









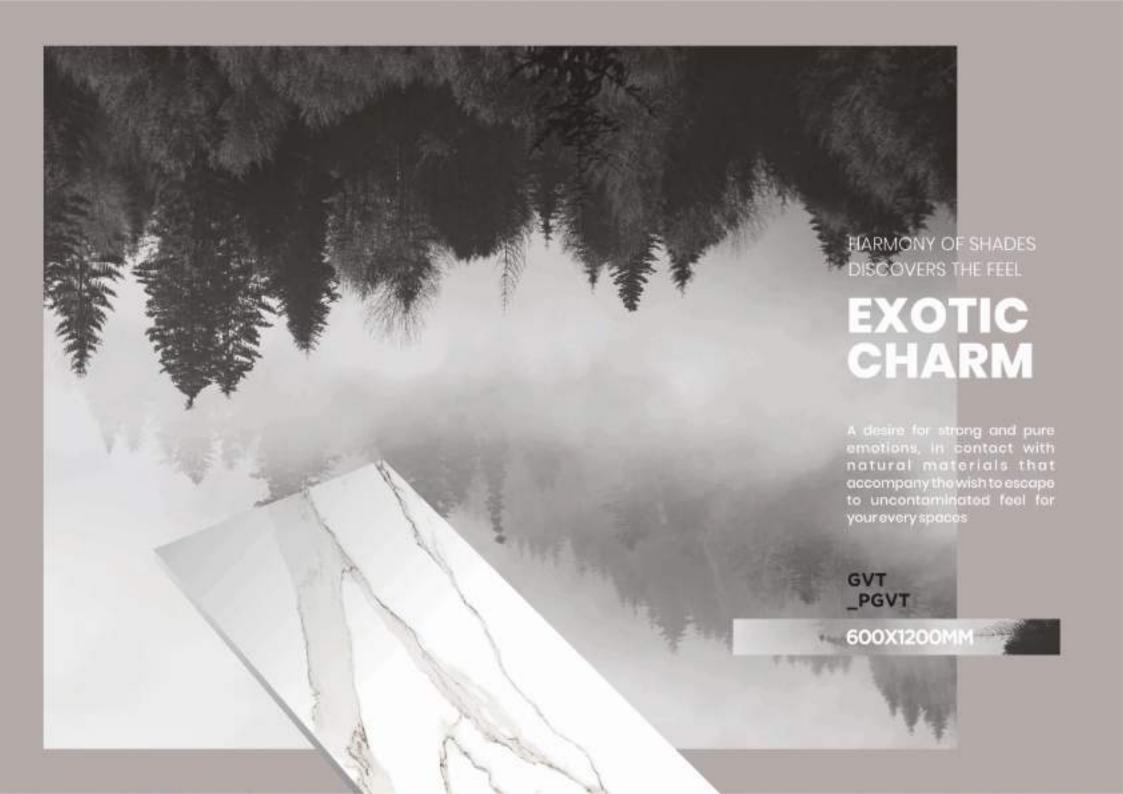
# LETINA TILES

Letina ceramics is one of the well known brand of the kalyan group a reputed and 2 decade experienced ceramic manufacturing group, coming from morbi, gujarat in India.

- The group has been in existence since 1995 and it was also amongst the first few manufacturing units of india. With such a regal lineage on its shoulder, letina ceramic was brought to life to address the niche segment of the market. Under this venture, the group develops unique and luxurious wall tiles having an exclusive portrayal of the fancy and magnificent design framework.
- Letina ceramic has the largest and most modern digital wall tile manufacturing plant in morbi, gujarat, in india where state of the art technology is employed to deliver pioneering products to the domestic as well as international market. The brand offers a vast range of tile design options with a comprehensive product palette, letina ceramics has become the flag bearer of class in the industry. It has carved out a prominent status through high end technology manufacturing unit, modern designs and excellent products.







**ALIOT** 

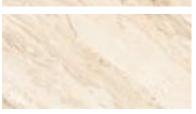
CREMA











## GLOSSY











HOTEL





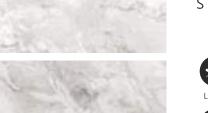
**ANGEL WINGS** 

GREY













## GLOSSY



LIVING



BATHROOM



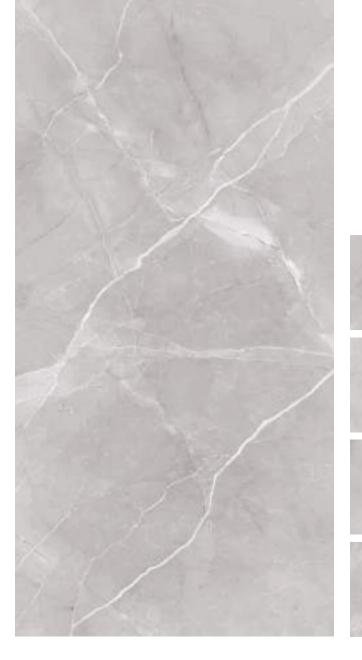
HOTEL





**ARISTO** 

GREY













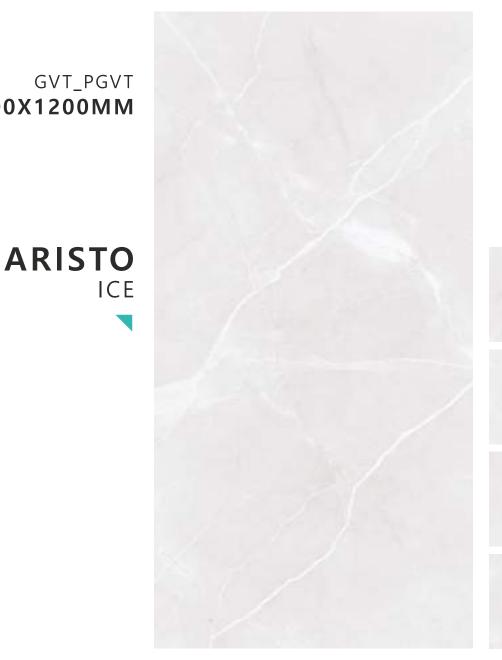
BATHROOM



HOTEL





























LIVING



BATHROOM









**ARIZONA** 

SILVER









LIVING



BATHROOM







**ARMANI** 

PEARL































LIVING



BATHROOM

























**BOLSAMIC** 

PEARL









LIVIN

















LIVING



BATHROOM



НОТЕ







GREY



**BOLSAMIC** 

MINK

























LIVING



BATHROOM











**DIDYMA** 

BROWN













## GLOSSY



LIVING





















### GLOSSY SERIES



LIVING



BATHROOM



HOTEL













LIVING

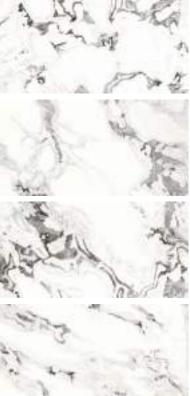


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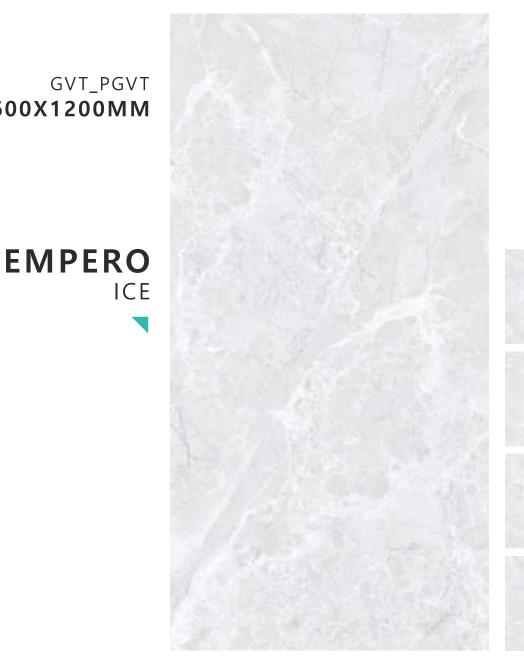




































LIVING



BATHROOM



HOTEL

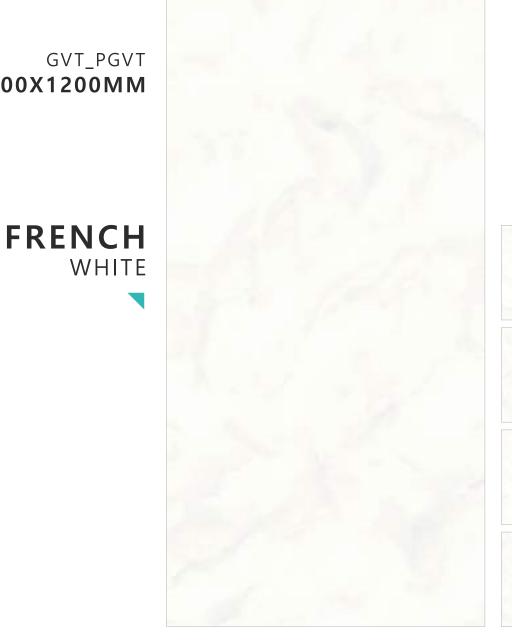






GREY











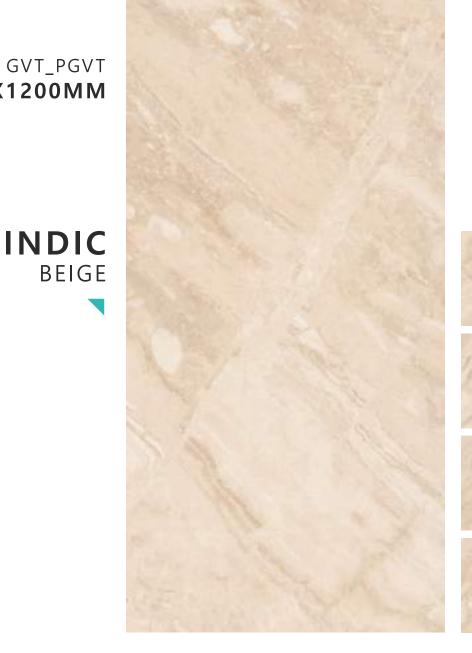
LIVING



















BATHROOM







INOX

CREMA











BATHROOM



















LIVING



BATHROOM











**MARBURY** 

MUSHROOM









LIVING



BATHROOM







**MARBURY** 

GRIGIO













# GLOSSY



LIVING



BATHROOM



HOTEL





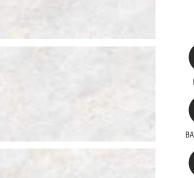
**MARBURY** 

 $\mathsf{SKY}$ 











# GLOSSY



LIVING

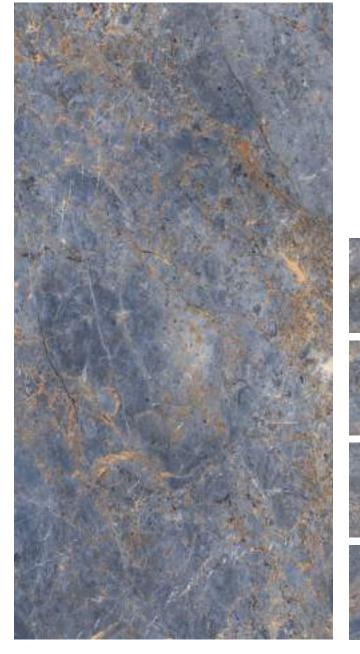




















BATHROOM





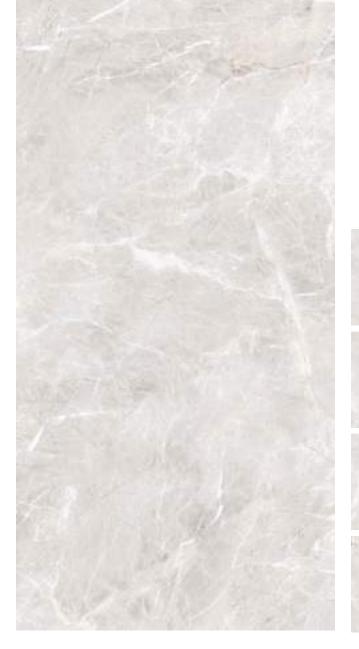






BLUE























**MOSCOW** 

CHOCO













### **GLOSSY** SERIES



LIVING



BATHROOM







**MOSCOW** 

GREY









LIVIN



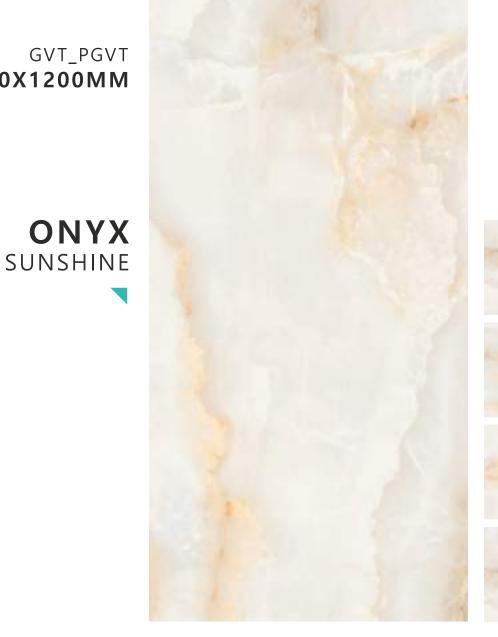
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### **GLOSSY** SERIES





BATHROOM



HOTEL



















### **GLOSSY** SERIES



















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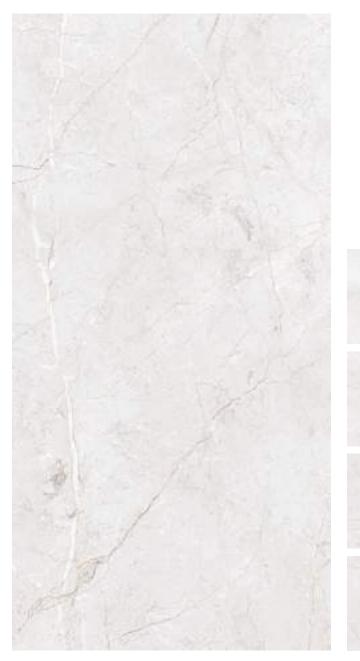
BATHROOM













# SILVER RIVER ICE





















### SILVER RIVER FOSSIL









# GLOSSY



LIVING



BATHROOM



HOTEL





**SOFITA** 

PEARL









LIVIN



BATHROOM















LIVING



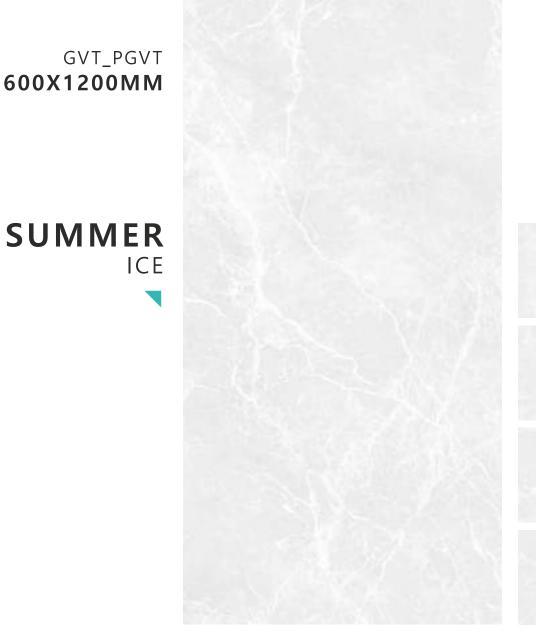
BATHROOM































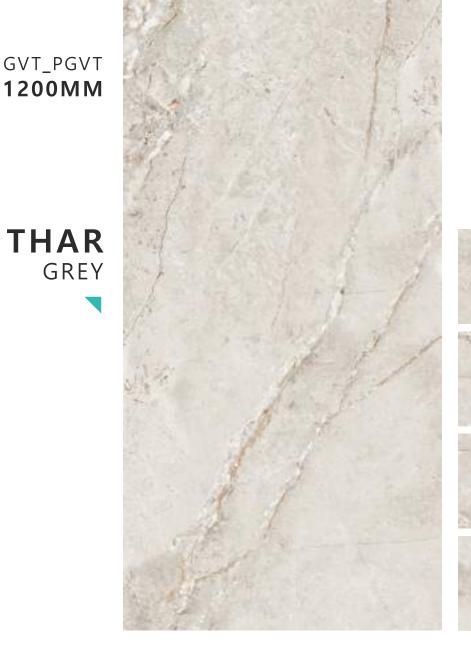


















LIVING









**WILLIAM** 

MUSHROOM









LIVING



BATHROOM



























#### **TECHNICAL SPECIFICATIONS**

CHARACTERISTICS	STANDARD AS PER ISO-13006/EN 14411 GROUP BIA	MEAN VALUE OF LETINA PGVT	MEAN VALUE OF LETINA GVT	TEST METHOD
EGULATORY PROPERTIES				
Deviation in length & width	± 0.5%	± 0.1%	± 0.1%	ISO-10545-2
Deviation in thickness	± 5.0%	± 4.0%	± 4.0%	ISO-10545-2
Straightness of sides	± 0.5%	± 0.1%	± 0.1%	ISO-10545-2
Rectangularity	± 0.5%	± 0.1%	± 0.1%	ISO-10545-2
Surface flatness	± 0.5%	± 0.2%	± 0.2%	ISO-10545-2
Colour difference	Unaltered	No Change	No Change	ISO-10545-16
Glossiness	As per mfg.	Min. 90%	Min. 4%	GLOSSOMETER
FRUCTURAL MECHANICAL PROPE	RTIES			
Water Absorption	< 0.50%	< 0.20 %	< 0.20 %	ISO-10545-3
Apparent density	> 2.0 g/cc	> 2.10 g/cc	> 2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES	-	-	-	
Modulus rupture	Min 35 N/mm	Min 40 N/mm²	Min 40 N/mm²	ISO-10545-3
Breaking Strenght	Min.1300 N	min.2000 N	Min.2000 N	ISO-10545-4
Impact resistance	As per mfg.	Min. 0.55	Min. 0.55	ISO-10545-5
SURFACE MECHANICAL PROPERTIES				
Surface abrasion resistance	As per mfg.	Min Class 3	Min Class 4	ISO-10545-7
MOH's hardness	As per mfg.	Min 4	Min 5	EN 101
HERMOHYDROMETRIC PROPER	TIES			
Frost resistance	No Damage	No Damage	No Damage	ISO-10545-12
Thermal shock resistance	No Damage	No Damage	No Damage	ISO-10545-9
Moisture expansion	Nil	Nil	Nil	ISO-10545-10
Thermal expansion (CEO)	Max.9.0x10 <sup>-6</sup>	Max.6.5x10 <sup>-6</sup>	Max.6.5x10 <sup>-6</sup>	ISO-10545-8
Crazing resistance	As per mfg.	Min 10 Cycle	Min 10 Cycle	ISO-10545-11
HEMICAL PROPERTIES				
Chemical resistance	No Damage	No Damage	No Damage	ISO-10545-13
Satin resistance	Resistance	Resistance	Resistance	ISO-10545-14
AFETY PROPERTIES				
Slip resistance	As per mfg.	> 0.40	> 0.40	ISO-10545-17
Fire resistance	As per mfg.	Fire Proof	Fire Proof	N.A.
Lead & Cadmium given off by glazed tiles	As per mfg.	Doesn't yield Pb & Cd	Doesn't yield Pb & Cd	ISO-10545-15



www.letina.in

### PACKING DETAILS

Size	Thickness (Approx)	Pieces/Box	coverage Area / Box (Approx)		
600x1200mm	9.0 mm	2 pcs.	1.44 Sq. Mtr.	15.5 Sq. Ft.	28.5 Kgs.



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