









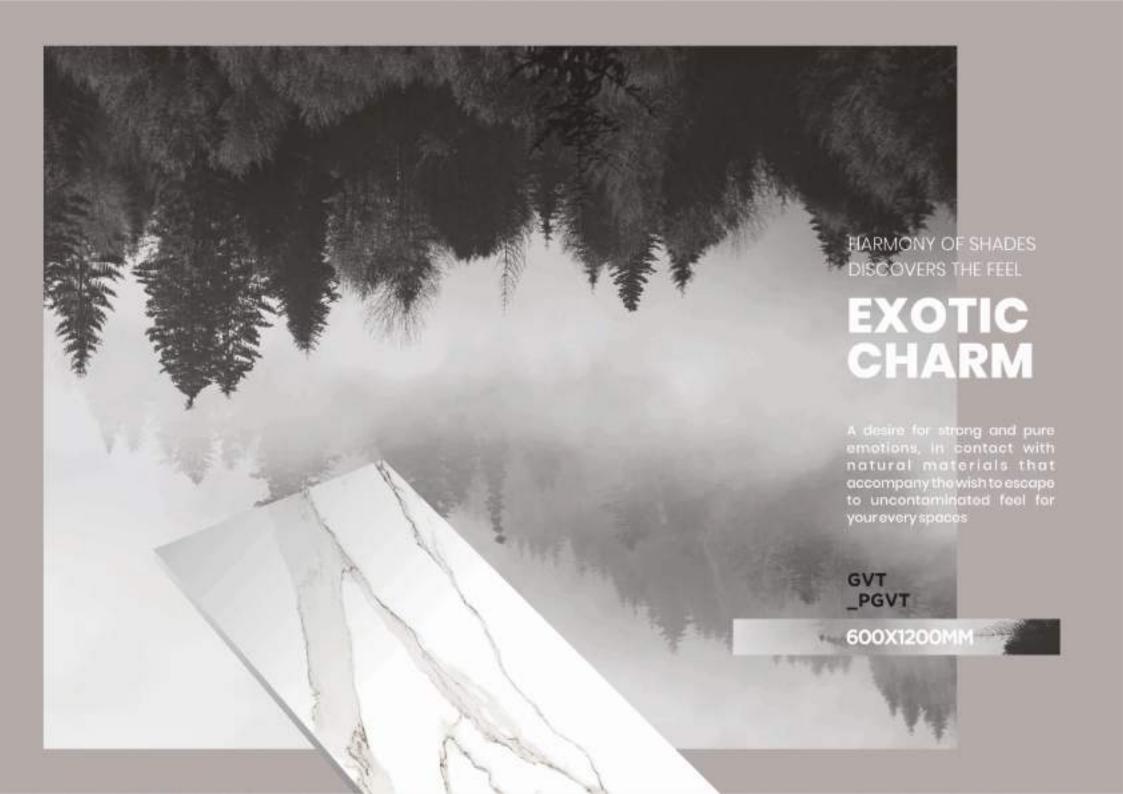
# LETINA TILES

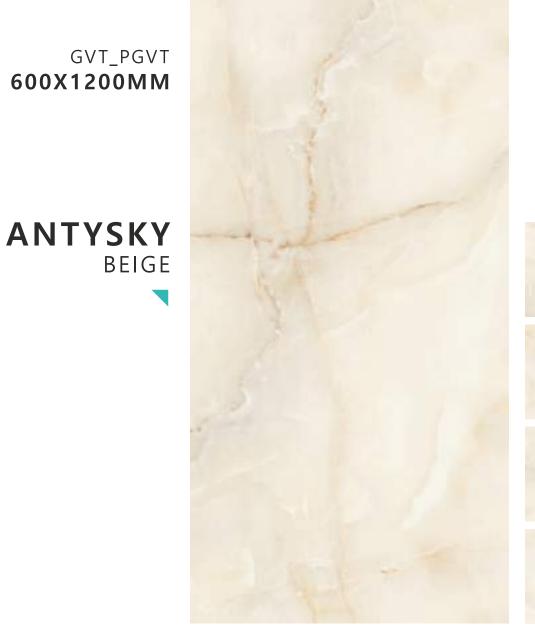
Letina ceramics is one of the well known brand of the kalyan group a reputed and 2 decade experienced ceramic manufacturing group, coming from morbi, gujarat in India.

- 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.













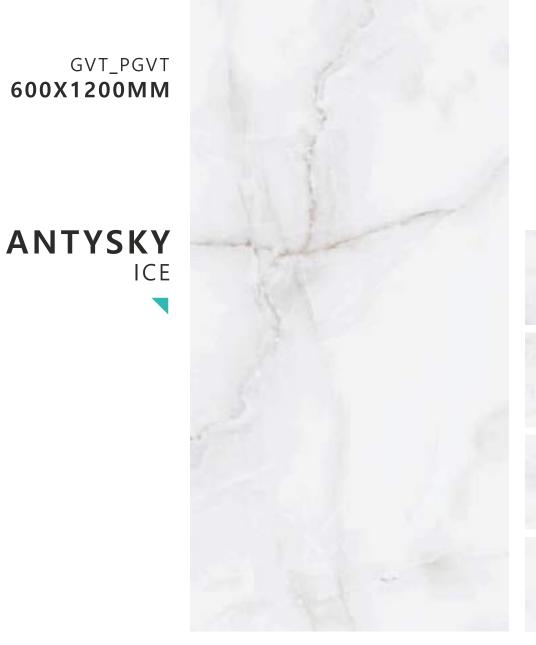


























**ARMANI** 

GREY









LIVING



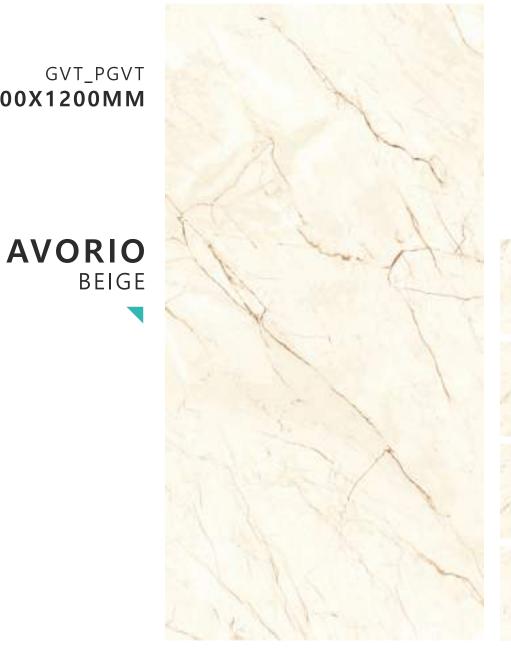
BATHROOM



HOTEL









































**BRECCIA** 

**AROMA** 

CREMA













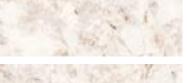
















**BRECCIA** 

GOLD









LIVING











**BRECCIA** 

MATRIX







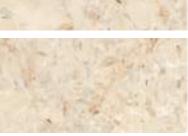


LIVING











**BRECCIA** 

ONICIATA































### **GLOSSY** SERIES



LIVING



BATHROOM







CREMA







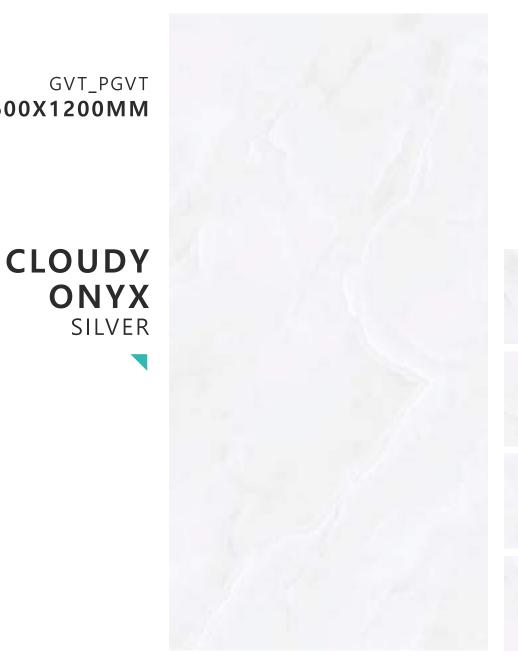
















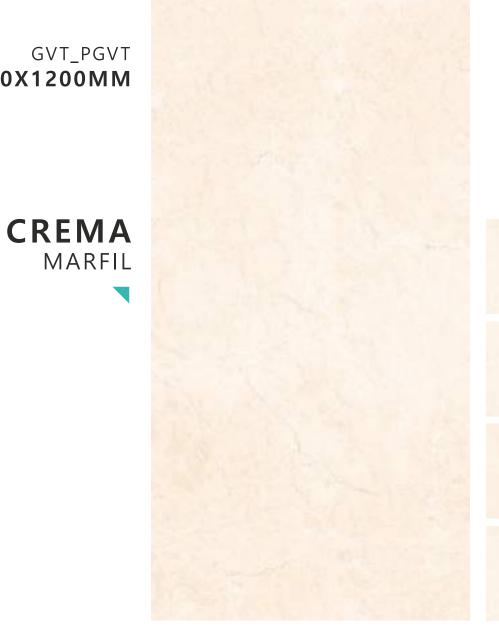


























**DIANO** 









LIVING



BATHROOM



HOTEL













LIVING



BATHROOM



HOTEL

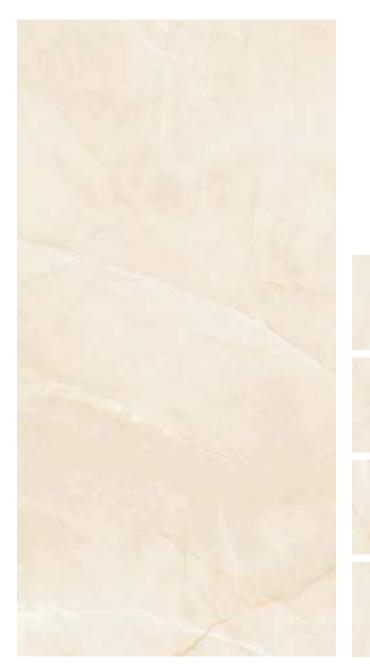






**FLORENTINE** 

CREMA

















**FUSION** 

GREY





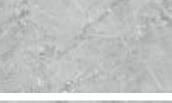










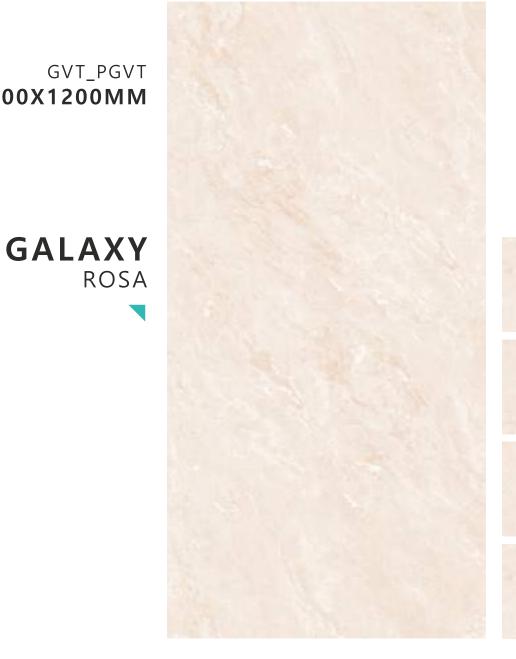


























**GRANITE** 

BLACK









LIVING



BATHROOM







































### **GLOSSY** SERIES





BATHROOM











### ICE BERG BLUE









### **GLOSSY** SERIES



LIVING

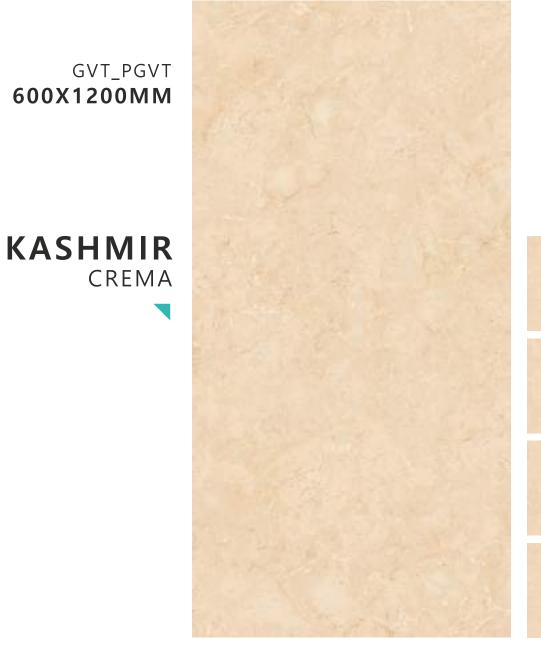


BATHROOM

































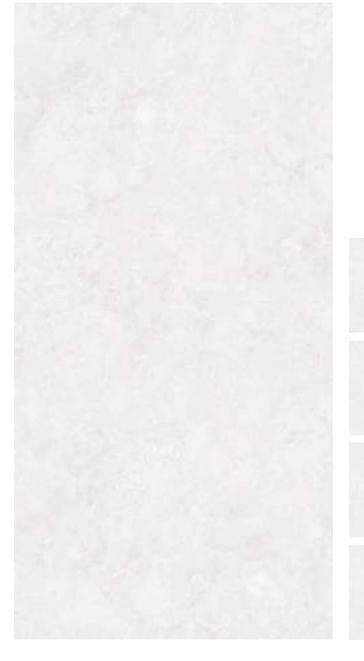






**KASHMIR** 

ICE









LIVING

















LIVING



BATHROOM











GLOSSY



LIVING



BATHROOM







**LAVANYA** 













### **GLOSSY** SERIES





BATHROOM



HOTEL





**MARBO** 

**FLAKES** 

MULTI





## **GLOSSY**

SERIES













**MONTANA** 

LAVA













# GLOSSY



LIVING



BATHROOM







**NEBULA** 

CHARCOL

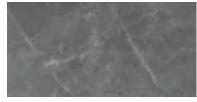












# GLOSSY



LIVING



BATHROOM



HUIEL





COIN











BATHROOM















LIVING



BATHROOM











**GLOSSY** SERIES



LIVING



BATHROOM















LIVING

























#### **GLOSSY** SERIES











**ROZALIA** 

BEIGE













## **GLOSSY**

SERIES



LIVING

























## **GLOSSY**







BATHROOM



HOTEL





**SENDO** 

BLUE













#### **GLOSSY** SERIES











**SENDO** 

CREMA













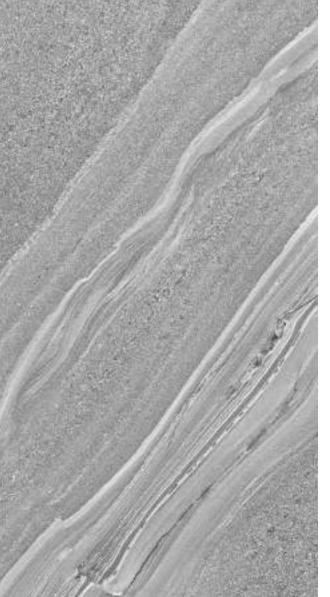






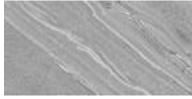
**SENDO** 

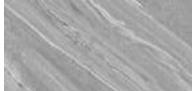
GREY

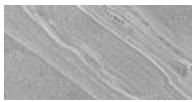












## GLOSSY



LIVING



BATHROOM



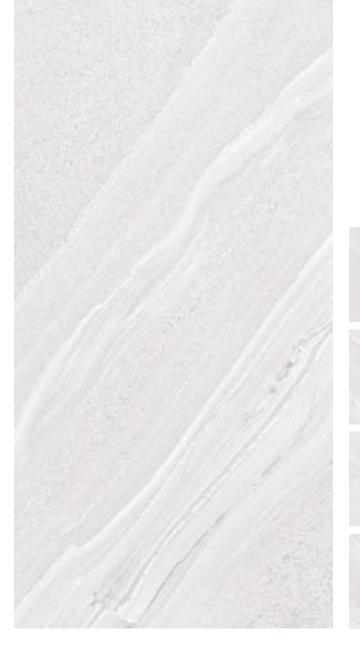
HOTEL





**SENDO** 

ICE









LIVING



BATHROOM



HOTEL





**SENDO** 

SEPIA







































BATHROOM



HOTEL























**TRAVERTIO** 

GREY









LIVIN



BATHROOM



HOTE





**VELENTINO** 

BEIGE











BATHROOM







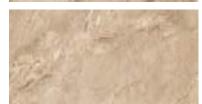
**VOLCANO** 

BROWN













## GLOSSY



LIVING



BATHROOM



HOTE





**VOLCANO** 

CREMA









LIVING



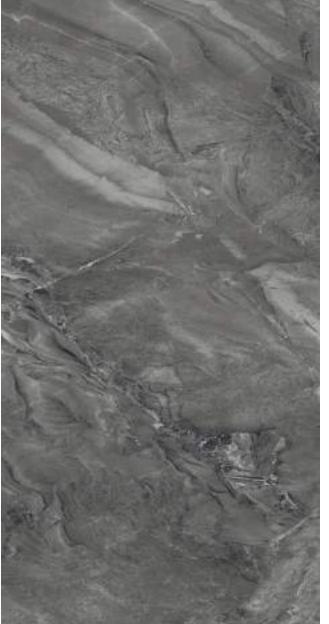
BATHROOM



HOTEL



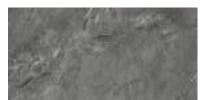


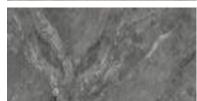




### **VOLCANO** GRIS









#### **GLOSSY** SERIES





BATHROOM





































### **GLOSSY** SERIES



LIVING



BATHROOM





















# GLOSSY



LIVING







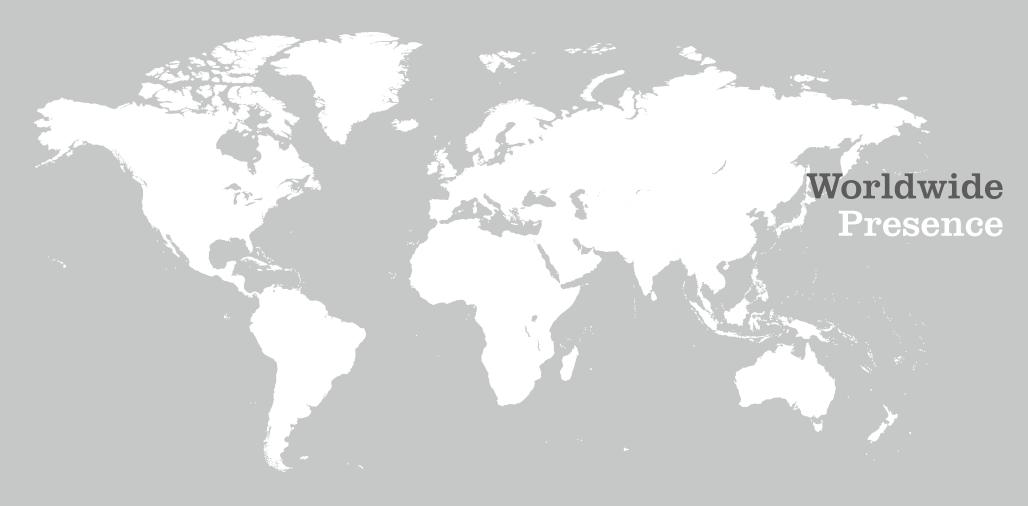
HOTEL





#### **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



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#### 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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