



SOMANY

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DURASTONE / CAT / APRIL-2024

DURASTONE
HEAVY DUTY VITRIFIED TILES

SOMANY
TILES | BATHWARE

**HEAVY DUTY
VITRIFIED TILES**

600 X 600 MM

 **12mm-Thickness**

**UNIT-3
FOR ALL INDIA**

Charm *of*
Intricasy

DURASTONE™
HEAVY DUTY VITRIFIED TILES

Discover the ultimate solution for your outdoor parking needs – our rugged 12mm thickness outdoor parking tiles! These meticulously engineered tiles are crafted to endure the harshest outdoor conditions, making them the ideal choice for elevating both the visual appeal and practicality of your parking area. Their robust construction guarantees enduring performance, while our extensive selection of designs and colors empowers you to fashion a visually captivating and secure space.

HEAVY DUTY VITRIFIED TILES
600 x 600mm

12mm-Thickness



Tiles Shown:
AMO BROWN & AMO DÉCOR

HEAVY DUTY VITRIFIED TILES
600 x 600mm



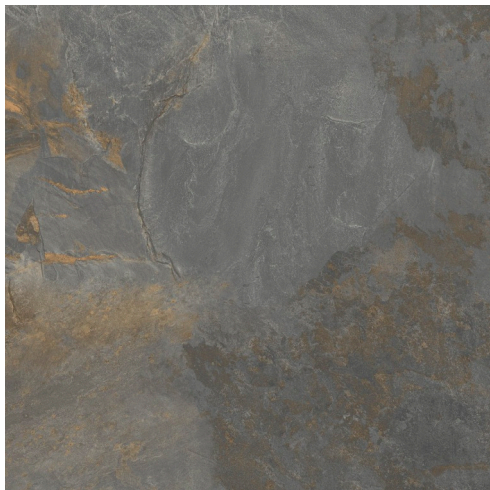
12mm-Thickness



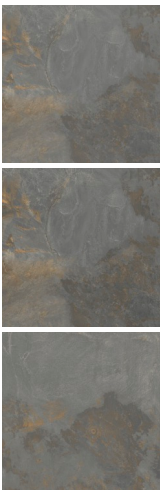
IGRA COTTO
V1



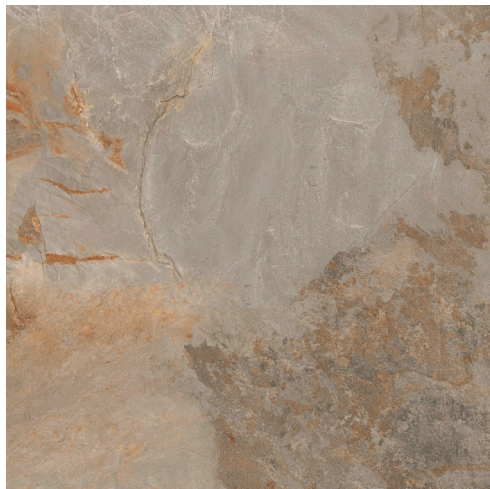
AMO DÉCOR
V1



ARIYA GRIS
V4



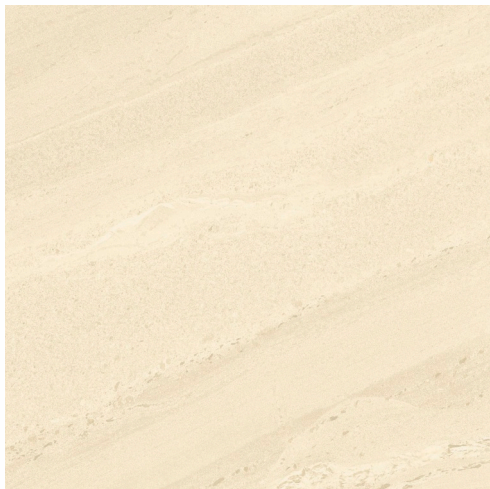
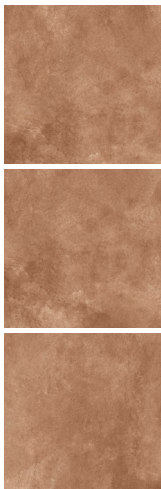
ELOISE VERDE
V4



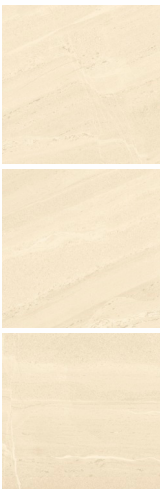
ANALIA RUST
V4



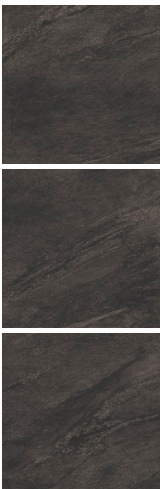
AMO BROWN
V4



ELENI CREMA
V4



ERIN BLACK
V4





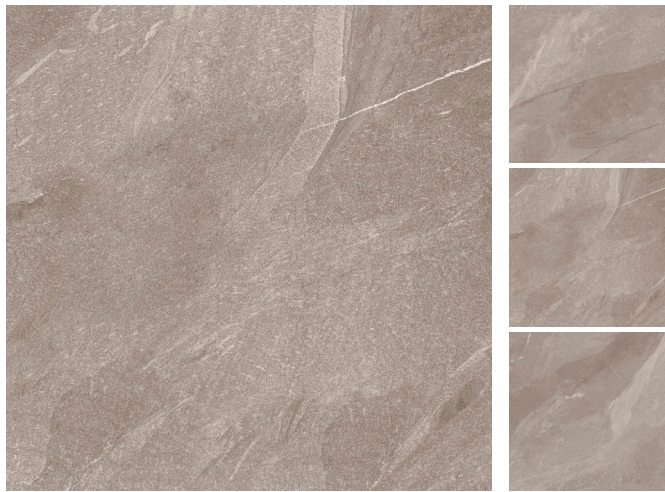
DURASTONE
HEAVY DUTY VITRIFIED TILES

Tiles Shown:
GATIEEN COFFEE & GATIEEN DECOR

HEAVY DUTY VITRIFIED TILES
600 x 600mm



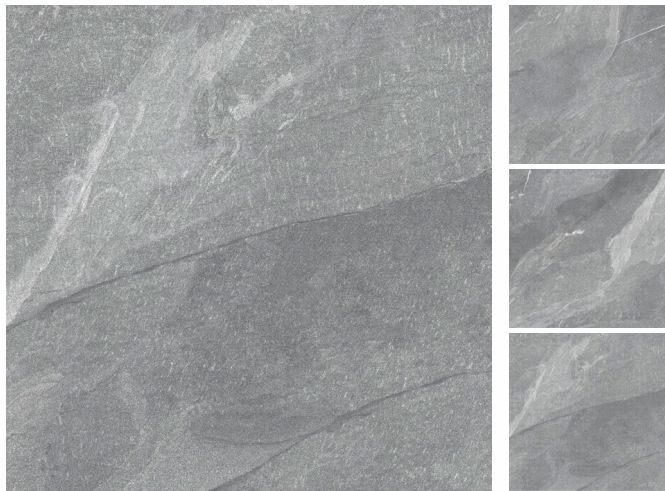
12mm-Thickness



FENYX COFFEE
V4



FAVOR BIANCO
V4



FENYX GREY
V4



GATIEN DECOR
V1



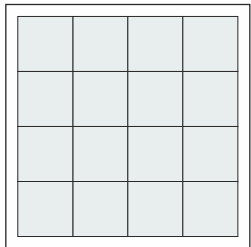
GATIEN COFFEE
V4

HEAVY DUTY VITRIFIED TILES
600 x 600mm

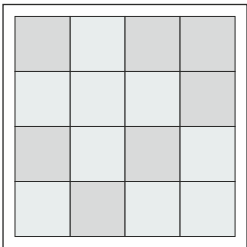
DESIGN, PATTERN & SHADE VARIATION GUIDE

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.

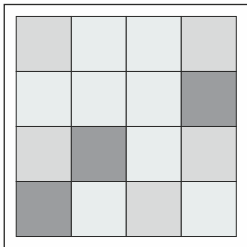
Recognising this situation, it is necessary to be informed on the grade of design & pattern variation that is expected from these products. As a general reference, the design & Pattern guide below classifies a scale of ranges according to the degree of variation.



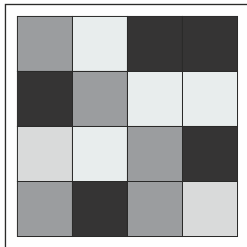
V1 Uniform Appearance



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



High Definition Image

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

TECHNICAL
SPECIFICATION



PACKAGING DETAIL FOR DURASTONE TILES				
Nominal Size	Thickness	Avg. Wt. Per Box (Kg.)	No. of Tiles Per Box	Coverage Area Per Box
600x600MM (Digital)	12.0mm	28.0 kg	3	1.08 sq meter / 11.625sq feet

TECHNICAL SPECIFICATION FOR DURASTONE TILES				
Characteristics	Requirement as per ISO 13006:2018 ≤ 0.5% Group B I a	Requirement as per IS 15622 :2017 0.08 < E < 3% Group B I b	Our value for 600x600mm Durastone	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%	± 0.1%	± 0.10%	
Rectangularity	± 0.30%	± 0.1%	± 0.10%	
Surface Flatness				
Center curvature (%) (max.Deviation)	± 0.40%	± 0.5%	± 0.2%	
Edge curvature (%) (max.Deviation)	± 0.40%	± 0.5%	± 0.2%	
Corner warpage (%) (max.Deviation)	± 0.40%	± 0.5%	± 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	Av. 0.08< E < 3 %, Individual 3.3 max	Av < 0.5 %	IS 13630 Part 2/ ISO 10545-3
Modulus of Rupture [N/mm²]	Av 35, Individual 32 min	Avg. 30, Individual 27 Min	Avg.> 35	IS 13630 Part 6/ISO 10545-4
Breaking Strength in N	Min 1300 N	Min 1100 N	Min 2500 N	
Moisture Expansion in mm/m	Test Method Available	0.02	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
Surface Abrasion Resistance	Min Class II	Min II	Max. 140	IS 13630 Part 13/ ISO 10545-Part 7
Coefficient of linear thermal expansion from embiant temperature to 100° C	Test Method Available	7 X 10 ⁻⁶ K ⁻¹ Max	Max 6 X 10 ⁻⁶ K ⁻¹ max	IS 13630 Part 4/ ISO 10545-8
Thermal Shock Resistance	Required	10 Cycle Min	10 cycle passed	IS 13630 Part 5/ISO-10545-9
Crazing Resistance	N/A	4 cycle @ 7.5bar min	4 cycle passed	IS 13630 Part 9/ISO 10545-11
Imapct Resistance as Co-efficient of Restitution (COR)	Test Method Available	0.55 Min	Min 0.55	IS 13630 Part-14/ISO 10545-5
Frost Resistance	Required	Required	100 Cycle Passed	IS 13630 Part 10/ISO 10545-12
Chemical Resistance (glazed Tiles)				
Stain Resistance	Min Class 3	Not Available	Min Class 2	IS 13630 Part 8 &ISO 10545-14
Resistance to household chemicals	Minimum B	Test Method Available	Class AA	IS 13630 Part 8/ ISO 10545-13
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Declared Value ^f	Test Method Available	Required if agreed	

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.

SOMANY
Bathware

Our PORTFOLIO



Water Closets | Basins | Faucets | Showers | Water Heaters | Accessories

SOMANY

Ezy Fix
TILE ADHESIVE



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