



DURASTONE
HEAVY DUTY VITRIFIED TILES



HEAVY DUTY
VITRIFIED TILES
400x400mm



SOMANY

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www.somanyceramics.com | e-mail marketing@somanyceramics.com

Toll Free No. 1800-103-0004 (Timing-10:00am to 6:30pm; Mon-Fri)



Visit us at:
www.somanyceramics.com



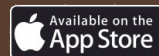
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DURASTONE / CAT / SEPTEMBER 2024

UNIT - 3 | FOR ALL INDIA



THE FINEST ESSENCE *of* THE OUTDOORS

Discover the unparalleled strength and beauty of our 400x400mm outdoor heavy-duty vitrified tiles. Perfectly crafted to withstand the elements, these tiles offer a seamless blend of durability and elegance. Whether for patios, walkways, or garden areas, they enhance any outdoor space with a sophisticated and enduring charm. Embrace the ultimate in outdoor living with our versatile and stylish tile collection.

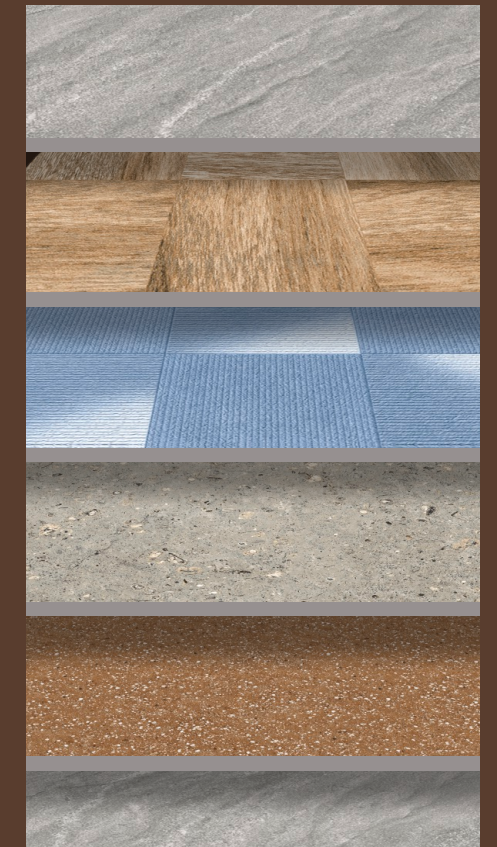
DURASTONE
HEAVY DUTY VITRIFIED TILES

KEY FEATURES

- Anti Skid
- Frost Resistance
- High Flexural Strength
- Easy To Clean
- Suitable For Indoor & Outdoor Application
- Size
- Heavy Load Bearing
- High Mechanical Resistance
- Floor Tiles
- Chromatic Properties
- Wear Resistance
- Eco Friendly & Recyclable
- Fire Resistance
- Chemical Resistance
- Thickness

APPLICATION AREA

- Garden
- Exit Area
- Industrial Area
- Railway
- Metro
- Gazebos
- Pavement
- Parking
- Swimming Area



**40x
40cm**

**OUTDOOR
VITRIFIED TILES**



OUTDOOR VITRIFIED TILES

Floor - **AMANS BROWN** | Surface - **Matt** | Size - **400x400mm**

OUTDOOR VITRIFIED TILES

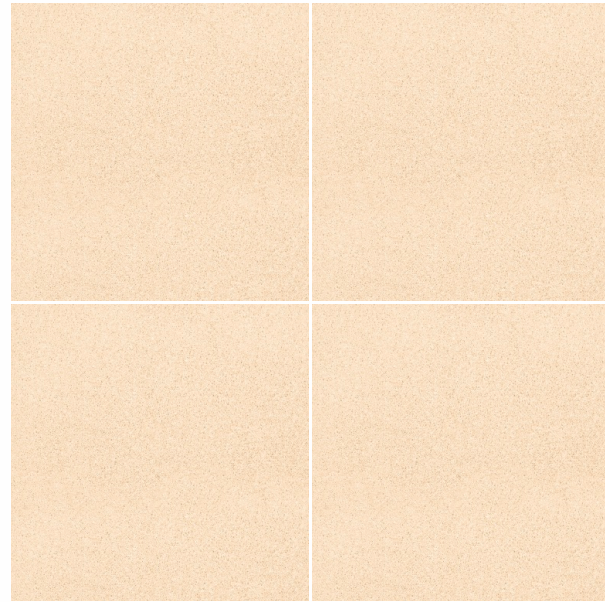
Size - **400x400mm**

Surface - **Matt**

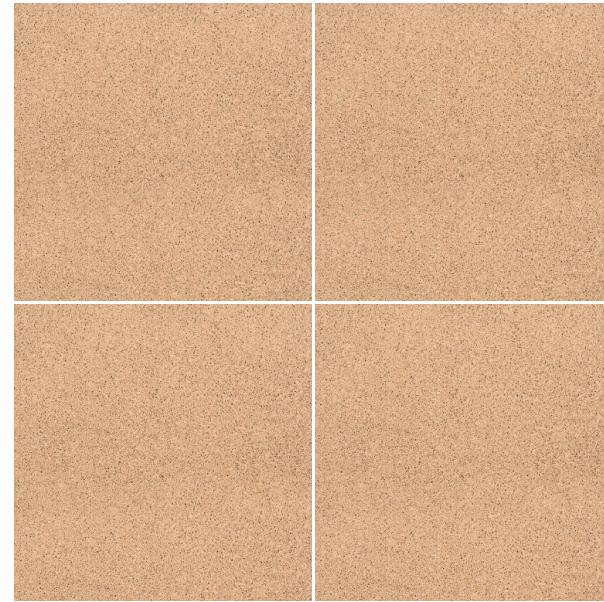
**40x
40cm**



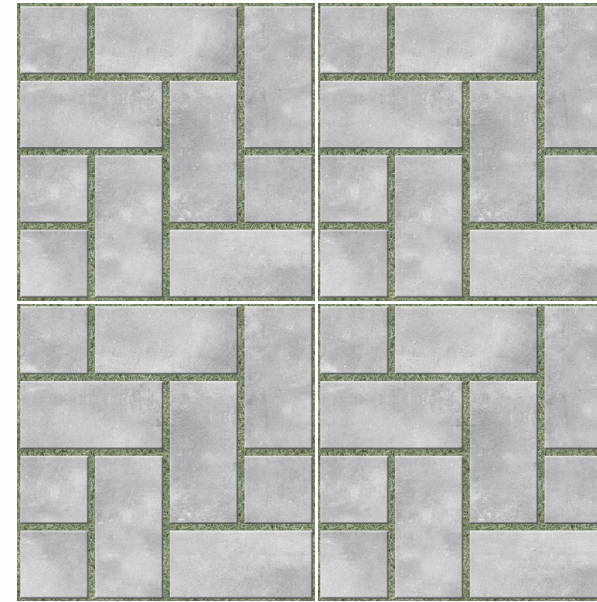
DURASTONE
HEAVY DUTY VITRIFIED TILES



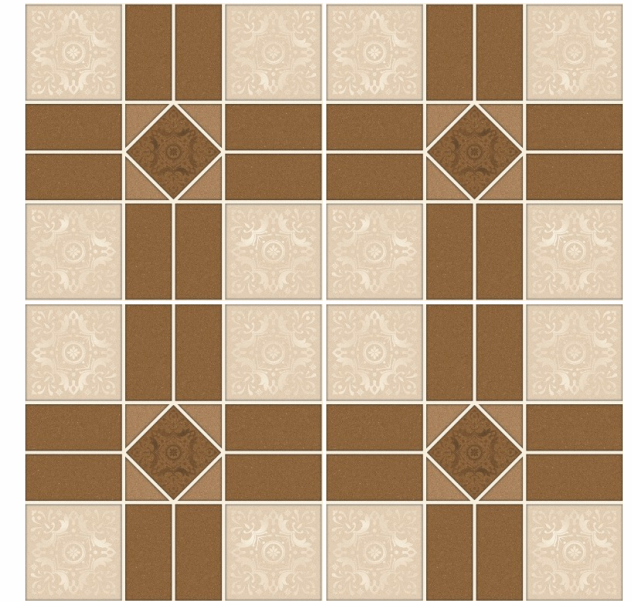
ALOMB BEIGE



ALOMB BROWN



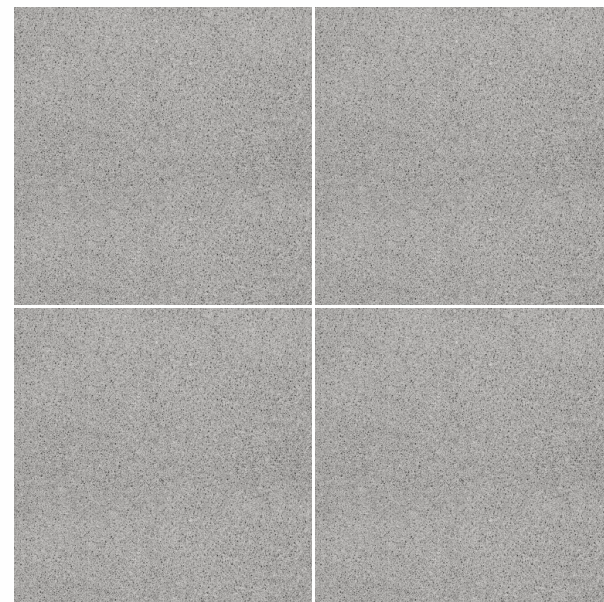
ABADIA GREY



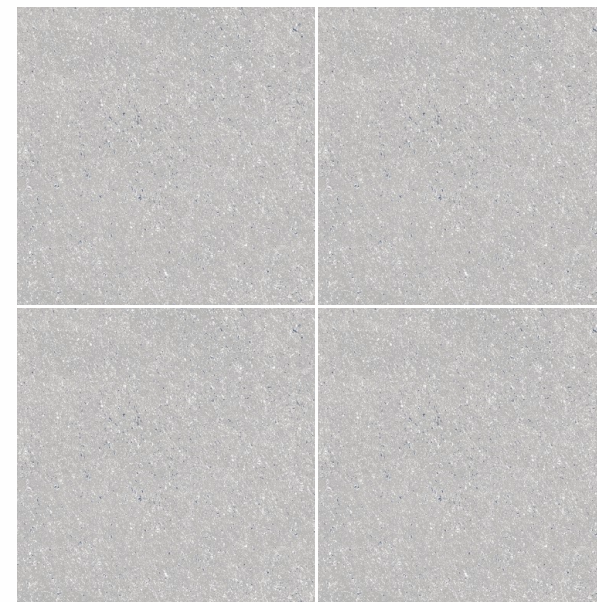
AMANS BROWN



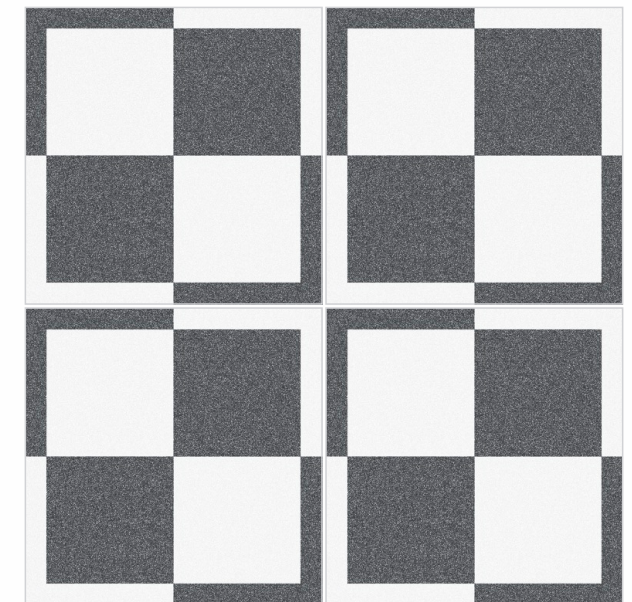
ALOMB LIGHT GREY



ALOMB DARK GREY



ANNET GREY



GRATIEN GREY



OUTDOOR VITRIFIED TILES

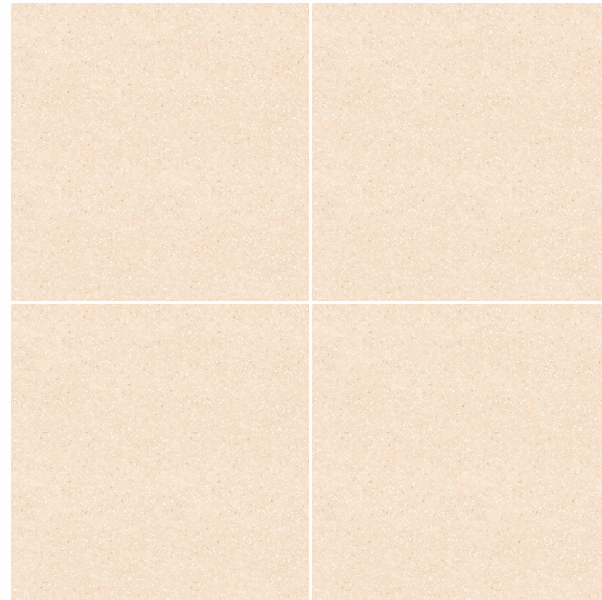
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Surface - **Matt**

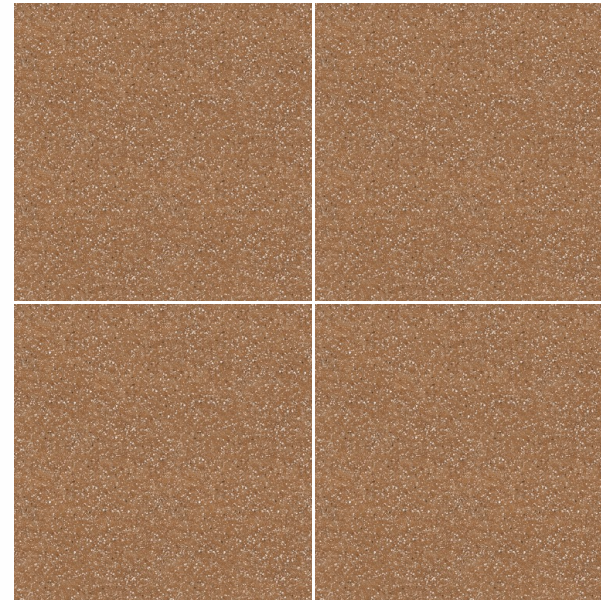
**40x
40cm**



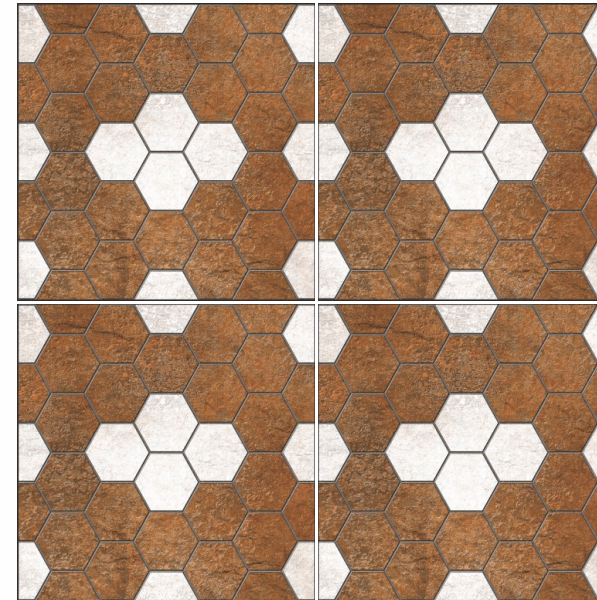
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BOLSENA BEIGE



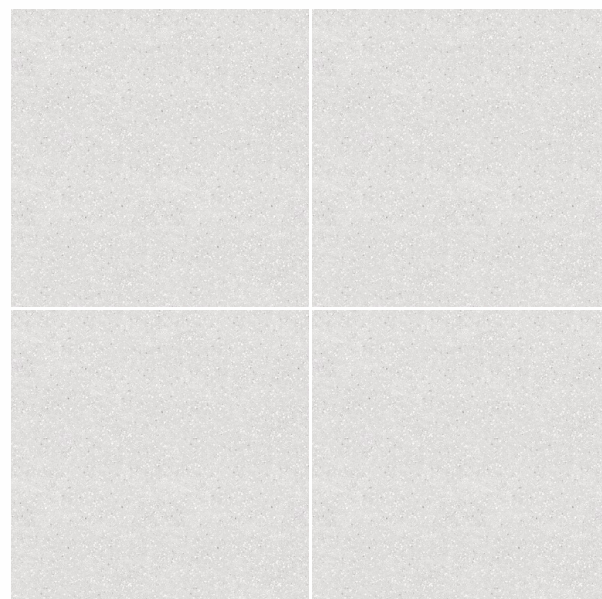
BOLSENA BROWN



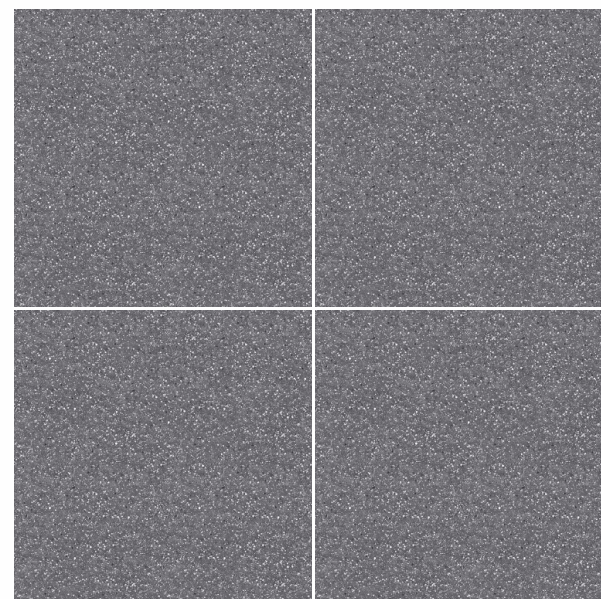
DUCAL BROWN



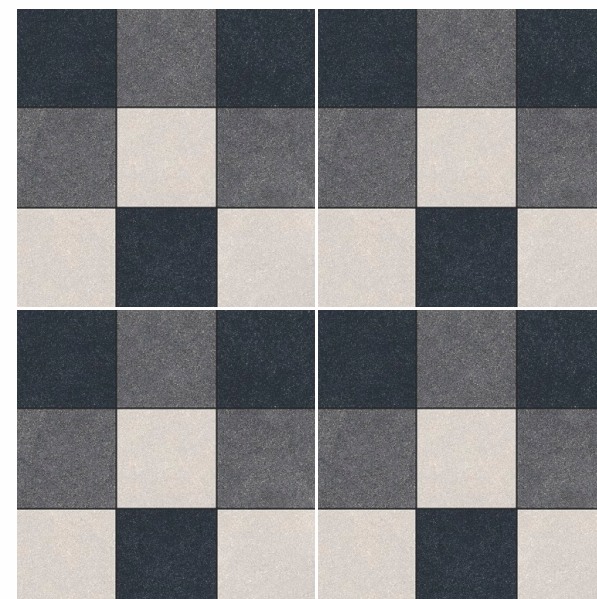
DUCAL GREY



BOLSENA LIGHT GREY



BOLSENA NERO



ELVINA GREY



ELVINA NATURAL

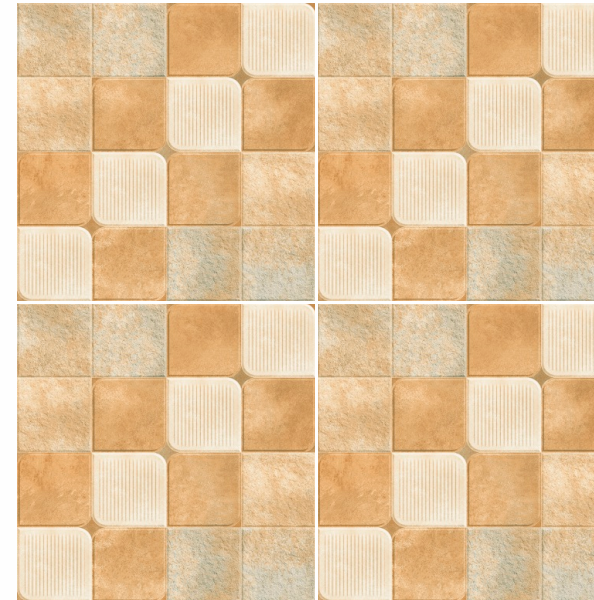




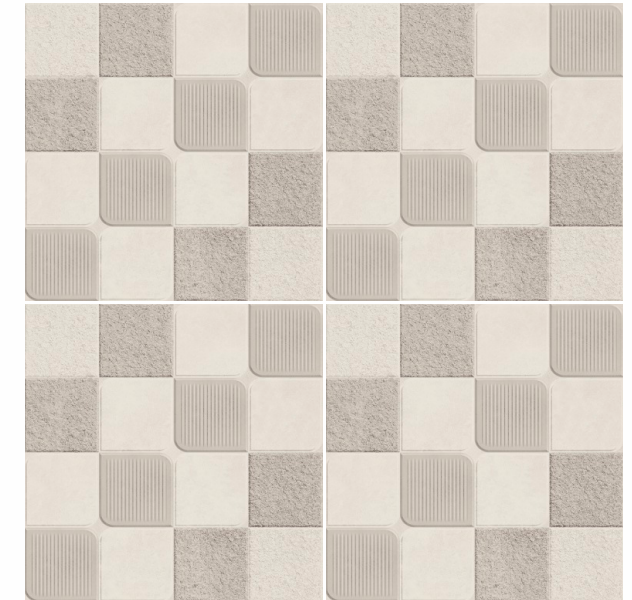
OUTDOOR VITRIFIED TILES

Floor - **FILO BROWN** | Surface - **Matt** | Size - **400x400mm**

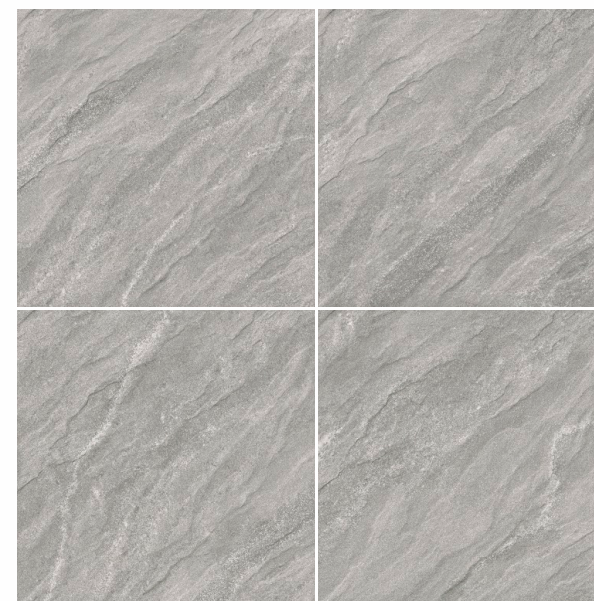
OUTDOOR VITRIFIED TILES



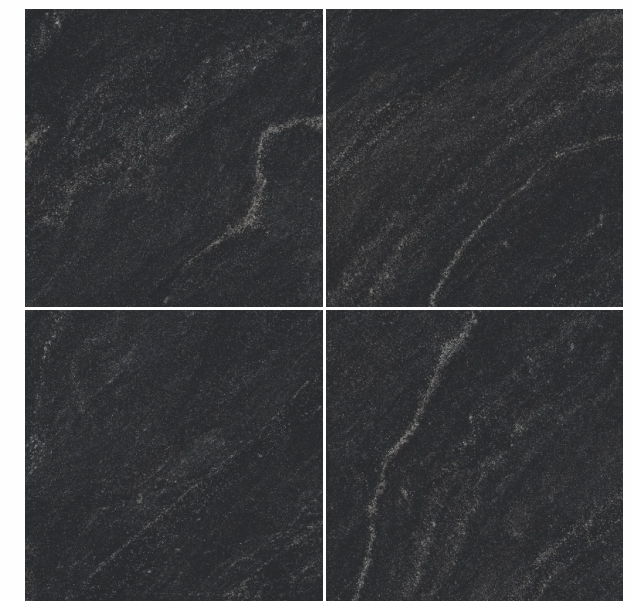
FILO BROWN



FILO GREY



WALTER GREY



HENRIA NERO



OUTDOOR VITRIFIED TILES

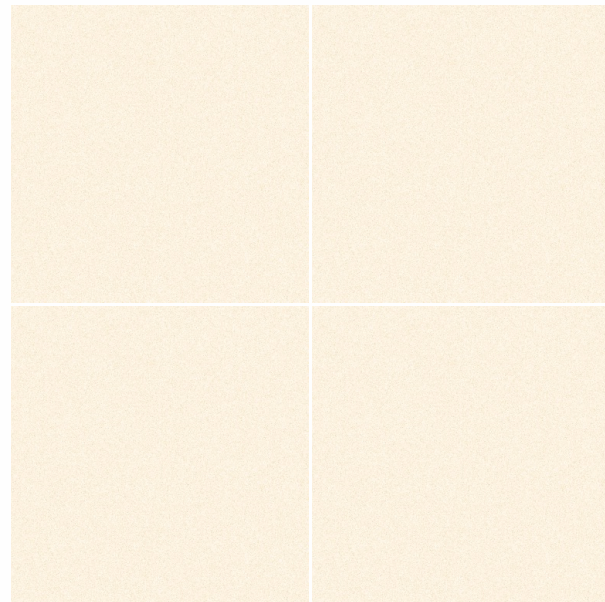
Size - **400x400mm**

Surface - **Matt**

**40x
40cm**



DURASTONE
HEAVY DUTY VITRIFIED TILES



HUTTON CREMA



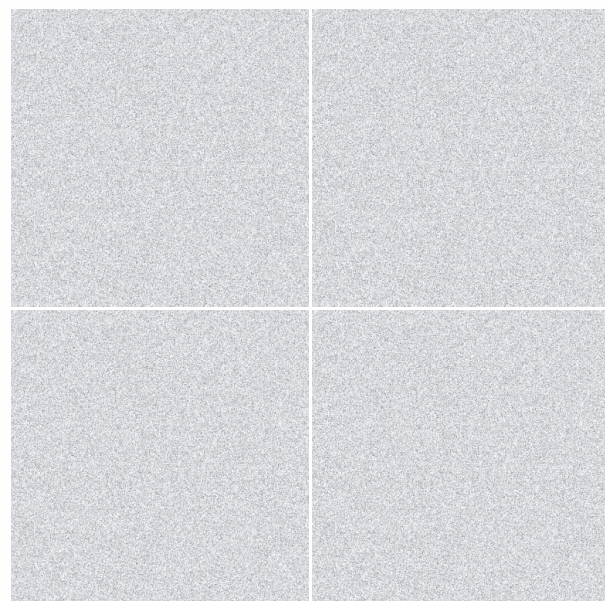
HUTTON BEIGE



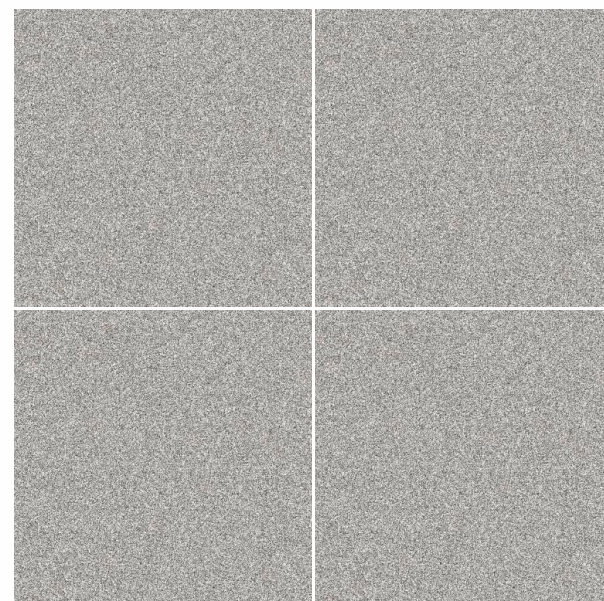
ICARO LIGHT



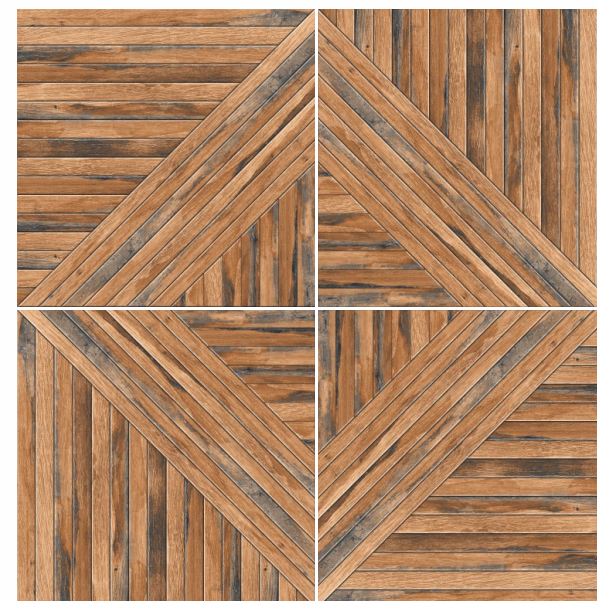
ICARO DARK



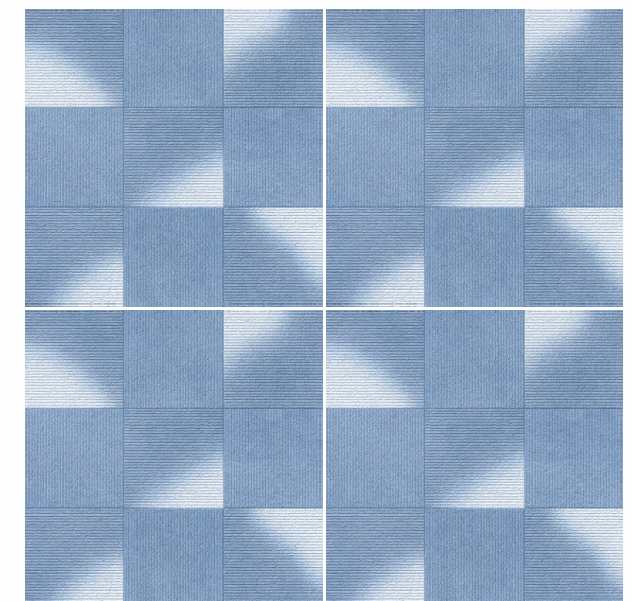
HUTTON LIGHT GREY



HUTTON DARK GREY



METEOR BROWN



OSMIN BLUE



OUTDOOR VITRIFIED TILES

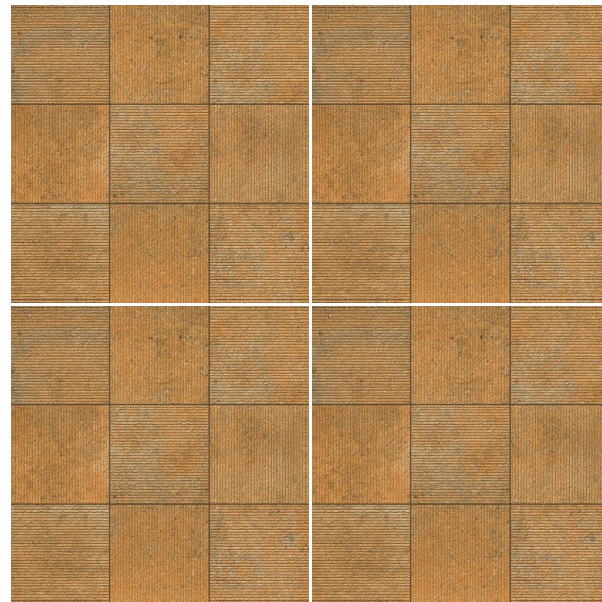
Size - 400x400mm

Surface - Matt

40x
40cm



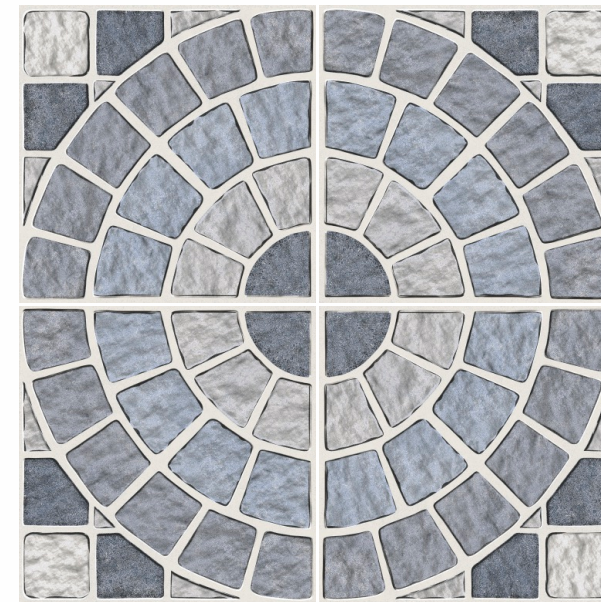
DURASTONE
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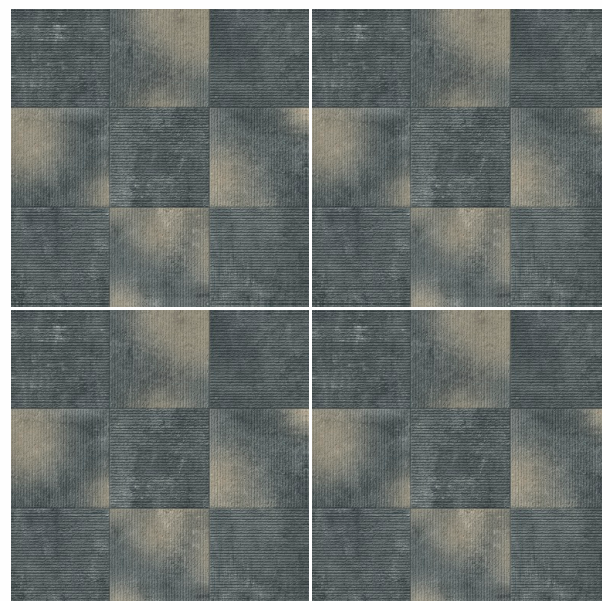
OSMIN BROWN



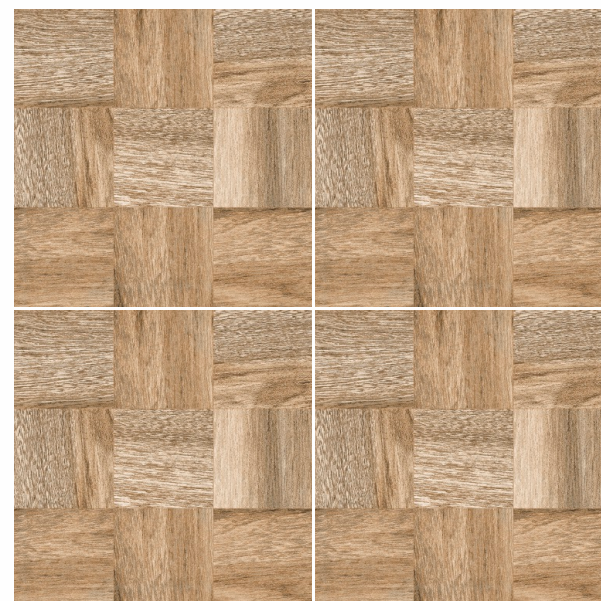
OSMIN DÉCOR



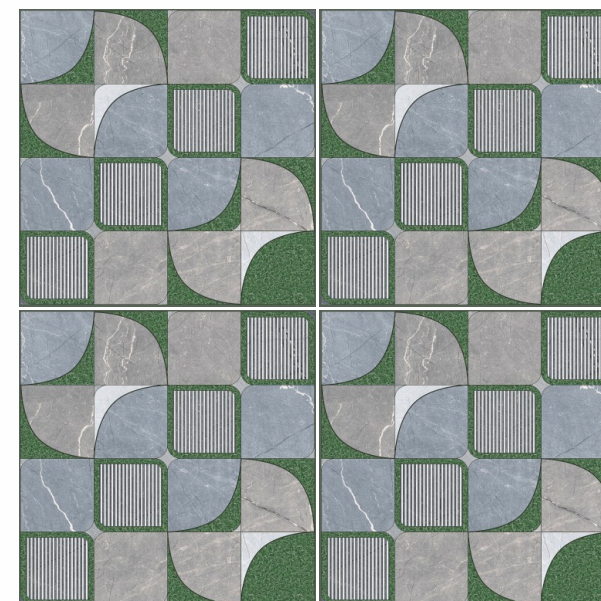
REIMS GREY



OSMIN NERO



OSMIN WOOD BROWN



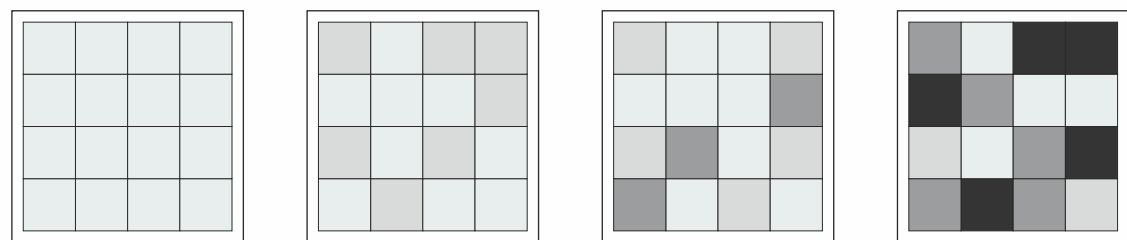
TITAN GREEN



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.

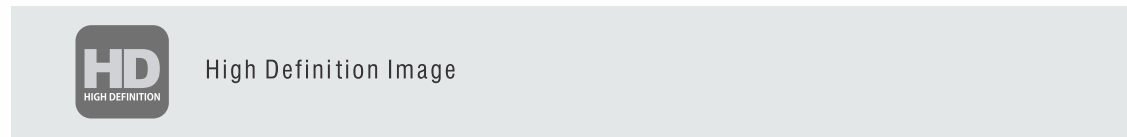
Recognising this situation, it is necessary to be informed on the grade of design & pattern variation that is expected from these products. As a general reference, the design & Pattern guide below classifies a scale of ranges according to the degree of variation.



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

The classification is as follow:

V1 Minimal Variation **V2** Slight Variation **V3** Random 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 DURASTONE TILES - 400X400MM

Nominal Size	Thickness	Avg. Wt. Per Box (Kg.)	No. of Tiles Per Box	Coverage Area Per Box
400x400MM (Digital Pavesmart)	11.5mm	19.5 kg	5	0.80 sq meter / 8.61sq feet

TECHNICAL SPECIFICATION FOR DURASTONE TILES - 400X400MM

Characteristics	Requirement as per ISO 13006:2018 ≤ 0.5% Group B I a	Requirement as per IS 15622:2017 0.08≤E≤3.0 Group B I b	Our value	Test Method
Dimension & Surface Quality				
Length & Width	± 0.3%	± 0.1%	± 0.10%	IS 13630 Part 1/ ISO 10545-2
Thickness	± 5.0%	± 5.0%	± 4.0%	
Straightness of Side	± 0.30%	± 0.10%	± 0.10%	
Rectengularity	± 0.30%	± 0.10%	± 0.10%	
Surface Flatness				
Center curvature (%) (max.Deviation)	± 0.40%	± 0.50%	± 0.2%	
Edge curvature (%) (max.Deviation)	± 0.40%	± 0.50%	± 0.2%	
Corner warpage (%) (max.Deviation)	± 0.40%	± 0.50%	± 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. 0.08 ≤ E ≤ 3.0	Av < 3.0 %	IS 13630 Part 2/ ISO 10545-3
Modulus of Rupture [N/mm ²]	Av 35, Individual 32 min	Av 30, Individual 27 min	Avg.> 35	IS 13630 Part 6/ISO 10545-4
Breaking Strength in N	1300 N	1100 N	Min. 1800 N	
Moisture Expansion in mm/m	Test Method Available	0.02 Max	Max,0.02	IS 13630 Part 3/ISO-10545-10
Scratch Hardness of surface (Mohs)	N/A	Min. 5	Min-6	IS 13630 Part-13
Resistance to Surface Abrasion of Glaze Tiles	Min Class II	Min II	Gr IV	IS 13630 Part 11/ ISO 10545-Part 7
Coefficient of linear thermal expansion from embian temperature to 100° C	Test Method Available	Max 7 X 10 ⁻⁶ K ⁻¹	Max 6 X 10 ⁻⁶ K ⁻¹	IS 13630 Part 4/ ISO 10545-8
Thermal Shock Resistance	Required	Min 10 Cycle Passed	10 cycle passed	IS 13630 Part 5/ISO-10545-9
Crazing Resistance	N/A	Min 4 Cycles @ 7.5 bar, Min.	4 cycle passed	IS 13630 Part 9/ISO 10545-11
Imapct Resistance as Co-efficient of Restitution (COR)	Test Method Available	Min 0.55	Min 0.55	IS 13630 Part 5/ISO-10545-14
Frost Resistance	Required	Required if agreed	100 Cycle Passed	IS 13630 Part 10/ISO 10545-12
Chemical Resistance (glazed Tiles)				
Stain Resistance	Min Class 3	Min Class 1	Min Class 2	IS 13630 Part 8/ISO 10545-14
Resistance to household chemicals	Minimum B	Required if agreed	Min Class AA	IS 13630 Part 8/ISO 10545-14
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Declared Value ^f	Required if agreed	Min Class AA	

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" for Somany 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/fixed. Complaints will not be entertained for Borders, Highlighters & Motifs.

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PORTFOLIO



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Ezy Fix

TILES ADHESIVES & GROUTS

SOMANY



**HIGH STRENGTH POLYMER MODIFIED
TILE ADHESIVE**



BENEFITS

- » READY AND EASY TO USE
- » EXCELLENT BONDING WITH ALL SURFACES
- » FAST SETTING
- » SELF-CURING

USES

- » FOR FIXING ALL TYPE OF TILES
- » FOR NEW FLOORING AND RENOVATION
- » CAN BE USED FOR TILE ON TILE