

600x600 mm  
**TWIN**  
CHARGED

**Coming  
Soon** 800x800 mm

IDEAL FOR :



Residence



Malls



Airports



Hospitals



Banks



Corporate



#### BENEFITS OF TWIN-CHARGED



TWIN CHARGED tiles have very long life compared to traditional soluble salt vitrified tiles.



Very good for place which has heavy wear and tear



Budget friendly as compared to Double Charged Tiles



TWIN CHARGED gives benefits of both Double-Charged & GVT, because it has strength of DC and Beauty of GVT.



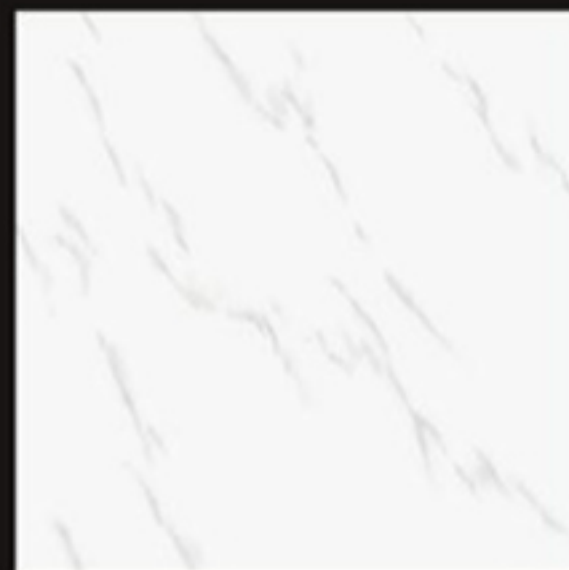
Unlimited designs



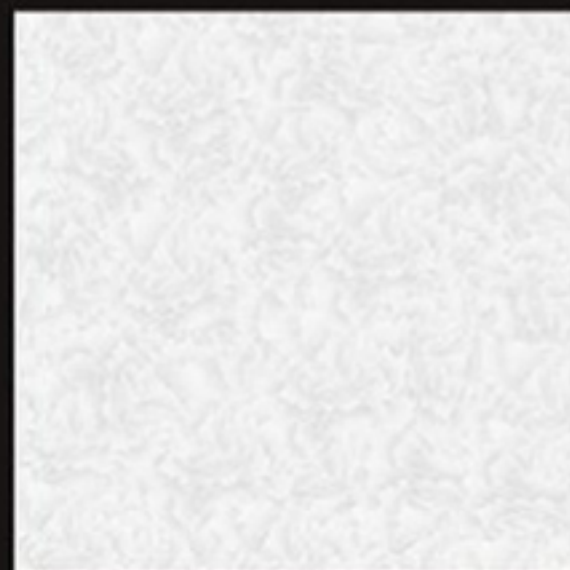
More Whiteness than GVT & Double Charged



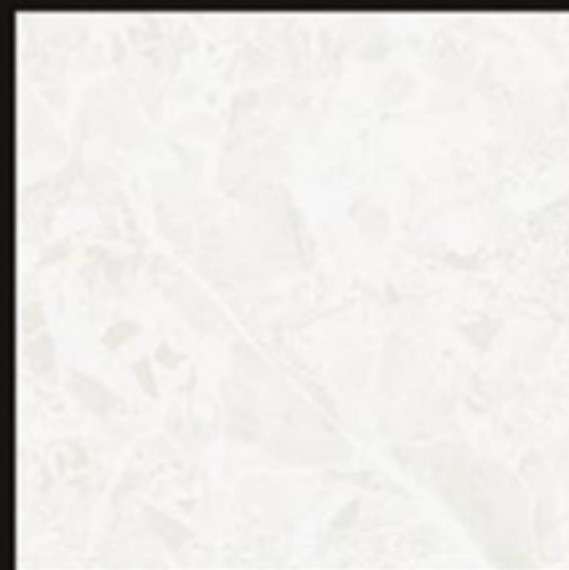
1000



1001

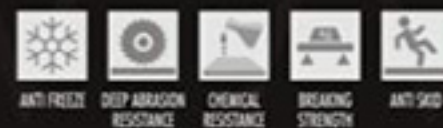


1002



1003

600x600 mm  
**TWIN**  
CHARGED



01



**PRESIDENT**  
GROUP



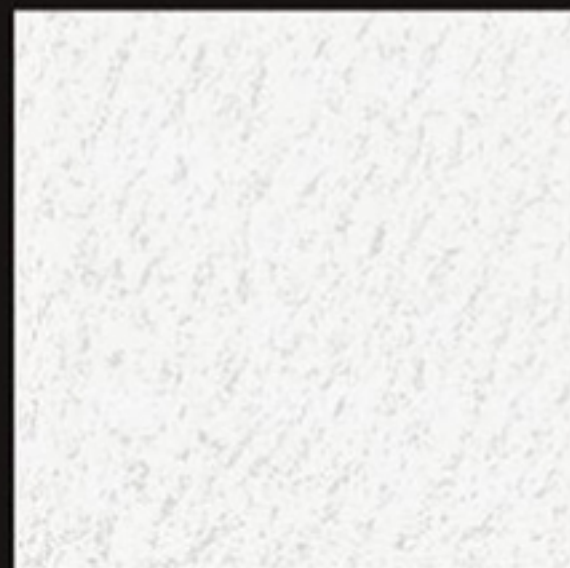
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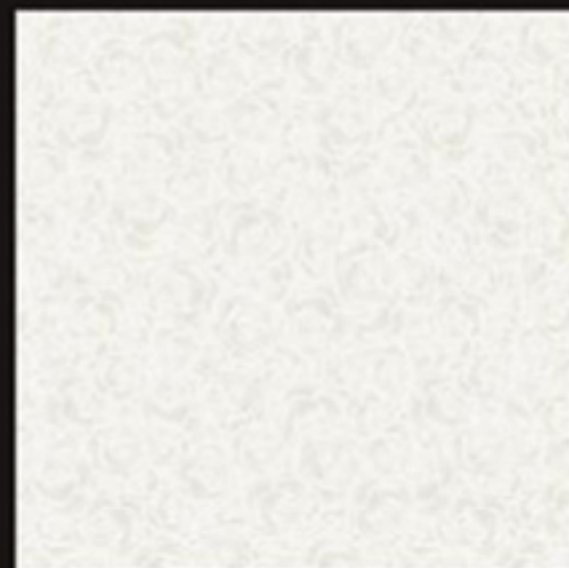
1004



1005



1006



1007

600x600 mm  
**TW**IN  
CHARGED



03



  
**PRESIDENT**  
GROUP

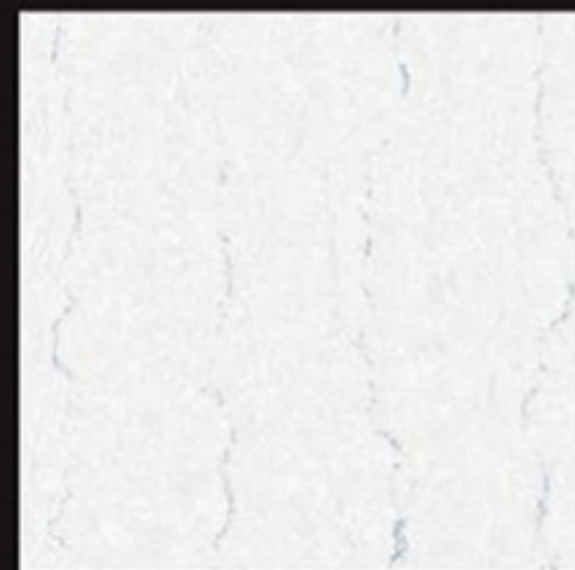
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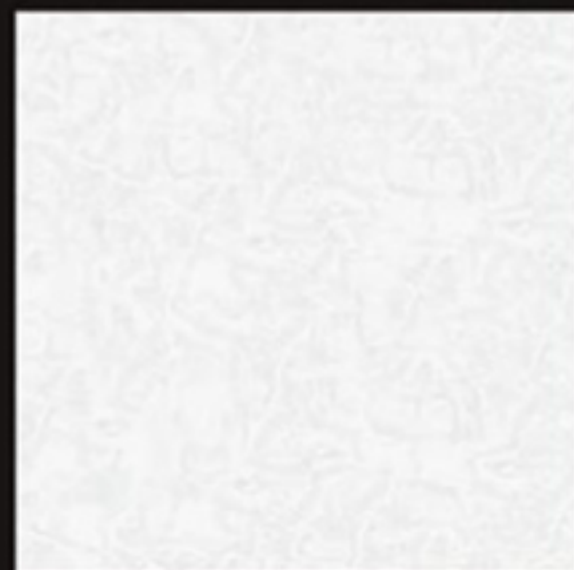
1008



1009

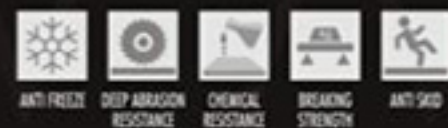


1010



1011

600x600 mm  
**TWIN**  
CHARGED



05

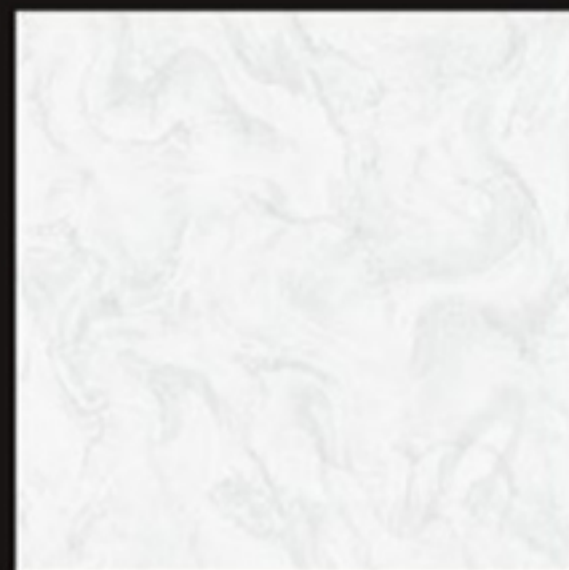
  
**PRESIDENT**  
GROUP



06



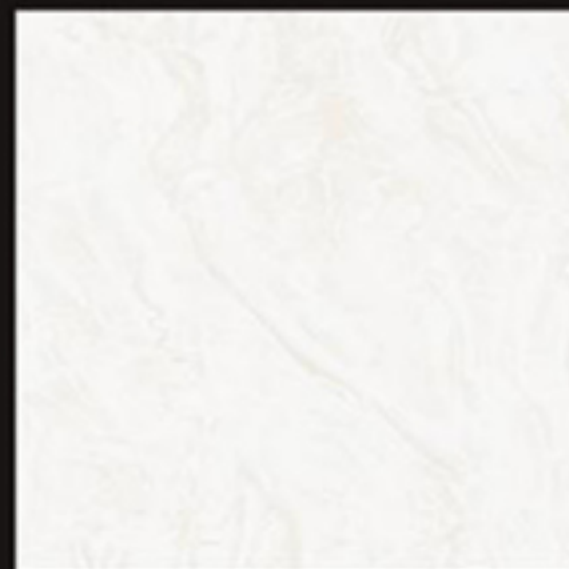
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1013

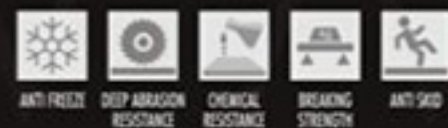


1014



1015

600x600 mm  
**TWIN**  
CHARGED

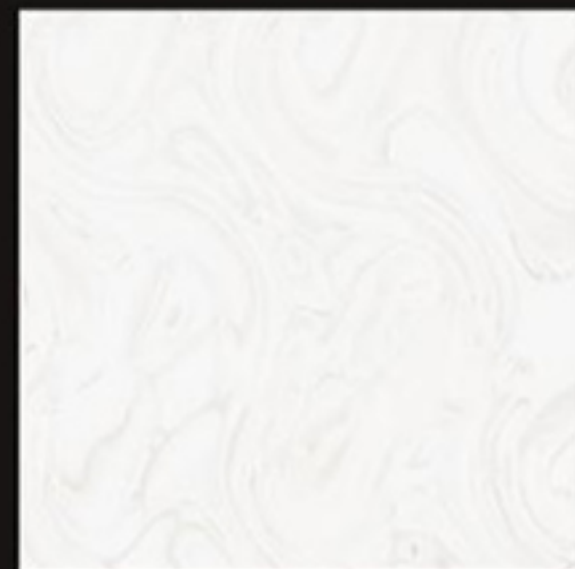


07

  
**PRESIDENT**  
GROUP



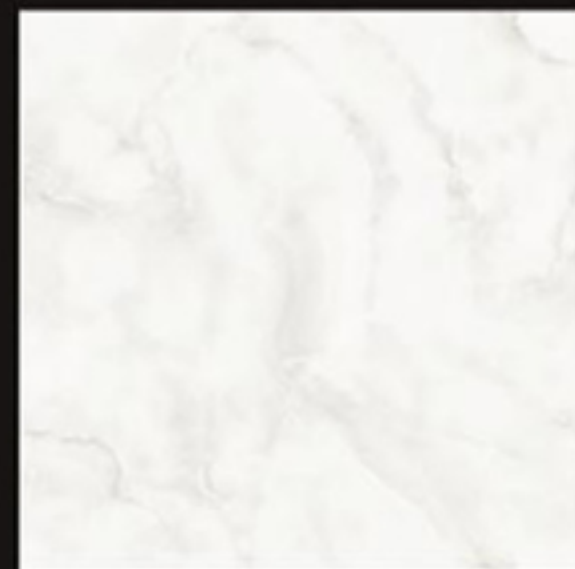
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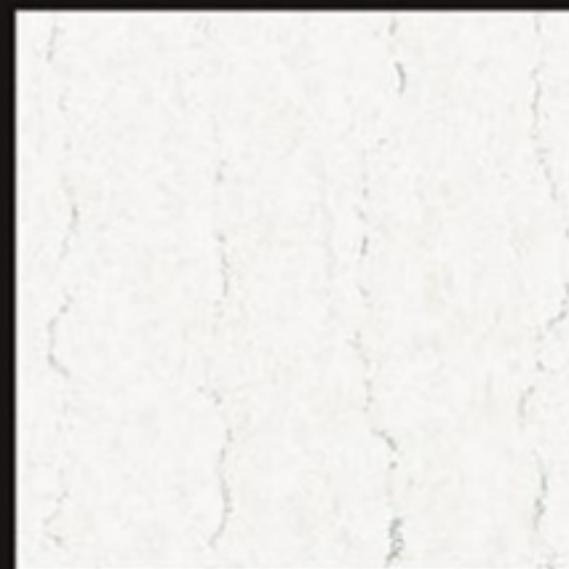
1016



1017

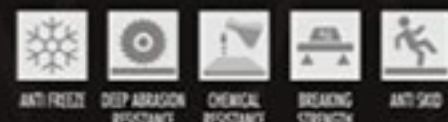


1018



1019

600x600 mm  
**TWIN**  
CHARGED



09



10



1020



1021



Sr. No	Characteristics	Method of Testing	Vitrified Tiles ISO 13006 / EN 178 Group BIIa	OUR VALUE
<b>A</b>	<b>Dimension &amp; Surface Quality</b>			
1	Deviation in Length & Width	ISO 10545-2	+ / - 0.5%	+ / - 0.2 %
2	Deviation in Thickness	ISO 10545-2	+ / - 5.0%	+ / -2.0%
3	Straightness of Sides	ISO 10545-2	+ / - 0.5%	+ / - 0.25 %
4	Rectangularity	ISO 10545-2	+ / - 0.5 %	+ / - 0.15 %
5	Surface Flatness	ISO 10545-2	+ / - 0.5%	+ / - 0.25 %
6	Color Resistance to Light	ISO 10545-16	Unaltered	No Change
7	Surface Coating	Nano Machine	As Per Manufacturer Norms	Nano Polished
<b>B</b>	<b>Physical Properties</b>			
1	Water Absorption	ISO 10545-3	< 0.5%	< 0.05%
2	Flexural Strength ( MOR )	ISO 10545-4	> 35 N / mm2	> 45 N / mm2
3	Mohs Hardness	EN 101	Min 6	7 Mohs
4	Flexural Breaking Strength	ISO 10545-4	>1300 N	2850 N
5	Bulk Density ( Gm / cc )	DIN 51082	>2 gm/cc	2.5 gm/cc
6	Glossiness	Glossometer	As Per Manufacturer Norms	Min 90 % reflection
7	Slip Resistance Coefficient of Friction	ISO 10545-17	> 0.4	> 0.6
8	Deep Abrasion Resistance	ISO 10545-6	Max 175 mm3	Max 145 mm3
<b>C</b>	<b>Chemical Properties</b>			
1	Staining Resistance	ISO 10545-14	Resistant	Resistant
2	Household Chemicals	ISO 10545-13	No Damage	No Damage
<b>D</b>	<b>Thermal Properties</b>			
1	Thermal Shock Resistance	ISO 10545-9	No Damage	No Damage
2	Thermal Expansion	ISO 10545-10	9 x 10 - 6 max	6 x 10 -6
3	Moisture Expansion	ISO 10545 - 10	Nil	Nil

### PACKING DETAIL

Size	Thickness Approx	No of Tiles Per Box	Weight Per Box Approx	Coverage Area Approx
600x600 mm	9.5 mm (App.)	4 Pieces	29.5 Kg.	1.44 Sq. Mtr.