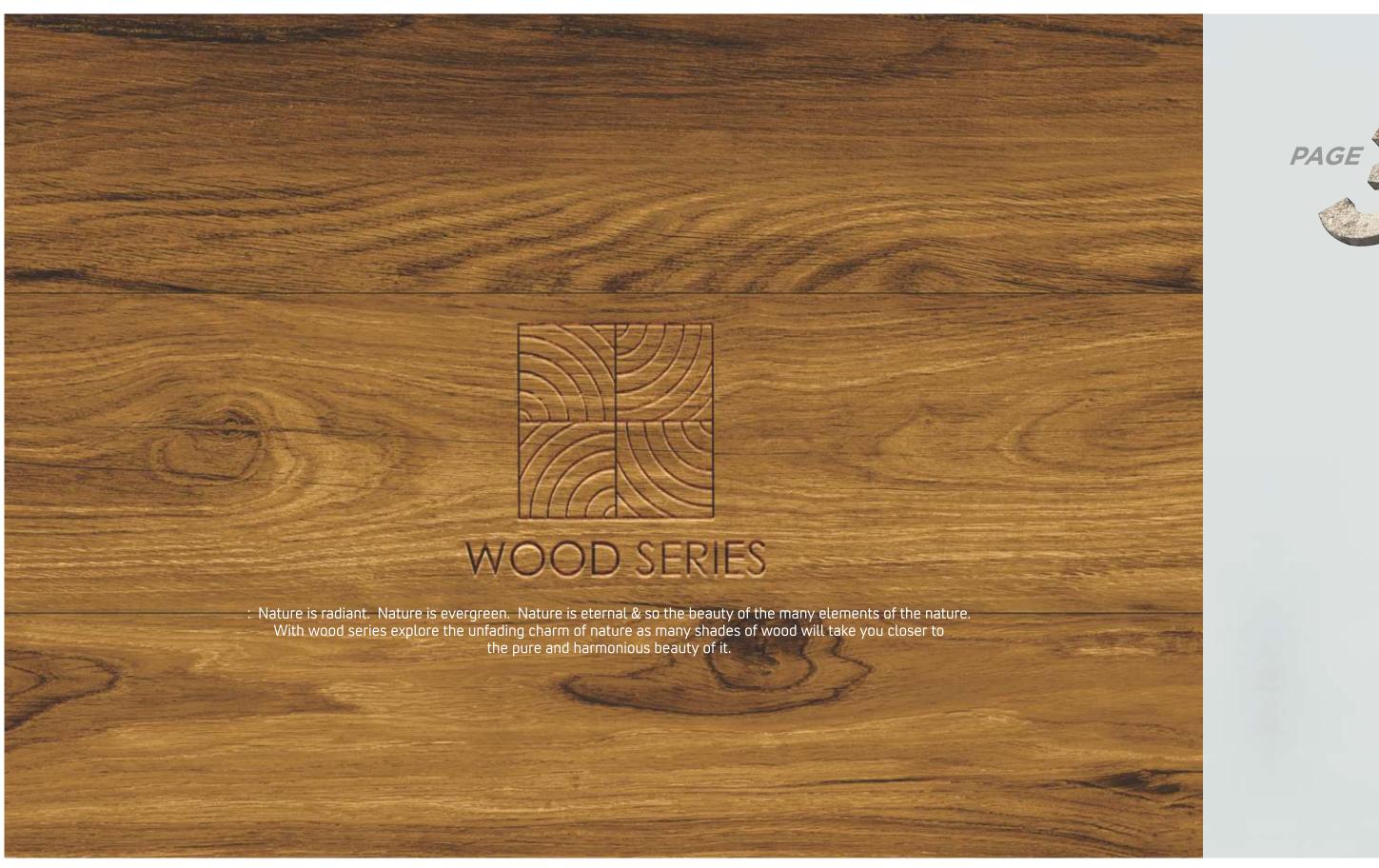
CRYSTAL BLACK



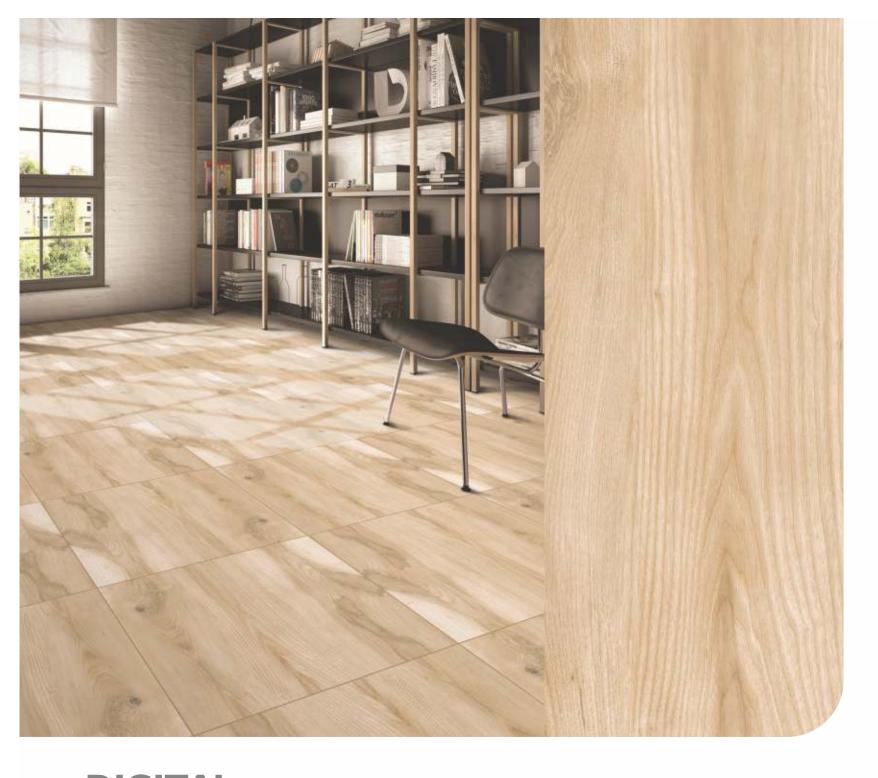


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GOLDEN WOOD





NATURAL WOOD









TIMBER PINE



TIMBER WENGE

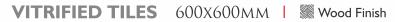


CANVAS WOOD



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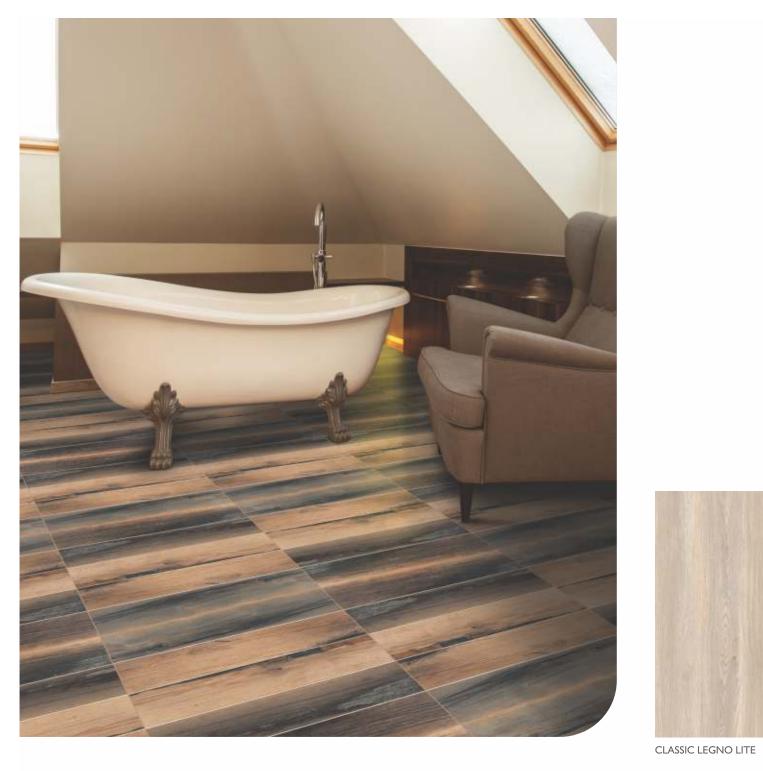
PARQUET WOOD BEIGE



PARQUET WOOD WENGE



















CLASSIC LEGNO DARK













**GREY WOOD** 

ROVER PINE



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**DIGITAL** 

VITRIFIED TILES 600X600MM Wood Finish

























CONCRETE GREY









METAL WENGE



















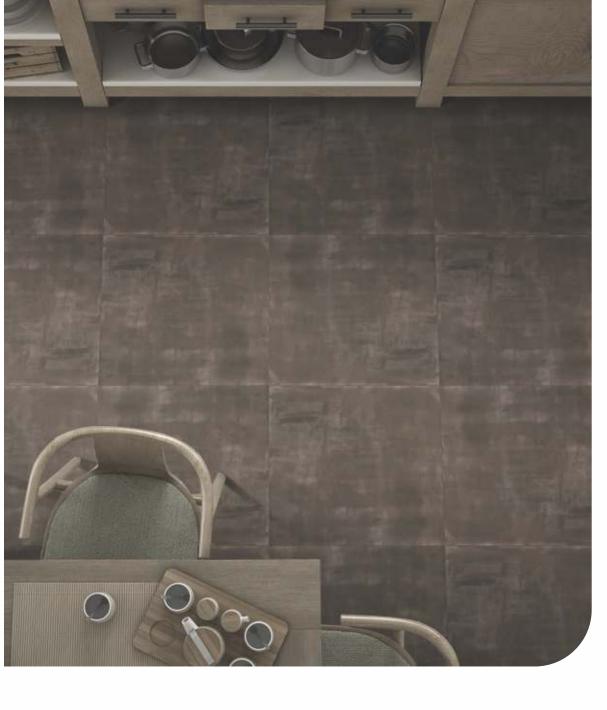


VEGA BIANCO

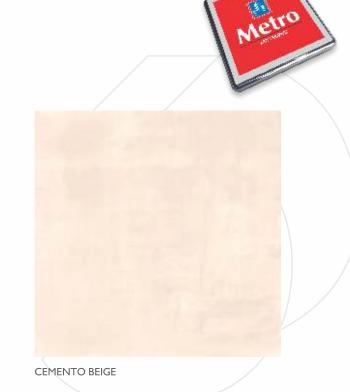




VEGA GRIS



CEMENTO MOKA





CEMENTO BRUNO























NUBIAN BEIGE



NUBIAN BROWN







SEA WAVE MOKA

























REAL TRAVERTINO









SAND METAL



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COTTOS ROJO

COTTOS MARFIL

















GRUNGE COPPER

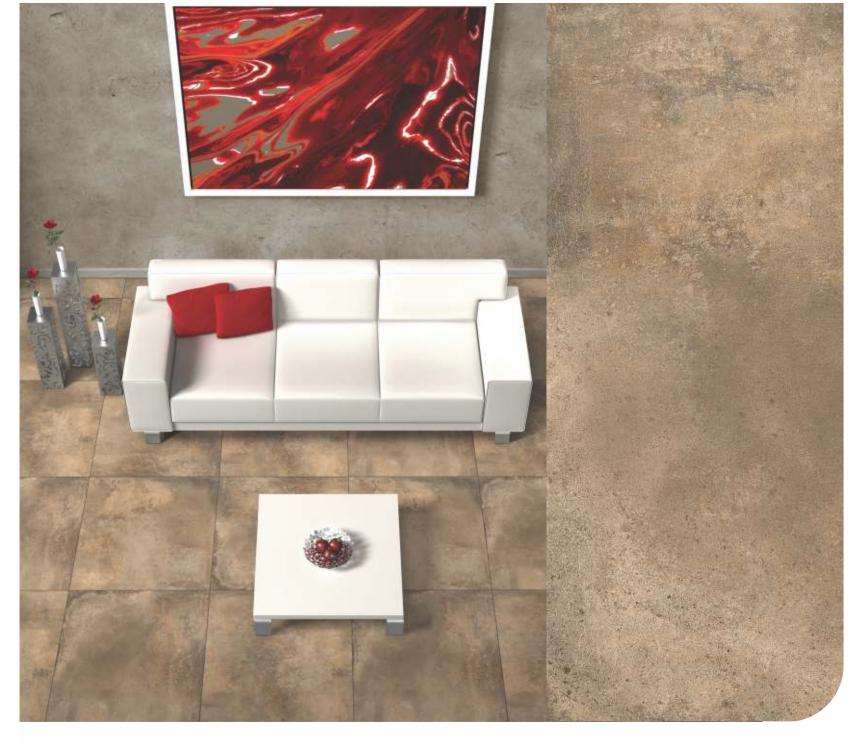


GRUNGE METAL



DIGITAL VITRIFIED TILES 600X600MM | Rustic Finish

























METTALIC SILVER







METTALIC WINE



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REAL TRAVERTINO

















VOGUE BEIGE

DIGITAL
VITRIFIED TILES 600X600MM | Lapato Finish





GLAM CAFÉ

















GLAM BIANCO

DIGITAL VITRIFIED TILES 600X600MM | Lapato Finish

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## Technical Specification

CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP Bla	MEAN VALUE OF METRO POLISHED GVT	MEAN VALUE OF METRO SATIN GVT	STANDARD TEST METHOD
REGULATORY PROPERTIES				
Length and Width	± 0.5 %	± 0.1 %	± 0.1 %	ISO 10545-2
Thickness	± 5.0 %	± 4.0 %	± 4.0 %	ISO 10545-2
Straightness of Sides	±0.5 %	± 0.1 %	± 0.1 %	ISO 10545-2
Rectangularity	± 0.5 %	± 0.1 %	± 0.1 %	ISO 10545-2
Surface Flatness	± 0.5 %	± 0.2 %	± 0.2 %	ISO 10545-2
Color difference	Unaltered	No change	No change	ISO 10545-16
Glossiness	As per mfg	Min 90%	Min 4%	GLOSSOMETER
STRUCTURAL PROPERTIES				
Water Absorption	± 0.50 %	± 0.20 %	± 0.20 %	ISO 10545-3
Apparent density	± 2.0 g/cc	± 2.10 g/cc	± 2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPER	RTIES			
Modulus of Rupture	Min. 34 N/mm2	Min. 40 N/mm2	Min. 40 N/mm2	ISO 10545-4
Breaking Strength	Min. 1300 N	Min. 2000 N	Min. 2000 N	ISO 10545-4
Impact resistsnce	As per mfg.	Min. 0.55	Min. 0.55	ISO 10545-5
SURFACE MECHANICAL PROPE	RTIES			
Surface abrasion resistance	As per mfg.	Min. Class-3	Min. Class-4	ISO 10545-7
Surface abrasion resistance  MOH's hardness	As per mfg.	Min. Class-3	Min. Class-4 Min. 5	ISO 10545-7 EN 101
	As per mfg.			
MOH's hardness	As per mfg.			
MOH's hardness  TERMO HYGROMETRIC PROPER	As per mfg.	Min. 4	Min. 5	EN 101
MOH's hardness  TERMO HYGROMETRIC PROPER  Frost Resistance	As per mfg.	Min. 4 No damage	Min. 5 No damage	EN 101
MOH's hardness  TERMO HYGROMETRIC PROPER  Frost Resistance  Thermal Shock Resistance	As per mfg.  RIES  No damage  No damage	Min. 4  No damage  No damage	Min. 5  No damage  No damage	EN 101 ISO 10545-12 ISO 10545-9
MOH's hardness  TERMO HYGROMETRIC PROPER  Frost Resistance  Thermal Shock Resistance  Moisture expansion	As per mfg.  No damage  No damage  Nil	Min. 4  No damage  No damage  Nil	Min. 5  No damage  No damage  Nil	ISO 10545-12 ISO 10545-9 ISO 10545-10
MOH's hardness  TERMO HYGROMETRIC PROPER Frost Resistance Thermal Shock Resistance Moisture expansion Thermal expansion (COE)	As per mfg.  No damage  No damage  Nil  Max. 9.0 x 10.6	No damage No damage Nil Max. 6.5 x 10	No damage No damage Nil Max. 6.5 x 10	ISO 10545-12 ISO 10545-9 ISO 10545-10 ISO 10545-8
MOH's hardness  TERMO HYGROMETRIC PROPER  Frost Resistance  Thermal Shock Resistance  Moisture expansion  Thermal expansion (COE)  Crazing resistance	As per mfg.  No damage  No damage  Nil  Max. 9.0 x 10.6	No damage No damage Nil Max. 6.5 x 10	No damage No damage Nil Max. 6.5 x 10	ISO 10545-12 ISO 10545-9 ISO 10545-10 ISO 10545-8
MOH's hardness  TERMO HYGROMETRIC PROPER  Frost Resistance  Thermal Shock Resistance  Moisture expansion  Thermal expansion (COE)  Crazing resistance  CHEMICAL PROPERTIES	As per mfg.  No damage  No damage  Nil  Max. 9.0 x 10.6  As per mfg.	Min. 4  No damage  No damage  Nil  Max. 6.5 x 10  Min. 10 Cycle	No damage No damage Nil Max. 6.5 x 10 Min. 10 Cycle	ISO 10545-12 ISO 10545-9 ISO 10545-10 ISO 10545-8 ISO 10545-11
MOH's hardness  TERMO HYGROMETRIC PROPER Frost Resistance Thermal Shock Resistance Moisture expansion Thermal expansion (COE) Crazing resistance CHEMICAL PROPERTIES Chemicale resistance	As per mfg.  No damage  No damage  Nil  Max. 9.0 x 10.6  As per mfg.	Min. 4  No damage  No damage  Nil  Max. 6.5 x 10  Min. 10 Cycle  No damage	No damage No damage Nil Max. 6.5 x 10 Min. 10 Cycle	ISO 10545-12 ISO 10545-9 ISO 10545-10 ISO 10545-8 ISO 10545-11
MOH's hardness  TERMO HYGROMETRIC PROPER  Frost Resistance  Thermal Shock Resistance  Moisture expansion  Thermal expansion (COE)  Crazing resistance  CHEMICAL PROPERTIES  Chemicale resistance  Stain resistance	As per mfg.  No damage  No damage  Nil  Max. 9.0 x 10.6  As per mfg.	Min. 4  No damage  No damage  Nil  Max. 6.5 x 10  Min. 10 Cycle  No damage	No damage No damage Nil Max. 6.5 x 10 Min. 10 Cycle	ISO 10545-12 ISO 10545-9 ISO 10545-10 ISO 10545-8 ISO 10545-11
MOH's hardness  TERMO HYGROMETRIC PROPER Frost Resistance Thermal Shock Resistance Moisture expansion Thermal expansion (COE) Crazing resistance CHEMICAL PROPERTIES Chemicale resistance Stain resistance SAFETY PROPERTIES	As per mfg.  No damage  No damage  Nil  Max. 9.0 x 10.6  As per mfg.  No damage  Resistant	No damage No damage Nil Max. 6.5 x 10 Min. 10 Cycle  No damage Resistant	No damage No damage Nil Max. 6.5 x 10 Min. 10 Cycle  No damage Resistant	ISO 10545-12 ISO 10545-9 ISO 10545-10 ISO 10545-8 ISO 10545-11 ISO 10545-11

DIGITAL

VITRIFIED TILES 600X600MM

Packing Detail

Tile Size No. of Tiles Per Box Coverage Area (Approx.)

Box Weight (Kgs. Approx.)

600x600mm 4 Pcs. 1.44 Sq. Mtr. 31

## Laying Instruction

# Helpful tips for better aesthetics look (Laying Instructions)

- 1. For better aesthetic value and for guarantee use it is strongly recommended to provide 3 mm spacer in between the tiles. Without spacer, harmony of tiles might be disturbed.
- 2. Make sure that the design, pattern and the arrow marked on the back side of tiles must be in the same direction.
- 3. Any product from digitile must be installed (laid) in the same format. i.e. 600x600mm size. For the particular series customized size application is not possible.
- \* THE COMPANY SHALL NOT BEAR ANY LIABILITY FOR THE PROBLEMS OUT OF NON-FULFILLMENT OF LAYING THE INSTRUCTIONS AS ABOVE.

# Metro

## TILES FIXING INSTRUCTIONS

- 1. All the tiles must be checked prior to fixing for quality, batch no. and choice.
- 2. Plaster the surface of the floor to be tiled and allow curing atleast two weeks before tiling.
- 3. While fixing pick tiles from various boxes alternatively, lay them in the desired patterns and make sure that they give an acceptable blend of colour and design. Please note that shade variation is inherent in manufacturing tiles.
- 4. For fixing tiles we recommend to use the fixing adhesives or equivalent product for the best result.
- 5. For fixing tiles in floor using conventional method, we suggest the following laying instruction:
- A: use cement and sand mortar in the ratio 1:4. Add water to create a consistent paste.
- B: Apply 20-25MM of bedding materials over the floor area of 1.0SQM at a time.
- C: Apply a thin coat of the slurry on the back of the tile to ensure proper and full bedding. Press gently
- for even adherence of the tiles with surface.
- Do not use any heavy materials like iron or hammer to press tile.
- 6: For fixing the tools on Dado, we recommend the use of adhesive or equivalent materials.
- 7: Allow 3-4 days of bed curing after laying tiles and later fill the joints with grout.
- 8: We recommend maintaining a joint gap of 1-2mm between the tiles to allow possible thermal expansion at later stage.
- 9: Please note that company will not accept any liability in case of any problems arising out of adherence of above fixing instructions.

**DISCLAIMER**: Metro reserves the right to delete and amend either totally or partially, any of the colours, shapes, sizes, references and other technical specifications contained in the catalogue at any time. The colours shown in this catalogue are purely illustrative and limited to printing process. Please refer actual samples before final selection. The details of colours, sizes and references should be verified for photography errors. SHADE & SIZE VARIATIONS are inherent characteristics of ceramics. NO COMNPLAINTS SHALLBE ENTERTAINED ON TILES ALREADY/FIXED.

### NOTES:

- \* All technical specifications in this catalogue are for premium grade materials only.
- \* SHADE/SIZE VARIATION are inherent characteristics to ceramics. Certain products purposely have variations that are the parts of designs and the process. The same have been indicated.
- \* It is recommended to blend tiles by mixing tiles from various boxes and check for natural hue before fixing.
- \* Company's liability is also limited to the material supplied by the company; no other claim is entertained under any circumstances.
- \* No complaints shall be entertained regarding the decoration on tiles, unless created by METRO.

