

DISCOVER ALL THE GRACE

S L I M
S M A R T



SILON GRANITO LLP

Factory Office : Survey No., 14P1,14P2,15P1,15P2,15P3,
At. Sartanpar, Tal. Wankaner, Morbi-363621 Rajkot, Gujarat. (INDIA)
+91 97260 77566 / +91 94284 65770 info@silon.in www.silon.in



S L I M
S M A R T



DISCOVER ALL THE GRACE

600x1200mm


GVT/PGVT
VITRIFIED TILES

www.silon.in



SILON 4.8

estilo de vida

S L I M / S M A R T

Slimness has its own perks...isn't that true? Presenting Silon **SLIM/SMART** Digital Vitrified Tiles collection where slimness adds whole new perspective of elegance and style to your décor and absolutely transforms the ambiance. When the world is going ga ga over size zero, let your space also enjoy the advantages that Silon Slim/Smart Digital Vitrified Collection brings. Made with advanced technology, its innovative thin sizes make 'thinking out of the box' literally possible and add better and more colourful shades to your creativity.

Sizes that suit your dream:

Add versatility in your ideas with a range of sizes that give you free hand in creativity with quick installation and lesser joints. Pick a one that perfectly fits in to your imagination and let it fly.

So thin and light...for an idea beautiful and bright:

With its revolutionary thickness and lightweight design, Slim/Smart collection enables for easy cutting and hassle-free installation. As there are varied size options available, you can also explore multiple application routes with the collection.

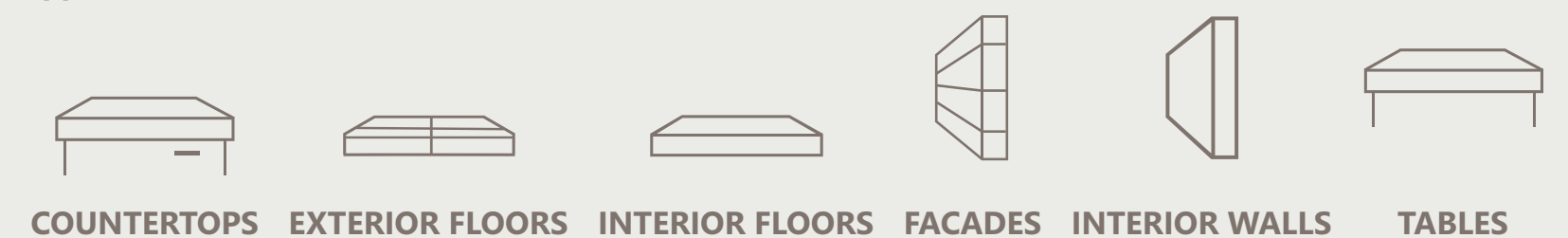
Non-Porous Surface:

With less pores, it assures lesser moisture and water absorption making it an all weather and season ideal choice for any application.

Feature



Applications





BOTTOCHINO

600x1200x4.8mm **P**



Glossy Series

3 Face



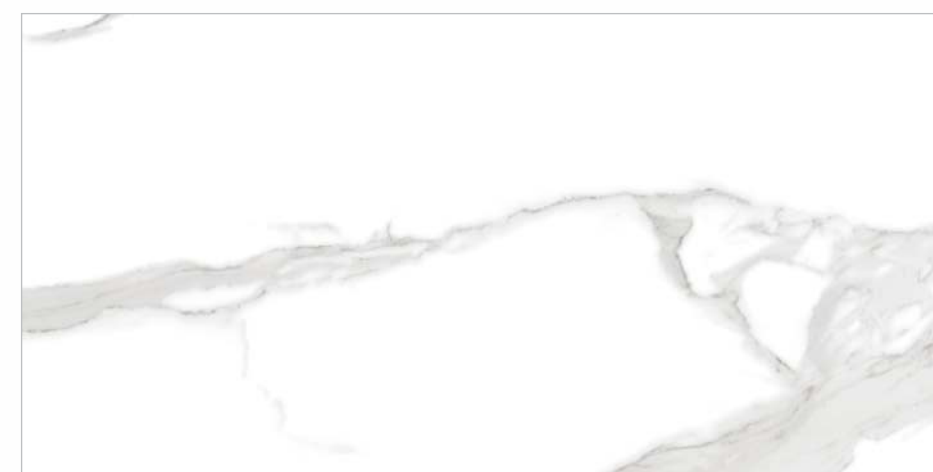
BRECCIA

600x1200x4.8mm **P**



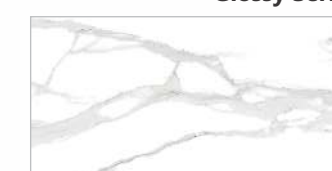
Glossy Series

4 Face



CALCUTTA MIAMI

600x1200x4.8mm **P**



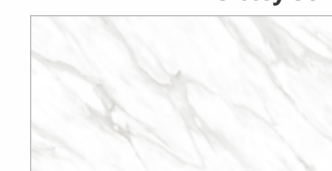
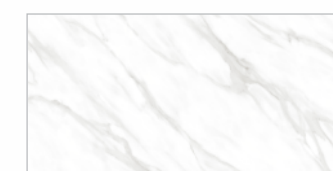
Glossy Series

4 Face



CALCUTTA ELITE

600x1200x4.8mm **P**



Glossy Series

4 Face

GLOSSY SERIES

P Polished Glaze

M Matt

W Wooden



CARARA NIOS

600x1200x4.8mm



Glossy Series

4 Face



CARARA WHITE

600x1200x4.8mm



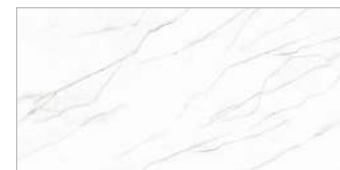
Glossy Series

3 Face



OPUS WHITE

600x1200x4.8mm



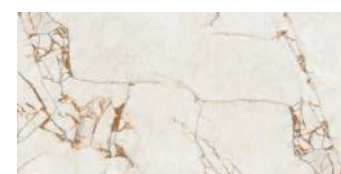
Glossy Series

4 Face



SICILIA_MARBLE

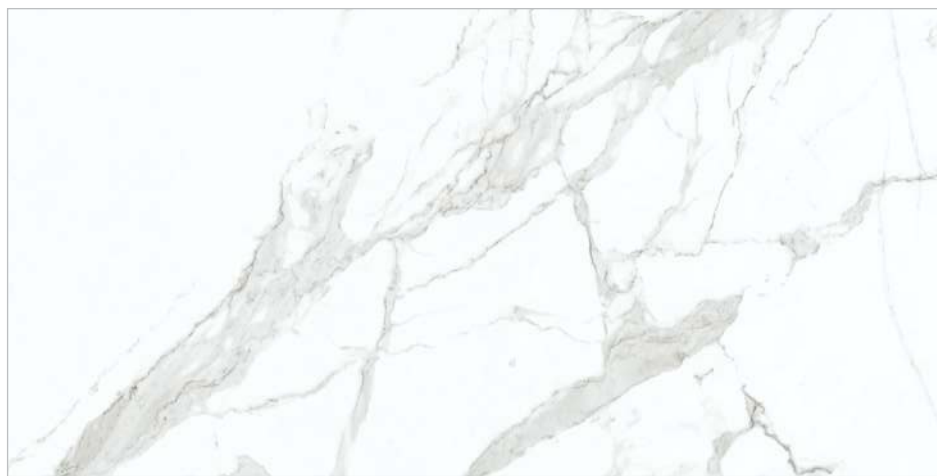
600x1200x4.8mm



Glossy Series

4 Face





SIG STATUARIO

600x1200x4.8mm



Glossy Series



8 Face



SUPRIM CALCAUTTA

600x1200x4.8mm



Glossy Series



6 Face





CLASSIC STATUARIO

600x1200x4.8mm



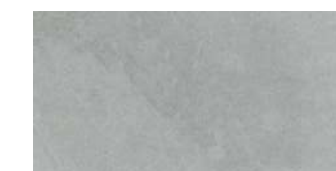
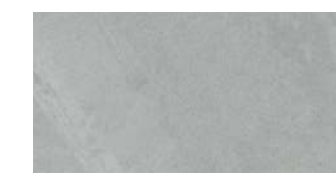
Matt Series

4 Face



CONCRITO GRISS

600x1200x4.8mm



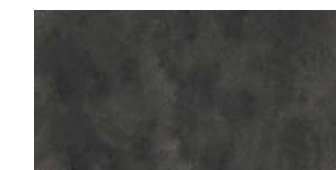
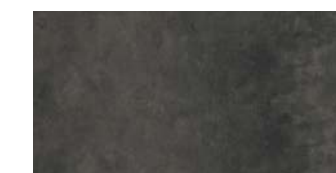
Matt Series

4 Face



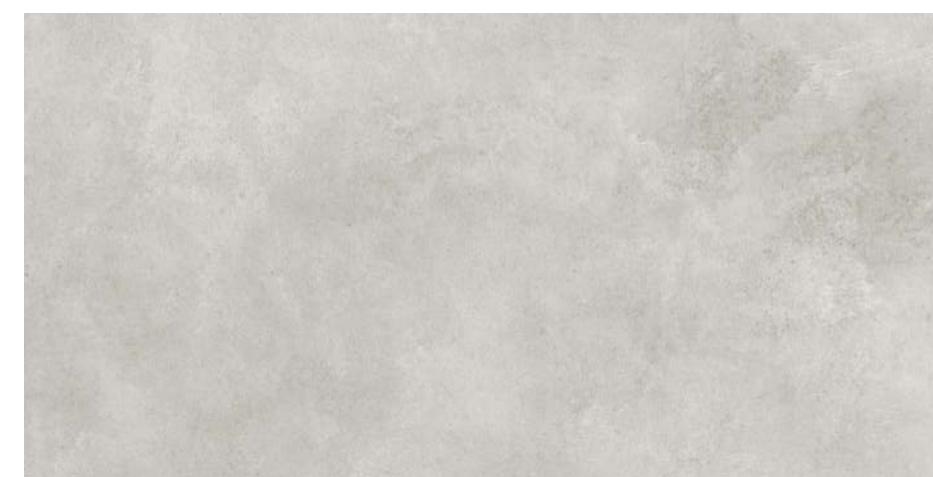
GROUND BLACK

600x1200x4.8mm



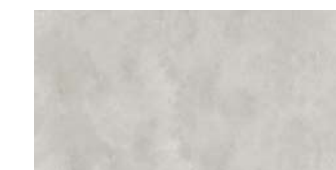
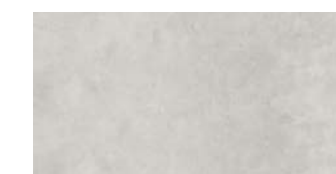
Matt Series

4 Face



GROUND PEARL

600x1200x4.8mm



Matt Series

6 Face

MATT
SERIES

Polished Glaze

Matt

Wooden



HYDRA ARGEN

600x1200x4.8mm



Matt Series

5 Face



PALACE COPPER_

600x1200x4.8mm



Matt Series

4 Face



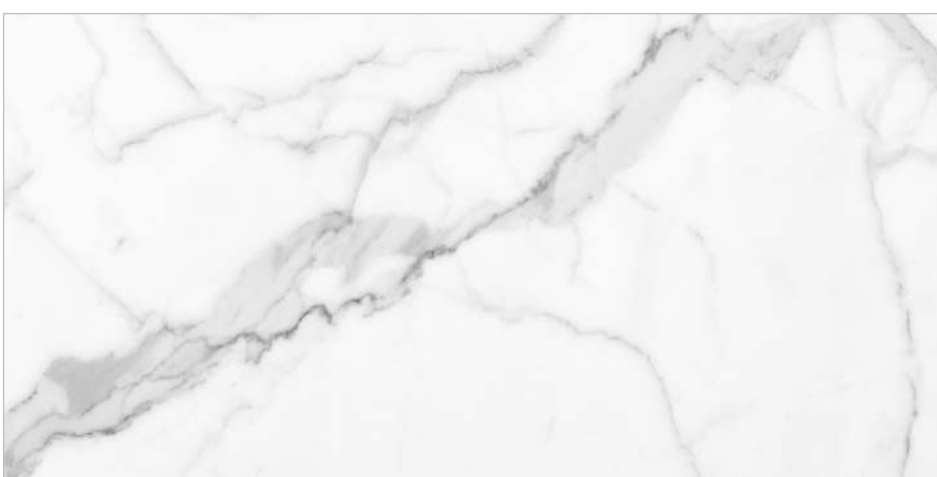
PALACE IVORY

600x1200x4.8mm



Matt Series

4 Face



ROYAL STATUARIO

600x1200x4.8mm



Matt Series

6 Face





600x1200mm



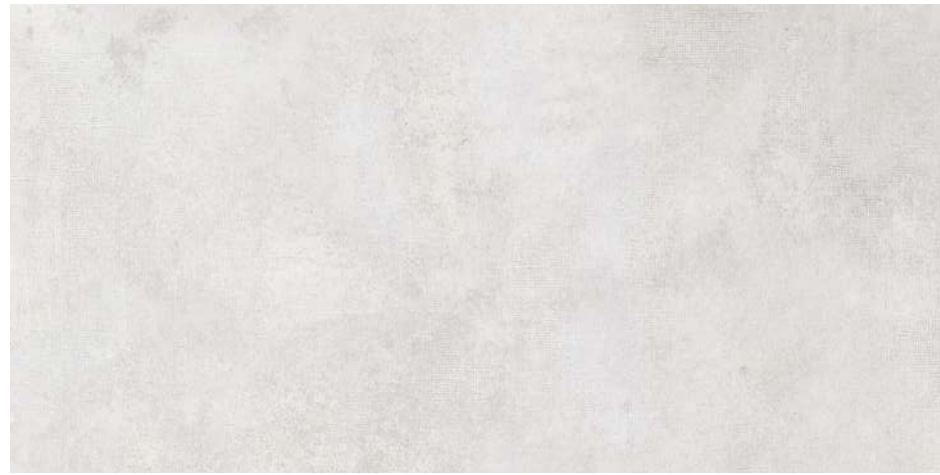
SOLID BLACK

600x1200x4.8mm



Matt Series

4 Face



TITANIUM WHITE

600x1200x4.8mm



Matt Series

4 Face



URBAN DOVE

600x1200x4.8mm



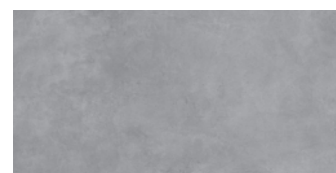
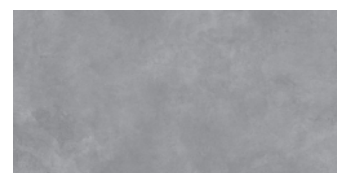
Matt Series

3 Face



URBAN GREY

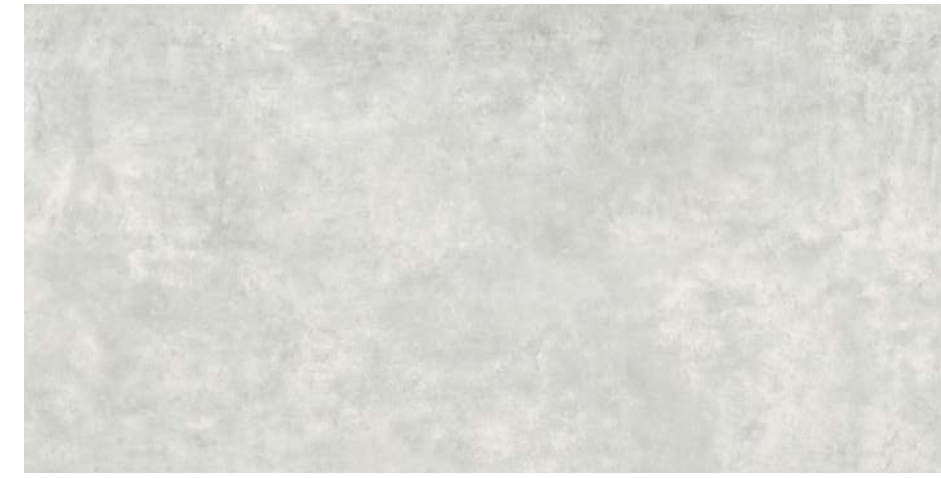
600x1200x4.8mm



Matt Series

3 Face

S L I M
S M A R T



VULCANO CONCRETE

600x1200x4.8mm



Matt Series

5 Face





SLIM
SMART

SERIES

PLANETO MATT SERIES

P Polished Glaze

M Matt

W Wooden

www.silon.in

600x1200mm



1 Face

CIDER ORANGE

600x1200x4.8mm **M**

Body Color
Planeto Matt Series

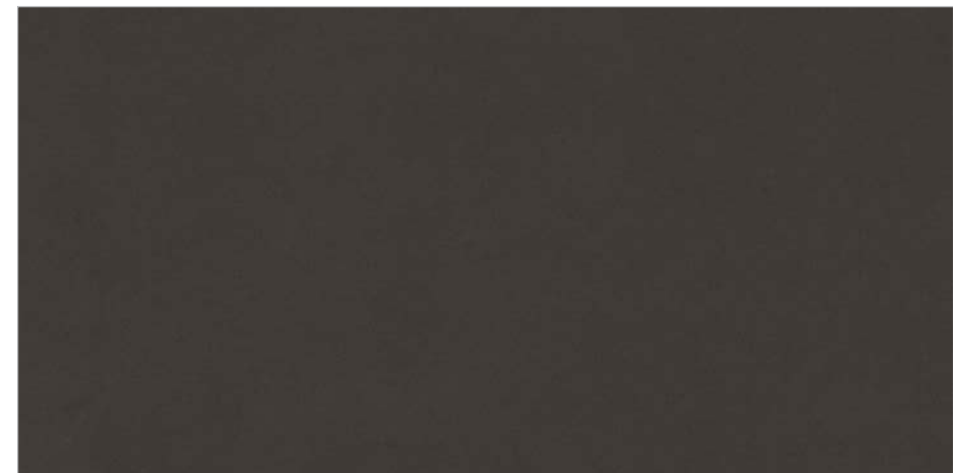


1 Face

DARK BLACK

600x1200x4.8mm **M**

Body Color
Planeto Matt Series

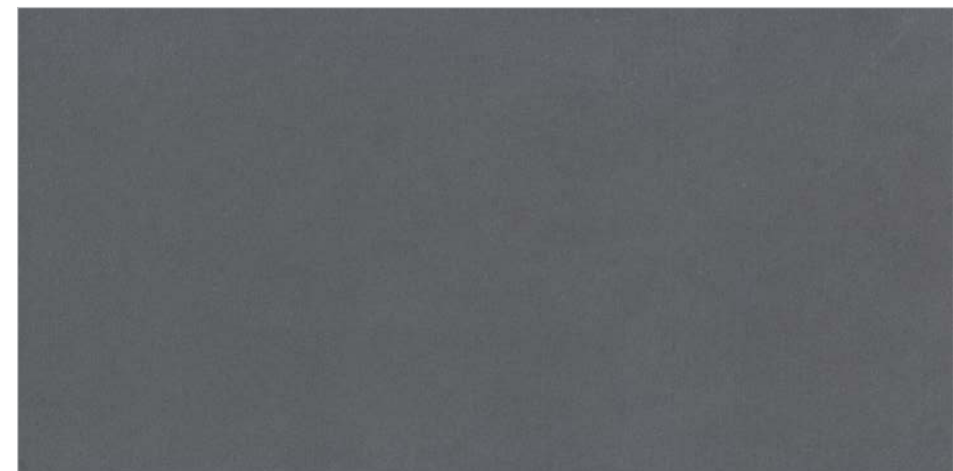


1 Face

DARK CHOCOLATE

600x1200x4.8mm **M**

Body Color
Planeto Matt Series

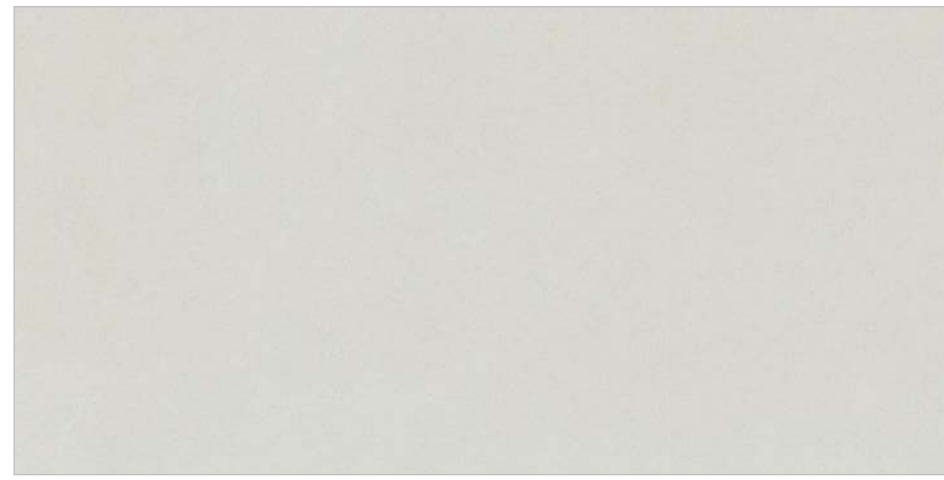


1 Face

DIM GREY

600x1200x4.8mm **M**

Body Color
Planeto Matt Series

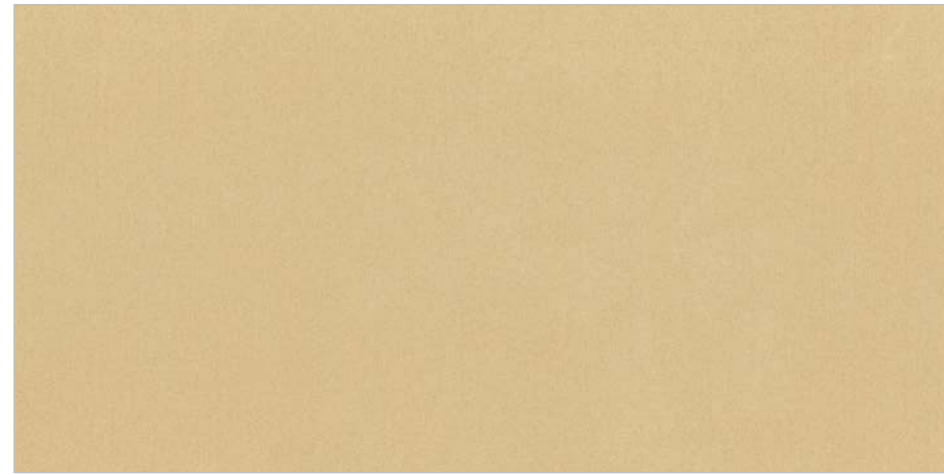


1 Face

DOVER WHITE

600x1200x4.8mm 

 **Body Color**
Planeto Matt Series



1 Face

LATTE IVORY


600x1200x4.8mm 

 **Body Color**
Planeto Matt Series

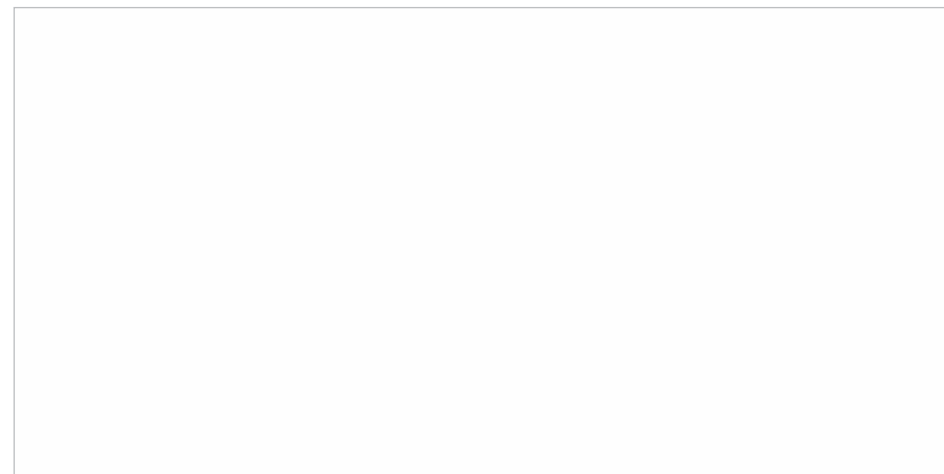


1 Face

LIGHT GREY


600x1200x4.8mm 

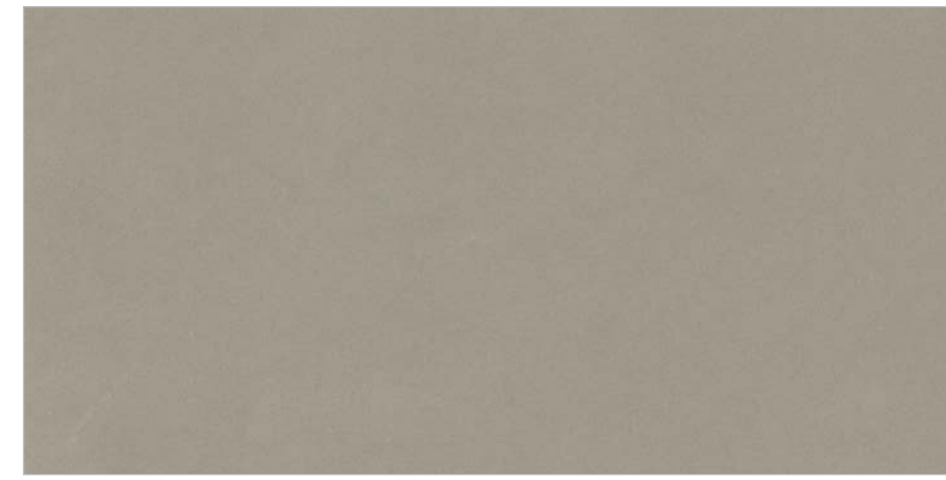
 **Body Color**
Planeto Matt Series



1 Face

PLAIN WHITE MATT

600x1200x4.8mm 

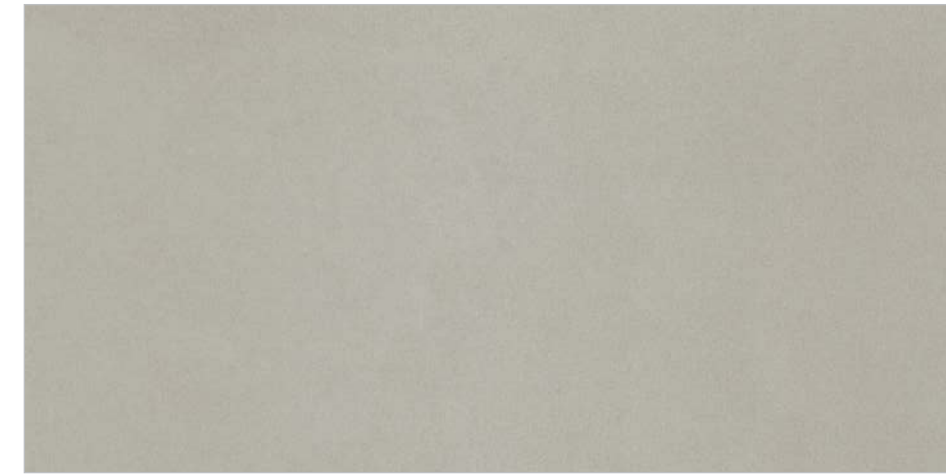


1 Face

POST WAR WHITE

600x1200x4.8mm 

 **Body Color**
Planeto Matt Series

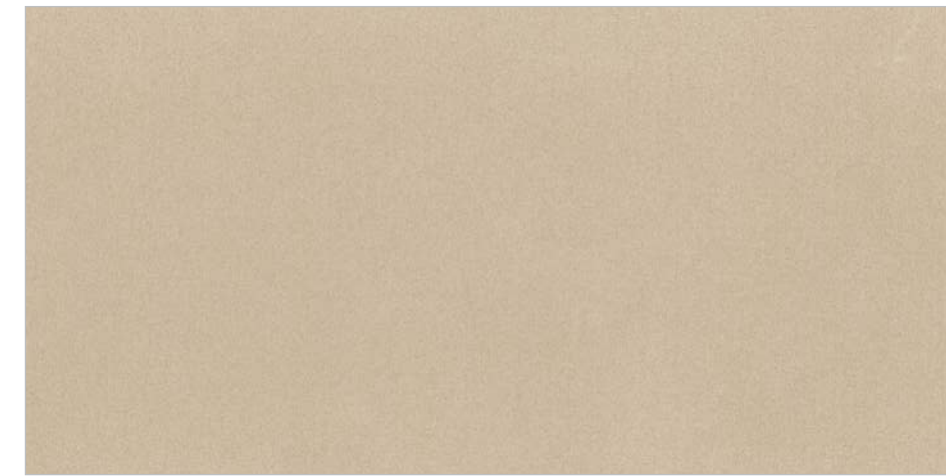


1 Face

ROSE HORK

600x1200x4.8mm 

 **Body Color**
Planeto Matt Series



1 Face

SANDY LANE


600x1200x4.8mm 

 **Body Color**
Planeto Matt Series

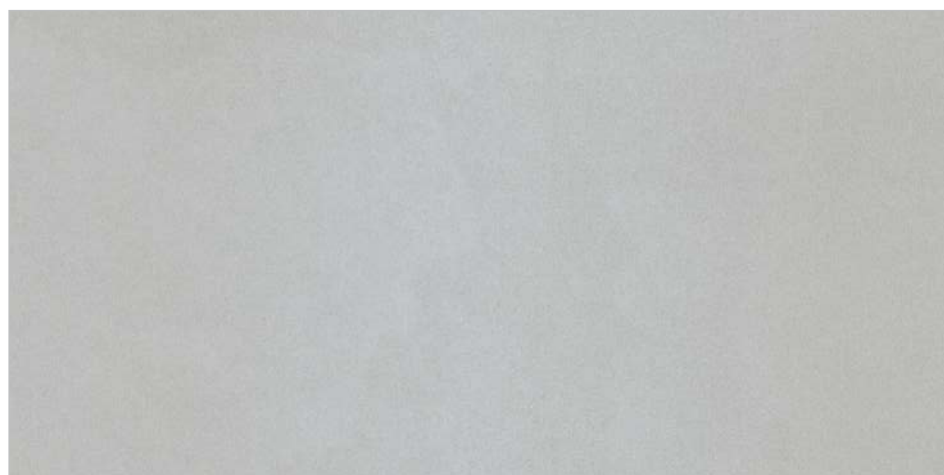


1 Face

SLATE GREY

600x1200x4.8mm 

 **Body Color**
Planeto Matt Series



STEEL GREY

600x1200x4.8mm 

31

 Body Color
Planeto Matt Series





CEMENTO MATT SERIES

P Polished Glaze

M Matt

W Wooden

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600x1200mm



CEMENT GRIS

600x1200x4.8mm **M**



Cemento Matt Series

4 Face



CEMENT ICE

600x1200x4.8mm **M**



Cemento Matt Series

4 Face



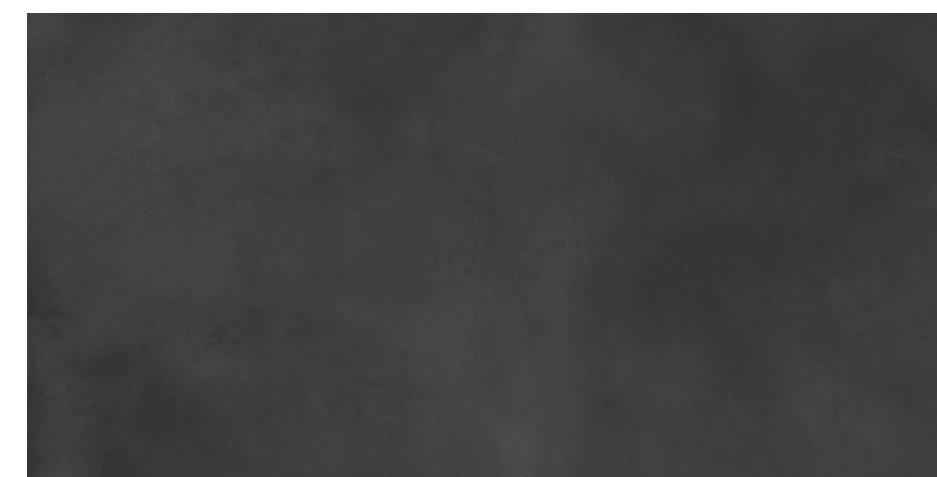
CLOUDY ASH

600x1200x4.8mm **M**



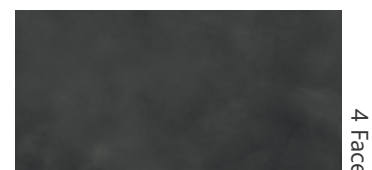
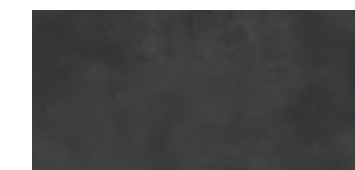
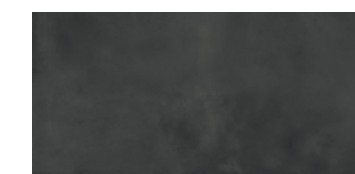
Cemento Matt Series

4 Face



CLOUDY BLACK

600x1200x4.8mm **M**



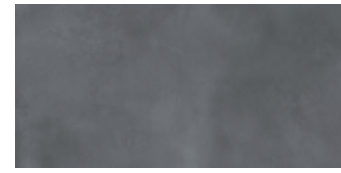
Cemento Matt Series

4 Face



CLOUDY GREY

600x1200x4.8mm



Cemento Matt Series

4 Face



CLOUDY OLIVE

600x1200x4.8mm



Cemento Matt Series

4 Face





WOOD SERIES

- P Polished Glaze
- M Matt
- W Wooden



600x1200mm



CASTANO WOOD

600x1200x4.8mm W



Wood Series

4 Face



KRIPTON WOOD

600x1200x4.8mm W



Wood Series

4 Face



MONTREAL WOOD

600x1200x4.8mm W



Wood Series

6 Face



SOFT WOOD CHIVES

600x1200x4.8mm W



Wood Series

4 Face



SOFTWOOD BRWON

600x1200x4.8mm



Wood Series

4 Face



TIMBAR WOOD STRIP

600x1200x4.8mm



Wood Series

4 Face



TIMBER BEECH

600x1200x4.8mm



Wood Series

4 Face



TOSTED SAHARA

600x1200x4.8mm



Wood Series

4 Face





CARVING MATT SERIES

- P Polished Glaze
- M Matt
- W Wooden



BOSTON PEARL

600x1200x4.8mm M



Carving Matt Series



2 Face



BOSTON TAUPE

600x1200x4.8mm M



Carving Matt Series



2 Face



DIMOND BLUE

600x1200x4.8mm M

1 Face

Carving Matt Series



LYON

600x1200x4.8mm M



Carving Matt Series



4 Face



NEXION BLACK

600x1200x4.8mm



Carving Matt Series

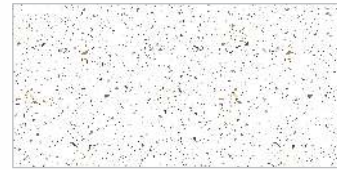
4 Face



STELLA-R1

600x1200x4.8mm

Carving Matt Series



2 Face



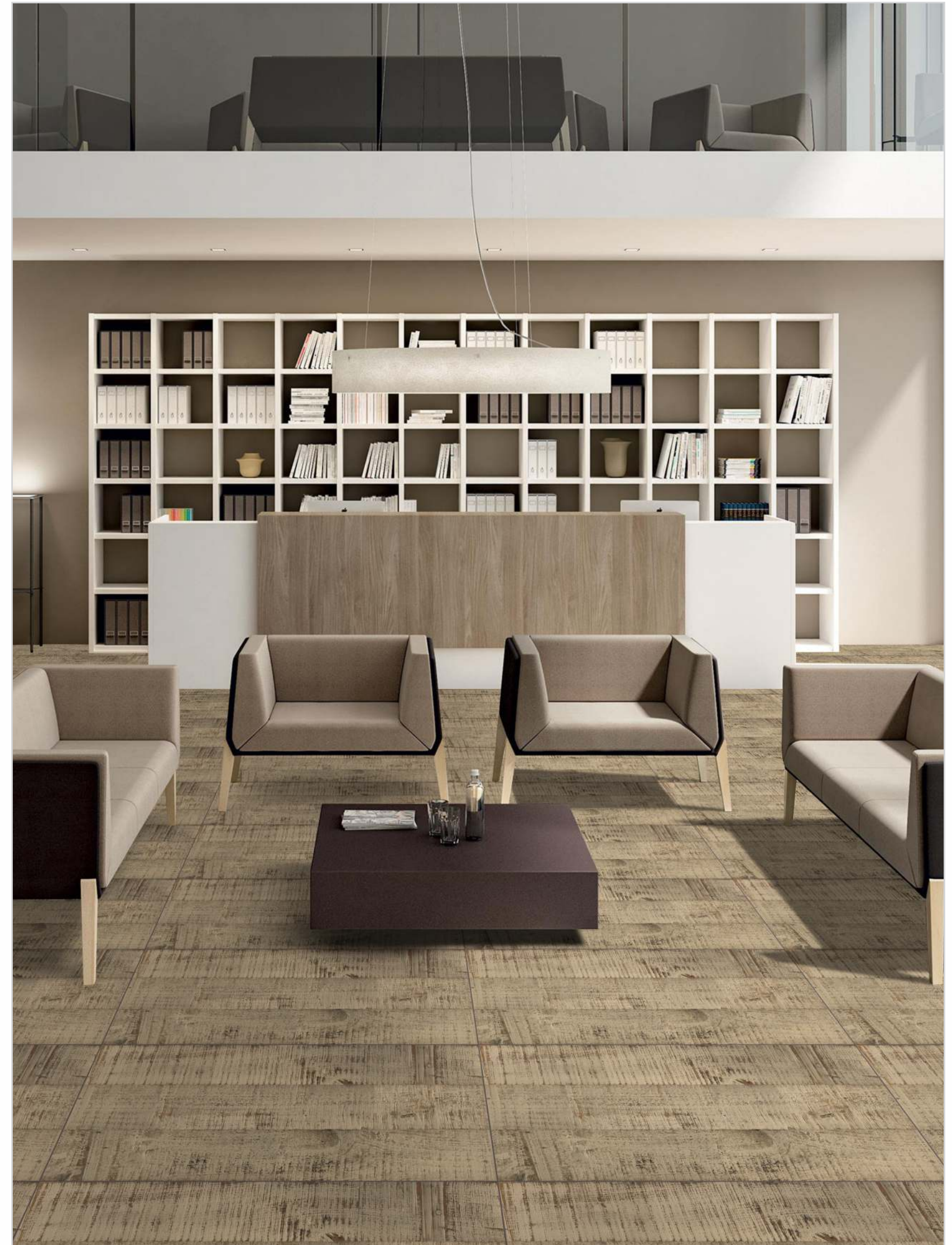
VENTO LIGHT

600x1200x4.8mm



Carving Matt Series

2 Face



Comparison of Indian Standard, ISO Standard and SILON slim tiles

NO.	ITEM	INDIAN INDEX	ISO INDEX	SILON Slim Tile
01	Water absorption (%)	Average Value ≤ 0.5	Average Value ≤ 0.5	≤ 0.08
02	Breaking Strength (N)	Average Value ≥ 600	Average Value ≥ 560	600
03	Modulus of Rupture (MPa)	≥35	≥35	40
04	Abrasive Resistance	≥ Grade 3	-	Grade 4
05	Resistance of thermal shock	Without Cracking and spalling after test	Without Cracking and spalling after test	Without Cracking and spalling
06	Resistance of crazing	Without Cracking and spalling after test	Without Cracking and spalling after test	Without Cracking and spalling after test
07	Frost Resistance	Without Cracking and spalling after test	Without Cracking and spalling after test	Without Cracking and spalling
08	Chemical Resistance	Not Lower than grade GB	Not Lower than grade GB	Grade GA
09	Stain Resistance	Not Lower than grade III	Not Lower than grade III	Grade 5
10	Limit of Radioactive Nuclear	Type A I _{ra} ≤ 1.0 I _y ≤ 1.03	-	Type A I _{ra} ≤ 0.40 I _y ≤ 0.89
11	Elastic limit (mm)	≥ 12	-	20
12	Anti-slip slope	≥ 12°	-	25°

Comparison of INDIAN Standard and SILON slim tiles Standard

NO.	ITEM	INDIAN INDEX	ISO INDEX	SILON Slim Tile	
01	Size and bias (mm)	Length	± 1.0	± 0.6	-1.0 --0.5
		Width	± 1.0	± 0.6	-0.28 --+0.65
		Thickness	± 0.3	-	-0.08 --+0.09
		Average Thickness	≤ 6.0	-	-4.72 -0.86
		Length difference of opposite side	≤ 1.0	-	0.8
		Length difference of opposite angles	≤ 1.5	-	1.0
02	Surface Quality	-	At least 95% of plate; no obvious defects in its main area.	-	no obvious defects

PACKING

The boxing of SILON slim tile should have solid and reliable shock absorption measures. In the process of transportation rain, water immersion and long-term exposure in sun should be avoided. Handle with care. Do not drop. When transporting SILON slim tile in bulk. Cross stand handling must be done, level carry is forbidden. SILON slim tile should be stored in solid, smooth and dry warehouse. Stacking height should be determined based on the strength of box.

Specification (mm)	PCS / Box	Sq. Meter /Box	KG/Box
1200x600	4	2.88	31 (Approx)

Application of Space.

Building space with certain functions. Only the space decorative with suitable method, it can meet people's unique living and spiritual needs. Therefore, the innovation of spatial function. Pattern and decoration is the greatest mission of SILON.

Facing with people's multi-dimensional and variable demands nowadays, we will integrate into products and space decoration and make static space active. In visible places: SILON slim tile won people's love and trust by its extraordinary quality; in invisible places. It is still seeking excellence, pays attention to every detail and makes its own qualities shine distinctively and brightly: There are always surprise when it exist!

Application Scope.

- (1) As the premise paving materials or components of environmental protection and energy conservation building.
- (2) As the decorative material for interior wall, exterior wall and floor of modern buildings.
- (3) As light and thin interval wall materials within modern building
- (4) As the surface material of furniture product and electronic products.
- (5) As the decorative material in special environment, it is anticorrosive, resists to acid and alkali, and prevents bacteria.

Operational conditions.

1. Before construction of surface engineering, the process with waterproof requirements should be completed; plaster. Water and electricity equipment pipes, doors and windows holes, stage cave, balcony etc. should be disposed.
2. Base should be smooth, solid and clean without cracks: clear water hollowing, sugaring, pitted surface and oil traces: dirt and other defects.
3. Powder layer and mould release agent on the back of slim tile should be cleared away.
4. Before sealant construction, the debris among cracks should be removed, wet crack with clean water.
5. The appropriate ambient temperature in thin set method is 5~35°C.
6. Outdoor surface engineering shall not be constructed in rain, snow or gale of grade five or above.