



### **Power of Desire**









# MARVELA FLOOR TILES

COLLECTION

800x1600mm

**PRODUCT LAUNCH** 

2023





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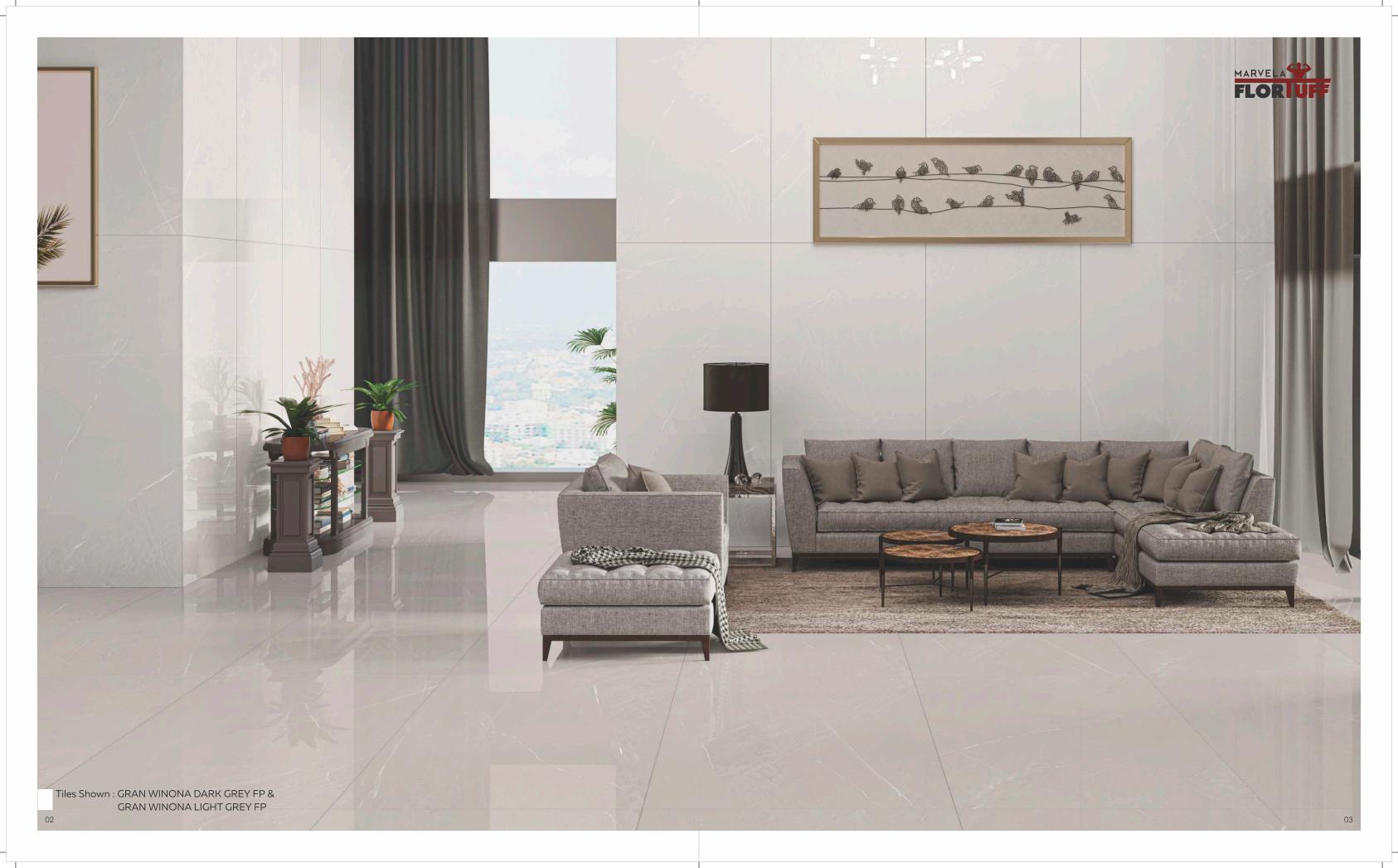








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# **HD FULL POLISHED**

GRAIN GREYSON GREY HG

GRAIN SARAH BEIGE FP ENDLESS

## 800x1600mm TILES COLLECTION

V4 🔷 🐧 👣









GRAIN SUTTON BLACK HG







V4 🕴 🐧 👣















## 800x1600mm

#### TILES COLLECTION











GRAN CORMAC LIGHT GREY CR





GRAN DAVINA BIANCO CR



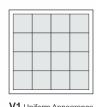
GRAN DAVINA BROWN CR

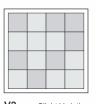
#### V4 **→** 🐧 👣

## **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.

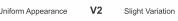
Recognising this situation, it is necessary to be informed on the grade of design & pattern variation that is expected from these products. As a general reference, the design & Pattern guide below classifies a scale of ranges V1 Uniform Appearance according to the degree of variation.











V3 Moderate Variation



The classification is as follow:





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

PACKING DETAIL FOR UNIT-3 MARVELA TILES						
Nominal Size	Thickness (mm)	Av. Wt. per carton (Kg)	No. of Tiles per carton	Coverage area per carton		
800X1600mm (Gran Series)	9.0	53.0	2	2.56sq.mtr./27.55sq.ft.		

TECHNICAL SPECIFICATION FOR UNIT-3 MARVELA TILES								
	Characteristics	Requirement as per IS 15622:2017 0.08 < E ≤ 3% Group B I b	Requirement as per ISO 13006: 2018 0.5 ≤ E ≤ 3% Group B I b	Our Value	Test Method			
Α	Dimension & Surface Quality							
1	Length & Width	± 0.1 %	±0.3%	± 0.1%				
ii	Thickness	± 5.0 %	± 5.0%	± 4.0%				
iii	Straightness of Side	± 0.1 %	±0.3%	± 0.1%				
iv	Rectengularity	± 0.1 %	±0.3%	± 0.1%				
v	Surface Flatness				IS 13630 Part 1/ISO 10545-2			
а	Center curvature (%) (max.Deviation)	± 0.5 %	±0.4%	± 0.2%				
b	Edge curvature (%) ( max.Deviation)	± 0.5 %	±0.4%	± 0.2%				
С	Corner warpage (%)( max.Deviation)	± 0.5 %	±0.4%	± 0.2%				
vi	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				
В	Physical Properties							
1	Water Absorption (%)	Av. $0.08 < E \le 3 \%$ , Individual 3.3 max	Av. 0.5< E ≤ 3 %, Individual 3.3 max	Avg. E ≤ 3.0 %	IS 13630 Part 2/ISO 10545-3			
ii	Modulus of Rupture [N/mm²]	Avg. 30, Individual 27 Min	Avg. 30, Individual 27 Min	Avg. > 30	IS 13630 Part 6/ISO 10545-4			
iii	Breaking Strength in N	Min. 1100	Min. 1100	Min. 1100				
iv	Moisture Expansion in mm/m	0.02	Test Method Available	0.02	IS 13630 Part 3/ISO-10545-10			
V	Scratch Hardness of surface (Mohs)	Min 5	N.A	Min. 5 (for Matt), Min.3 (for Polished)	IS 13630 Part 13			
vi	Resistance to Abrasion of glazed tiles( Class I to V )	Min II	Abrasion Class & Cycle passed	Class-V (for Matt), Class-III (for Polished)	IS 13630 Part 11/ISO 10545-7			
vii	Coefficient of linear thermal expansion from embiant temperature to 100°C	7 X 10 <sup>-6</sup> K <sup>-1</sup> max	Test Method Available	Max 6 X 10 <sup>-6</sup> K <sup>-1</sup> Max	IS 13630 Part 4/ISO 10545-8			
viii	Thermal Shock Resistance	10 cycle min	Test Method Available	10 cycle passed	IS 13630 Part 5/ISO-10545-9			
ix	Crazing Resistance	4 cycle @ 7.5bar min	Required	4 cycle passed	IS 13630 Part 9/ISO 10545-11			
х	Impact Resistance as Co-efficient of Restitution (COR)	0.55 Min	Test Method Available	Min 0.55	IS 13630 Part-14/ISO 10545-5			
xi	Forst resistance	Required	Required	100 cycle passed	IS 13630 Part 10/ISO 10545-12			
С	Chemical Resistance (Glazed Tiles)							
1	Stain Resistance	Min Class 1	Min Class 3	Min Class-1(For Matt), Min Class-2(for Polished)	IS 13630 Part 8 & ISO 10545-14			
ii	Resistance to household chemicals	Min Class AA	Min B	Min Class AA	IS 13630 Part 8/ISO 10545-13			
III	Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Required if agreed	Declared Value <sup>r</sup>	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 physical sample before placing the order. Technical Specifications 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 the tiles are laid/fixed. Complaints will not be entertained for Borders, Highlighters & Motifs.

