



**SOMANY**

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VITRO / CAT / NOVEMBER 2022

# VITRO

## FULL BODY VITRIFIED TILES

COLLECTION

1200x1800mm

tech  
HOMOGENEA  
NEXT GENERATION TILES

UNIT - 3 | FOR ALL INDIA

**SOMANY**

Tiles | Bathware

ZAMEEN SE JUDEY







## TECH HOMOGENEA - MAKE THE RIGHT MOVE!

The beauty and grace of the space are largely defined by the right choice of tiles. While the strength and longevity of the product are crucial and deciding factors, aesthetic elegance and style are something that allure you at first sight. With Somany Full Body Vitrified Tiles, you always hit the bull's eye. Created using the latest technical advancements, Full Body Vitrified Tiles always score high on strength and durability part compared to Granite/Natural or Engineered Marble as these varieties often come with defects like fracture, porosity and uneven color. Due to its low porosity compared to its other options, Full Body Vitrified Tiles absorb less water and remain spotless and beautiful for the longest period. When it comes to surface abrasion or acid resistance, Full Body Vitrified Tiles again prove to be the safe choice with complete resistance unlike its traditional contemporaries offering moderate resistance against acid or alkali. That's not all, if you wish your spaces to be as beautiful and refreshing as new, Full Body Vitrified makes it possible with its long lasting durability which locks the color for a prolonged time. Full Body Vitrified Tiles with a plethora of color and texture options open the door the limitless creative possibilities and even with just a sample, you can find the assured final product compared to granite or other choices where the sample is many times different than the supplied material.

Economically also Full Body Vitrified Tiles are a wiser choice as they are more affordable as well as ensure an easy laying process and less maintenance cost due to their hassle-free handling.

-  Easy to Clean
-  Fire Resistance
-  Heavy Duty Tiles

## CONTENT

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## FEATURES



Antibacterial surface/  
Hygienic surface



Liquid repellent and  
Water resistant



Scratch resistant and  
Abrasion resistant



Chemical and  
Stain resistant



Lowest  
maintenance efforts



Impact resistant



Frost resistant



Fire resistant



Heat resistant



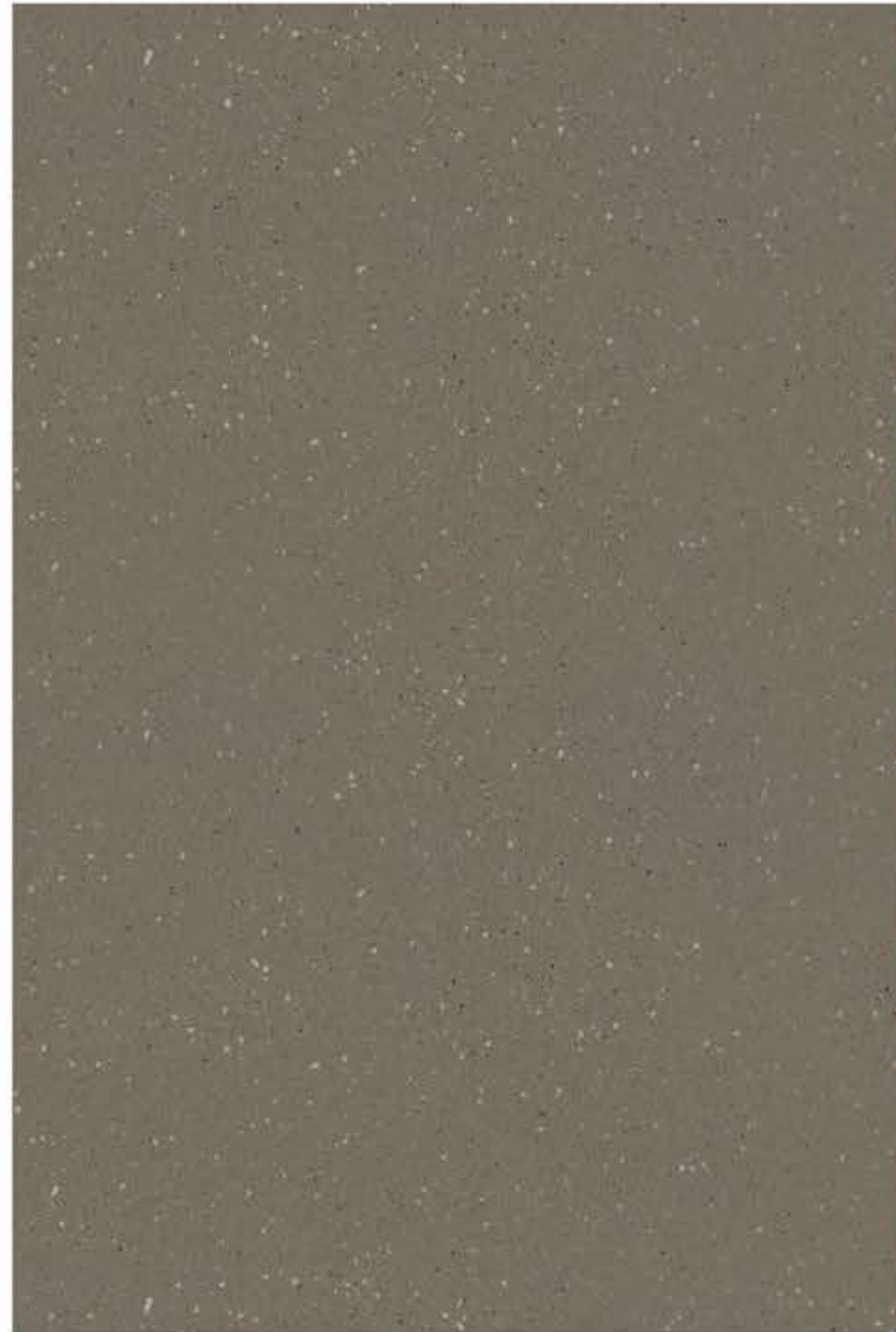
Resistant to  
bending





TILE SHOWN  
ELAN WHITE POLISH





ELAN BARLY POLISH

POLISH FINISH



ELAN BIANCO POLISH

POLISH FINISH



ELAN COCO POLISH

POLISH FINISH



ELAN GREY POLISH

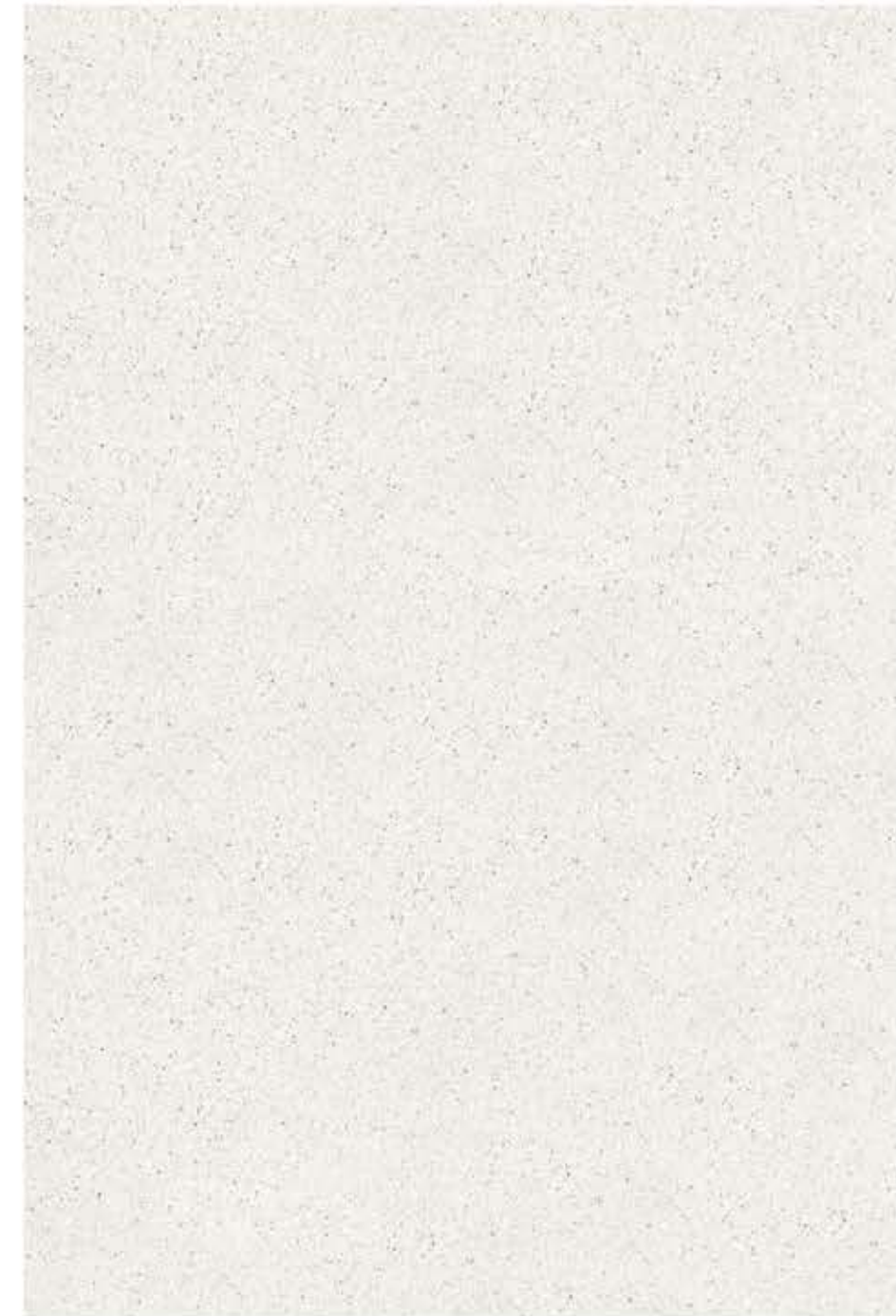
POLISH FINISH





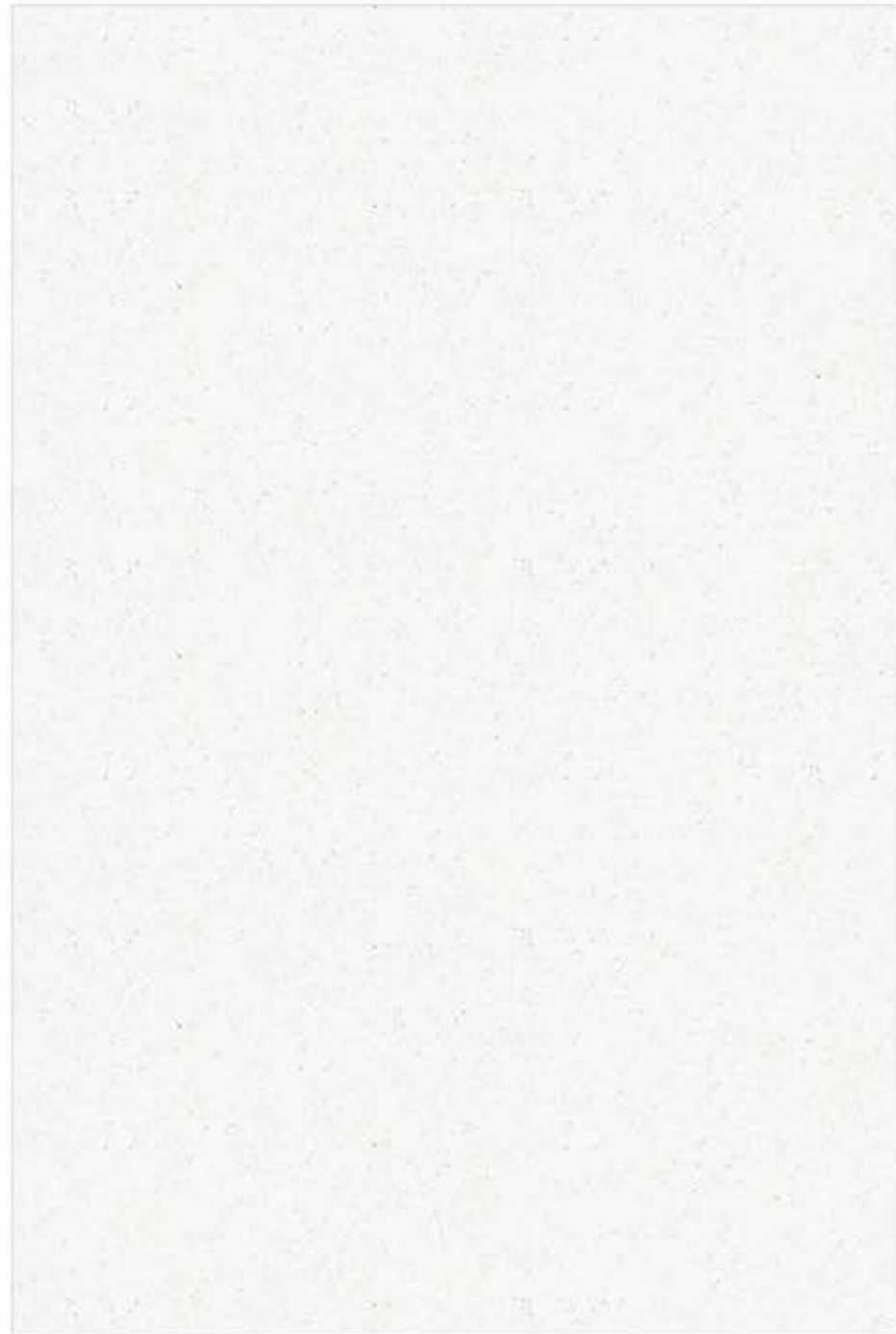
ELAN NERO POLISH

POLISH FINISH



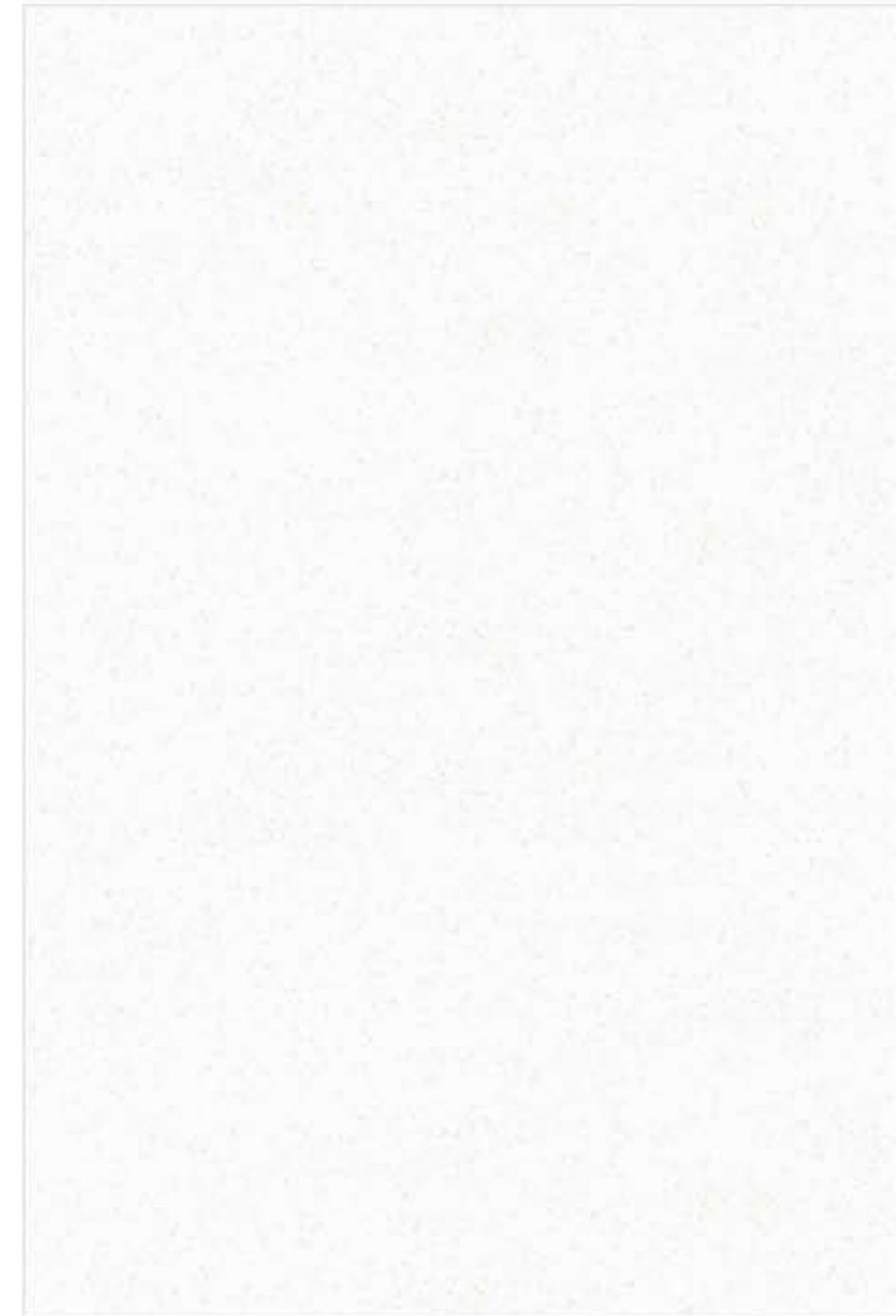
ELAN WHITE POLISH

POLISH FINISH



MAVERICK ALESSIA WHITE POLISH

POLISH FINISH



MAVERICK WHITE PEARL POLISH

POLISH FINISH





MAVERICK COSMO CREMA POLISH

POLISH FINISH



TILE SHOWN  
MAVERICK COSMO CREMA POLISH



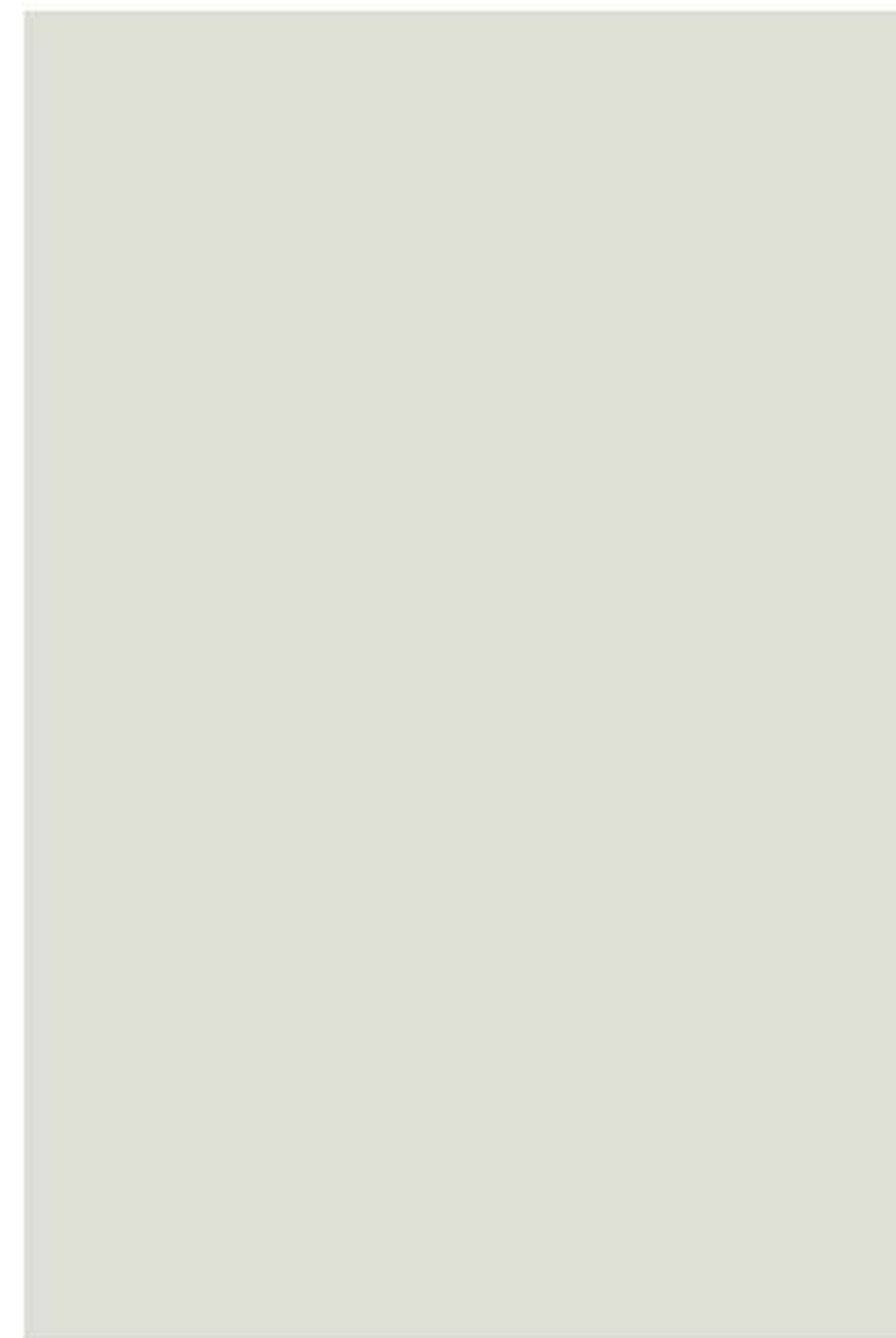


TILE SHOWN  
PRION WALNUT MATT & PRION LIGHT GREY MATT



PRION FOSSIL GREY MATT

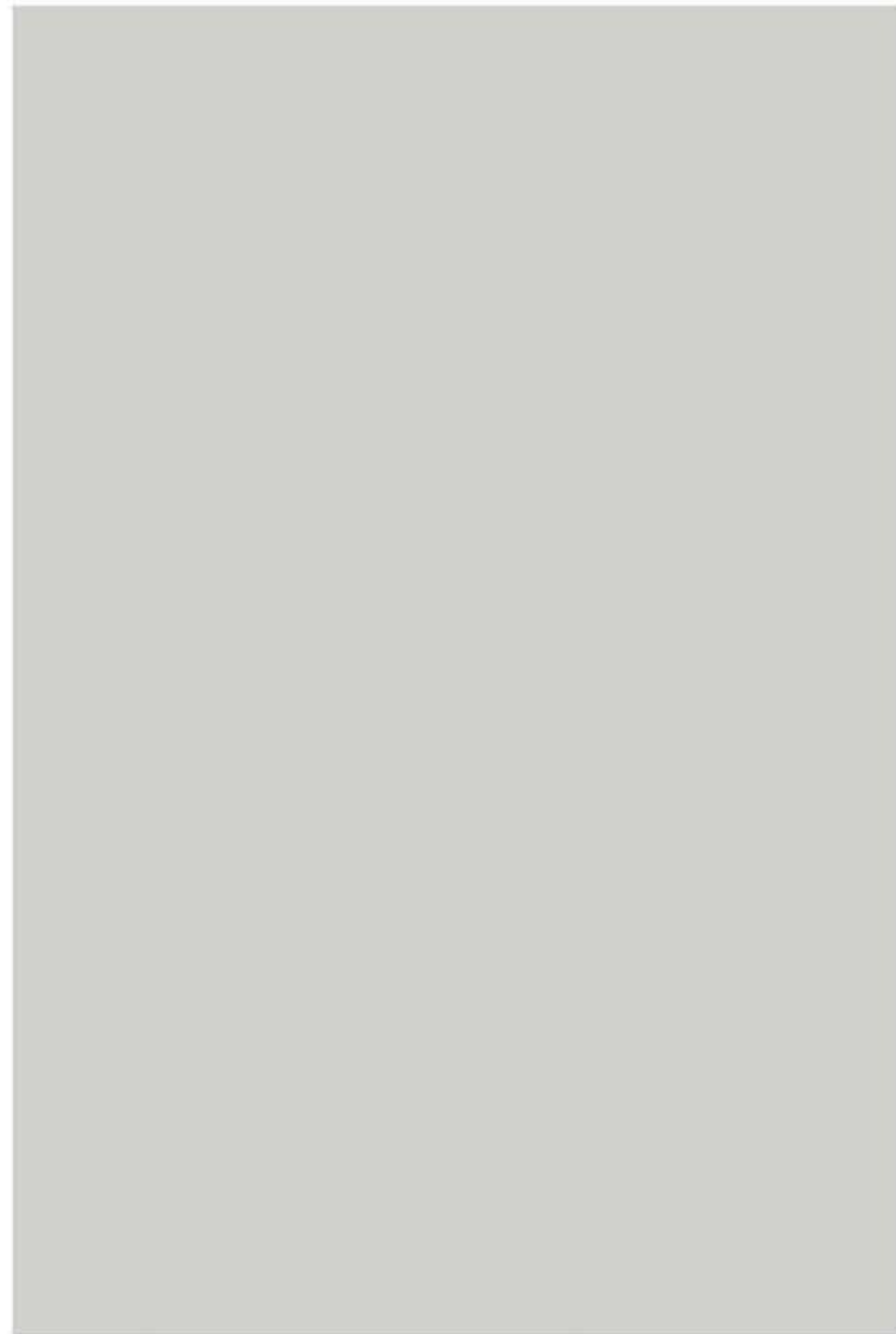
MATT FINISH



PRION LIGHT GREY MATT

MATT FINISH





PRION STEEL GREY MATT

MATT FINISH



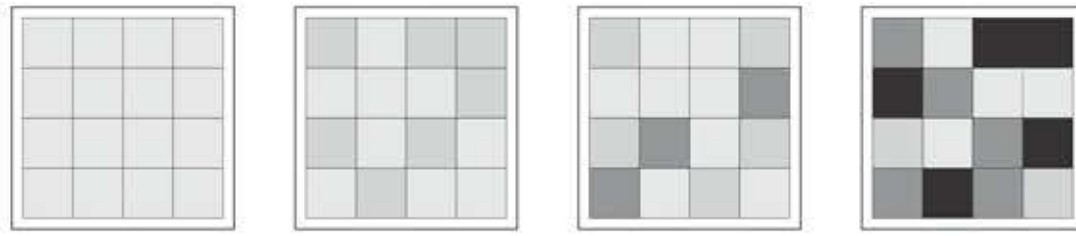
PRION WALNUT MATT

MATT FINISH

### 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 follows:

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

#### Notes

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/fixd. Complaints will not be entertained for Borders, Highlighters & Motifs.

### PACKING DETAIL FOR 1200x1800MM TILES

Nominal Size	Thickness(mm)	Average weight per carton (Kgs)	No. of tiles per carton	Coverage area per carton
1200x1800MM	9 MM	92.500 kgs	2 Pcs	4.32 Sq.Mtr / 46.50 Sq.ft

### TECHNICAL SPECIFICATION FOR 1200x1800MM TILES

Characteristics	Requirement as per IS 15622 :2017 E ≤ 0.08 Group B I a	Requirement as per ISO 13006 ≤ 0.5% Group B I a	Our Values	Test Method
<b>Dimension &amp; Surface Quality</b>				
Length & Width	± 0.10%	± 0.5%	± 0.10%	IS 13630 Part 1/ ISO 10545-2
Thickness	± 5.00%	± 5.00%	± 4.0%	
Straightness of Side	± 0.10%	± 0.50%	± 0.10%	
Rectangularity	± 0.10%	± 0.60%	± 0.10%	
Surface Flatness				
Center Curvature (%) ( Max. Dev.)	± 0.50%	± 0.50%	± 0.2 %	
Edge Curvature (%) ( Max. Dev.)	± 0.50%	± 0.50%	± 0.2 %	
Corner Warpage (%) ( Max. Dev.)	± 0.50%	± 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	
<b>Physical Properties</b>				
Water Absorption	Average ≤ 0.08%, Individual Max. 0.1%	Av ≤ 0.5 %, Individual 0.6% max	< 0.08% Individual Max. 0.1%	IS 13630 Part 2/ ISO 10545-3
Modulus of Rupture [N/mm <sup>2</sup> ]	Av 35, Individual 32 min	Av 35, Individual 32 min	Av 35, Individual 32	IS 13630 Part 6/ISO 10545-4
Breaking Strength in N	1300	Min.1300	Min. 1300	
Moisture Expansion in mm/m	0.02	Test method available	0.02	IS 13630 Part 3/ISO-10545-10
Scratch Hardness of Surface (Mohs)	Min 5	N.A	Min 5	IS 13630 Part 13
Coefficient of Linear Thermal Expansion from ambient Temperature to 100° C	6 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
Thermal Shock Resistance	10 Cycle Min	Required	10 Cycle Passed	IS 13630 Part 5/ISO-10545-9
Crazing Resistance	4 Cycle @ 7.5 bar Min	N.A	N.A	IS 13630 Part 9/ISO 10545-11
Impact Resistance as Co-efficient of Restitution (COR)	0.55 Min	Test Method Available	0.55 Min	IS 13630 Part 14/ISO 10545-5
Deep Abrasion Resistance [in mm <sup>3</sup> ]	140,Max	Max.175	Max.100	IS 13630 PART 12/ISO 10454-6
Frost Resistance	Required	Required	100 Cycle Passed	IS 13630 Part 10/ISO 10545-12
<b>Chemical Resistance (Unglazed Tiles)</b>				
Stain Resistance	Min Class 2	Manufacturer to State The Class	Min Class 2	IS 13630 Part 7/ISO 10545-14
Resistance to Household chemicals	Min Class AA	Min Class UB	Class UA	
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	Required if Agreed	Test Method Available	Class ULA (Low Conc) Class UHA (High Conc)	IS 13630 Part 7/ISO 10545-13

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