

**UNIHOPE**  
COLLECTION

BY:



Grow Together with Clay Creations

**CALCUTTA**





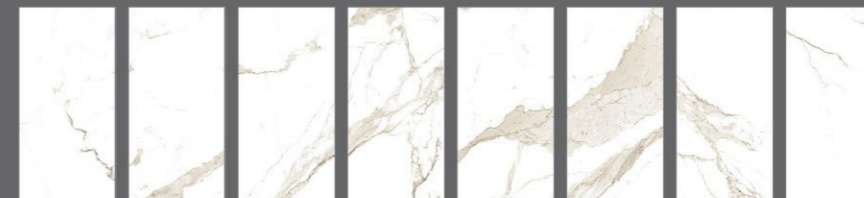
 Digital Printing + 
  Random Design 
  Eco Friendly

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 COLLECTION

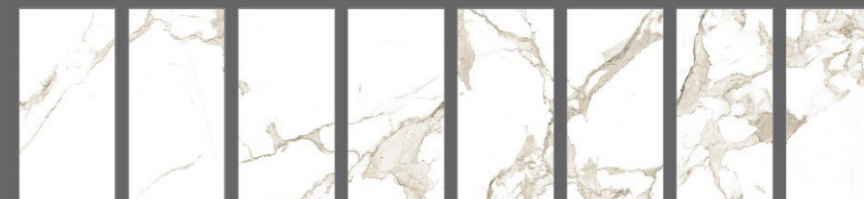
300x600mm



CALCUTTA WHITE

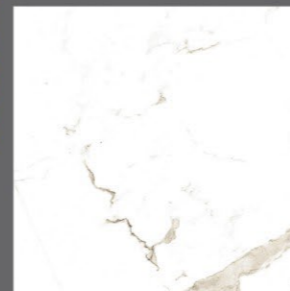


R-1 R-2 R-3 R-4 R-5 R-6 R-7 R-8



R-9 R-10 R-11 R-12 R-13 R-14 R-15 R-16

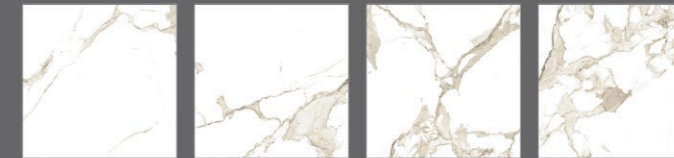
600x600mm



CALCUTTA WHITE

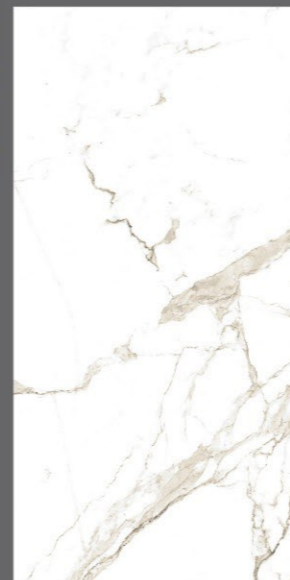


R-1 R-1 R-3 R-4

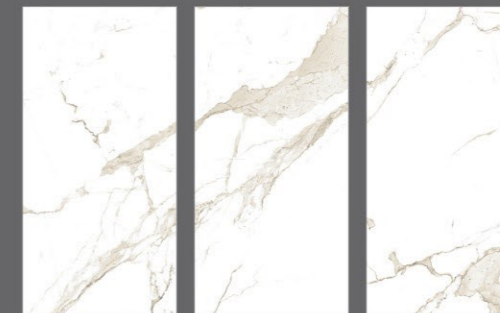


R-5 R-6 R-7 R-8

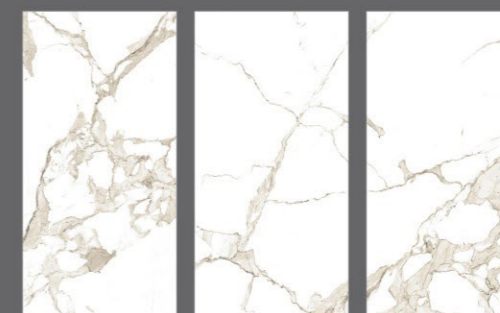
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CALCUTTA WHITE



R-1 R-2 R-3



R-4 R-5 R-6

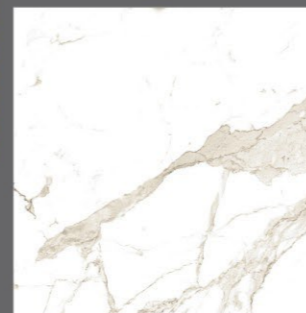




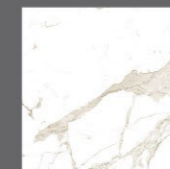
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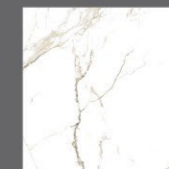
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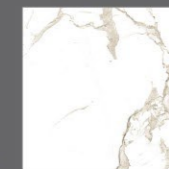
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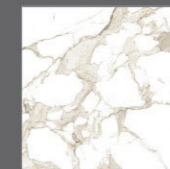
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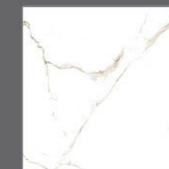
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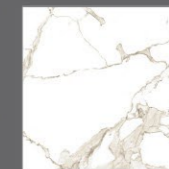
R-3



R-4

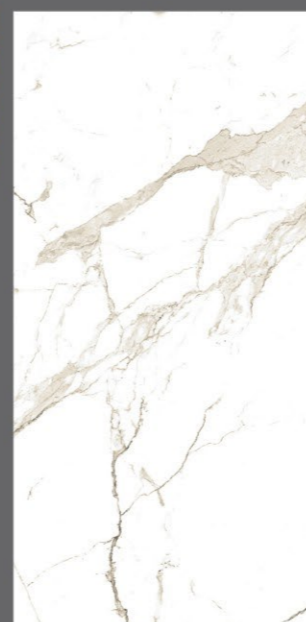


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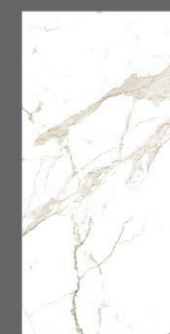


R-6

800x1600mm



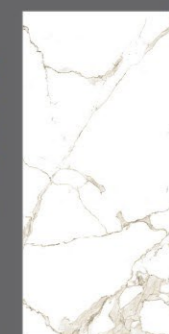
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R-1

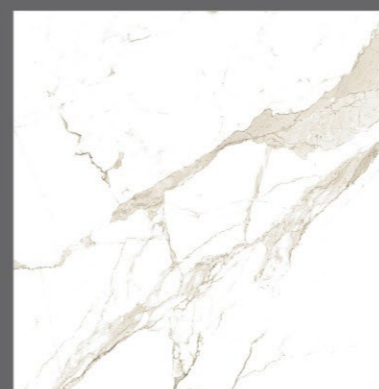


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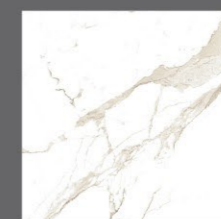


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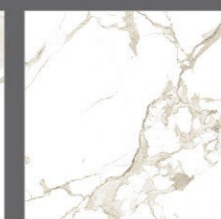
1200x1200mm



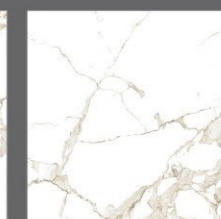
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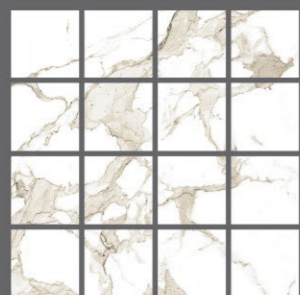
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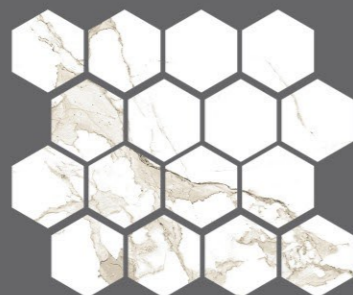
R-2



R-3



MOSAIC

































MOSAIC



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## APPLICATIONS

	Highly non-porous		Resistant to detergents
	Easy to clean and maintain		Resistant to chemicals
	Suitable for contact with food		Friction coefficient
	Water resistant (water absorption 0.1% average value)		Coefficient of Linear Thermal-Expansion
	Dimensional stability		Resistant to humidity
	Suitable for indoor and outdoor applications		Colour resistant to light
	Fire Resistant		Deep abrasion resistant
	Resistant to mould and fungi		Stain Resistant

	Airport Terminals		Halls
	Discotheques		Schools
	Industries		Domestic
	Religious Places		Shopping Malls
	Gymnasiums		Offices
	Hotels		Super Markets
	Pubs & Bars		Hospitals

# TECHNICAL SPECIFICATION



Sr. No.	Characteristics	International Std. Iso 13006 / En 14411 Group B1a	UNICO TILES	Method Of Testing
<b>Dimensions &amp; Surface Quality</b>				
1	Length	±0.6%	±0.1%	Iso 10545-2
2	Thickness	±5%	±3.0%	Iso 10545-2
3	Straightness Of Sides	±0.5%	±0.1%	Iso 10545-2
4	Rectangularity	±0.5%	±0.1%	Iso 10545-2
5	Surface Flatness	±0.5%	±0.1%	Iso 10545-2
6	Glossiness(Only For Polished Products)	Declared By Manufacturer	92~105%	Iso 2813(Gloss Meter)
7	Surface Quality	Min.95% Tiles Should Be Free From Defects	Min.98% Tiles Free From Defects	Iso 10545-2
<b>Physical Characteristics</b>				
8	Water Absorption	E≤ 0.5 %	≤ 0.05 %	Iso 10545-3
9	Moh's Hardness	≥ 6	≥ 6	Iso 10545 -3
10	Moisture Expansion	Nil	Nil	Iso 10545-10
11	Abrasion Resistance	Declared By Manufacturer	Pei 3~5(Depend On Product)	Iso 10545-7
<b>Mechanical Characteristics</b>				
12	Flexural Strength (MOR)	≥ 35 N/mm2 (350 Kg/cm2)	≥ 37 N/mm2 (370 Kg/cm2)	Iso 10545 -4
13	Breaking Strength	1300 Newton	2000 Newton	Iso 10545 -4
14	Impact Resistance	Declared By Manufacturer	No Indentation Or Cracking	Iso 10545 -5
<b>Safety Characteristics</b>				
15	Skid Resistance(Dynamic Friction Coefficient )	≥ 0.4	≥ 0.4	Iso 10545 -17
16	Density	≥ 2.0 Gm/cc	> 2.3 Gm/cc	Din 51082
<b>Thermo Photo Characteristics</b>				
17	Thermal Shock Resistance	Resistant To 10 Cycles	Pass Min10 Cycles	Iso 10545 -9
18	Frost Resistance	Frost Proof	Need To Comply With The Standard	Iso 10545 - 12
19	Coefficient Of Linearthermal Expansion,	9x10-6 K -1	< 5.86x10-6 K -1	Iso 10545-8
20	Color Resistance To Uv Light	Resistant	Resistant	Iso 10545 -16
<b>Chemical Characteristics</b>				
1	Chemical Resistance : House Hold Chemicals & Swimming Pool Salts	Min Class- Gb	Confirm To Classes-ga	Iso 10545 -13
2	Chemical Resistance : Low Concentrations Acids & Alkalis	Min Class- G1b	Confirm To Classes-g1a	Iso 10545 -13
3	Chemical Resistance : High Concentrations Acids & Alkalis	Min Class- G1b	Confirm To Classes-g1a	Iso 10545 -13
4	Stain Resistance	Min Class-3	Min Confirm To Class -4	Iso 10545 -14



## PACKING DETAILS

Dimension (Size)	Pieces/box	Thickness	Sq. Mtr.	Weight (Approx)
300x600mm	5	9 mm	0.90	18.2
600x600mm	4	9 mm	1.44	28.5
600x1200mm	2	10 mm	1.44	32.5
800x800mm	3	9 mm	1.92	41
800x1600mm	2	9 mm	2.56	54
1200x1200mm	2	9 mm	2.88	61

Corporate Office:

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