

DOUBLE
CHARGE
VITRIFIED TILES
600 x 600 mm

SPECTO[®]
CERAMICS

QUALITY AT
Affordability

DOUBLE
CHARGE
VITRIFIED TILES
600 x 600 mm

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SPECTO[®]

CERAMICS

NOT JUST FOR
SURFACES



VISION



At Italus, excellence is not a onetime effort, it's a custom to be followed on regular basis, and so we abide by all the necessary norms and deliver supreme quality resources. We will to continue doing so and attain success by being a market leader. Apart from that, we also desire to be recognized as one of the most fruitful employers for our team, along with being a productive patron for our associates.

MISSION



Expand our product portfolio as per the need and demand of the time •
Provide wholesome service platter to our customers •
Achieve desired growth in the stipulated span of time •

VALUES



Integrity- We serve our clients with supreme dedication and do not let our loyalty towards norms get affected at any cost.

Authenticity- We adhere to the idea of delivering best quality tiles and we are committed to this belief completely.

Stability- To serve tiles of unbeatable quality, we make use of certified resources and technology.

Customer satisfaction- Customers and their satisfaction make the base of our working pyramid.

Teamwork- We believe that teamwork delivers the best work and we encourage team spirit in our working processes.



600x600mm

Double charge vitrified tiles are popular amongst the masses due to their durability and strength. They are harder, denser and less porous than normal ceramic tiles. Even and symmetrical surface derived on these tiles, helps to spread the beauty of artistic designs. Besides, their polish too is equivalent to that of a marble which makes them a direct substitute of marble tiles, having altogether more strength and higher wear and tear resistance. Hence, these tiles are ideal for both indoor as well as outdoor applications for domestic, commercial and also for heavy traffic areas.



Zero
Maintenance



Eco
Friendly



100%
Replacement
for Italian Marble



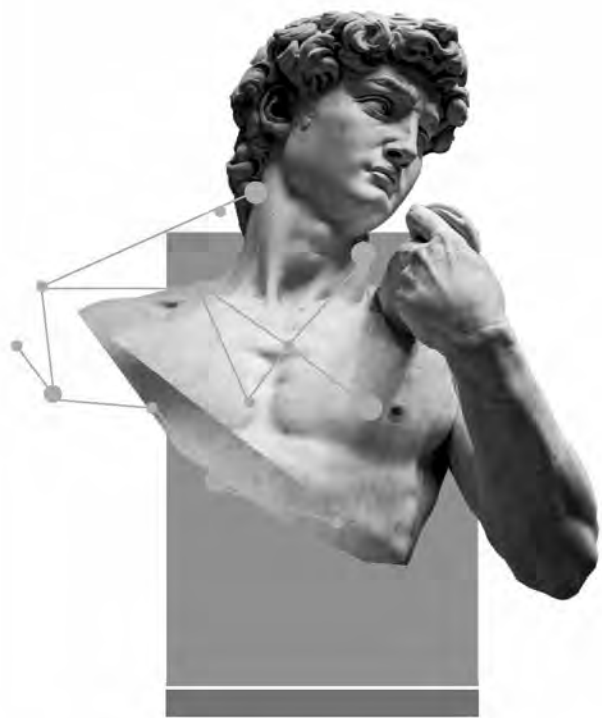
Low Water
Absorption



Ultra Polished
Nano Technology



Divine
Glossiness



THE FINEST ARCHITECTURAL CERAMIC TILES



600x600MM DOUBLE CHARGE

Double charge tiles offered by us are made using avant-garde technology and hence possess high durability and solid color composition. Their surface is polished meticulously giving the mirror like glare-free shine. A variety of design options are also available.

FINISHES

▲ GLOSSY

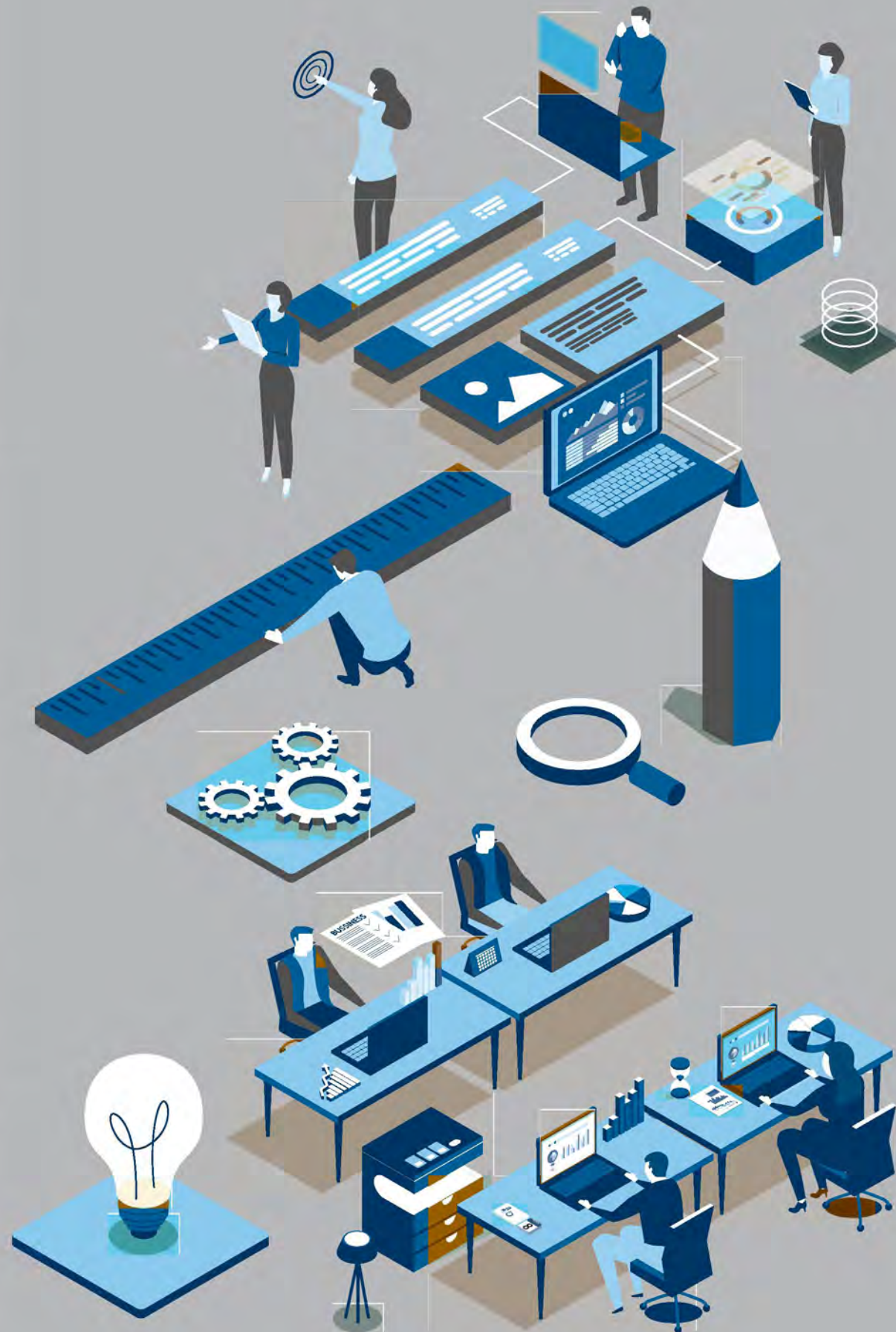
APPLICATIONS



BUSINESS PROCESS

PLANNING

VISION AND STRATEGY



SPECTO[®]

CERAMICS



PROJECT APPROACH

1 Vision & Strategy

DEFINITION OF GOALS AND SCOPE OF PROJECT

- Concept Analysis
- Changing Needs
- Budgeting
- Risk Analysis

2 Planning

REALISATION OF PROJECT

- Programme Planning
- Project and Construction Management
- Production and Purchasing Management
- Quality Management

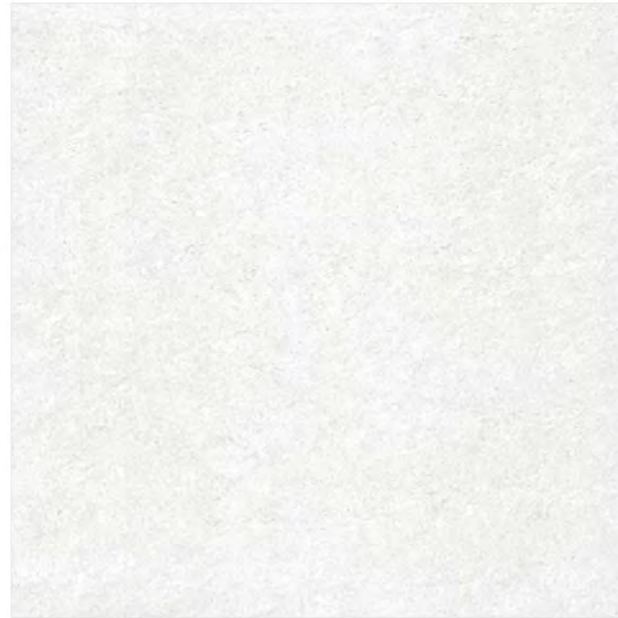
3 Business Process

REGULATED COMMISSIONING AND AFTERCARE

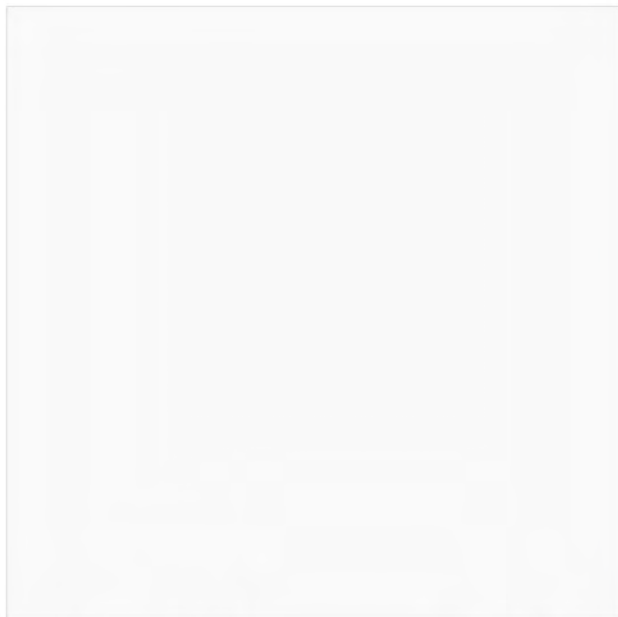
- Commissioning
- Aftercare
- Warranty
- Quality Assurance



CRYSTAL WHITE (L)



HAPPY WHITE (L)



HAPPY SNOW WHITE

(PLAIN WHITE)



HAPPY GOLD (L)





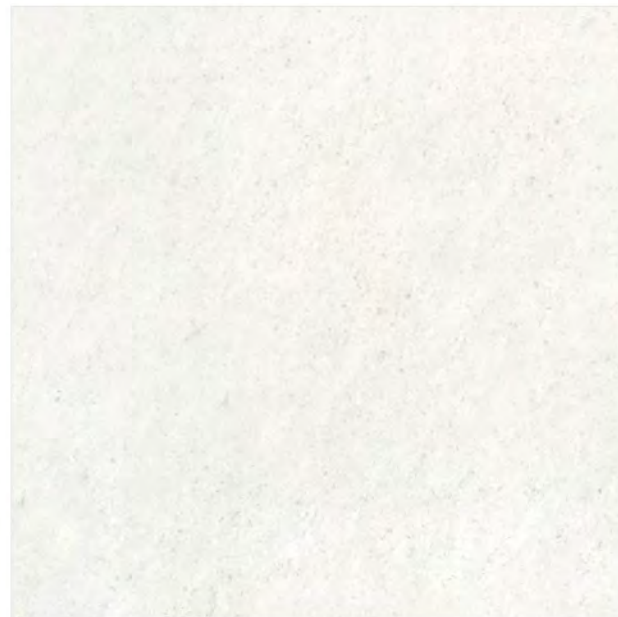
HAPPY BEIGE (L)



HAPPY ROSE (L)



HAPPY PEACH (L)



HAPPY PISTA (L)





HAPPY ARMANI (L)

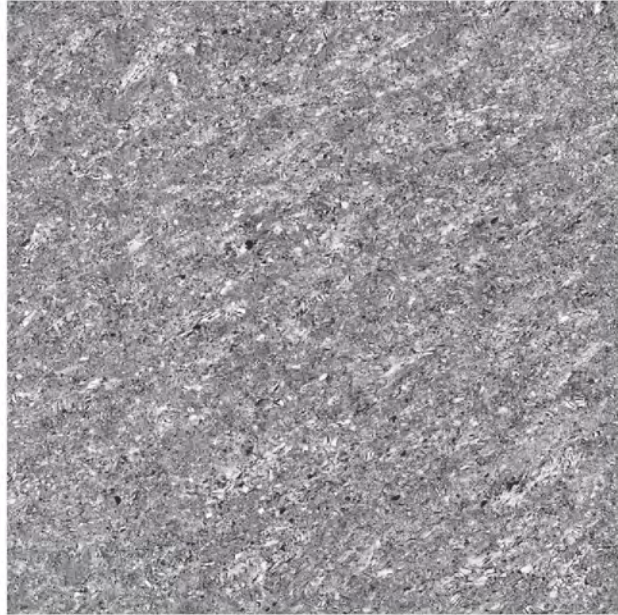


HAPPY AMBER (L)



600x
600mm

HAPPY
series



HAPPY GREY (D)



HAPPY CHERRY (D)



HAPPY CHOCO (D)



HAPPY ALMOND (D)





HAPPY SKY BLACK (D)



HAPPY KHAKHI (D)



HAPPY RED (D)



HAPPY BLACK (D)





AMAZON

SERIES

600x600mm
double charged vitrified tiles



Products that flaunt excellence
in aesthetics and efficiency

Italus has an extensive and versatile gamut of notable creation. Each of our products stands for best in class consistency and supreme aesthetics. They are developed under careful surveillance and can effortlessly boast of their high application potential.



AMAZON WHITE (L)

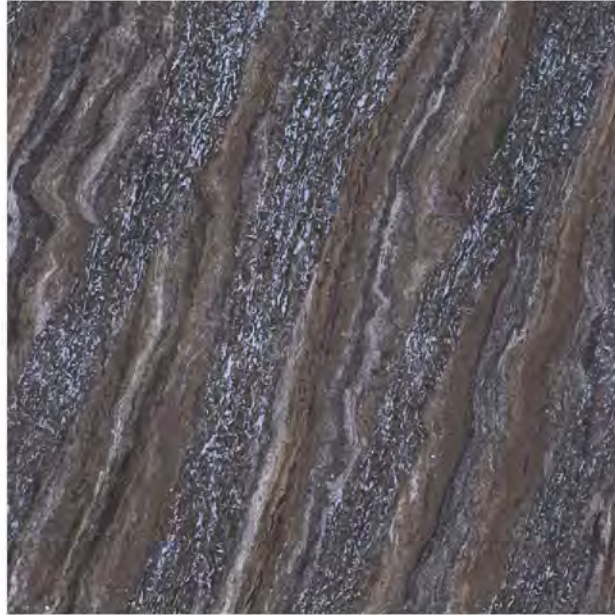


AMAZON BEIGE (L)

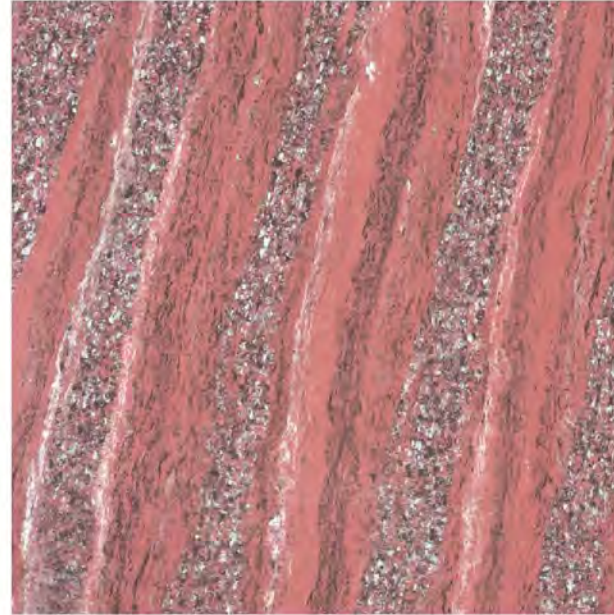


AMAZON CREMA (L)

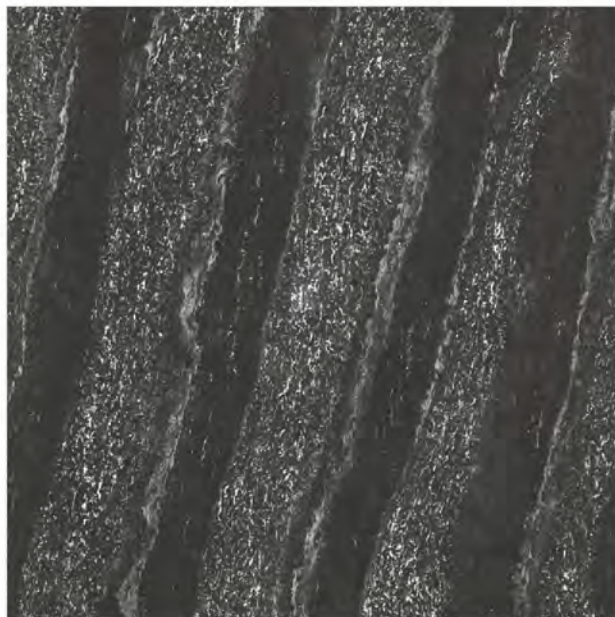




AMAZON SKY BLACK (D)



AMAZON RED (D)



AMAZON BLACK (D)



AMAZON GREY (D)



PRIDE

SERIES

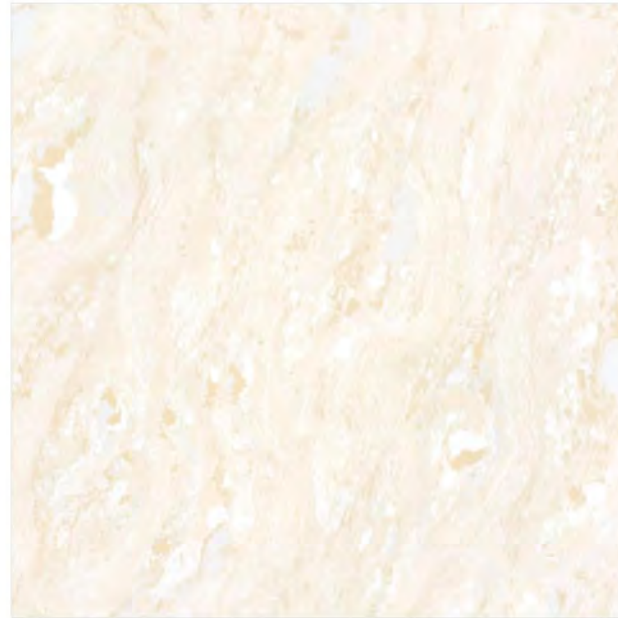
600x
600mm

DOUBLE CHARGE





PRIDE ARMANI (L)



PRIDE CREMA (L)

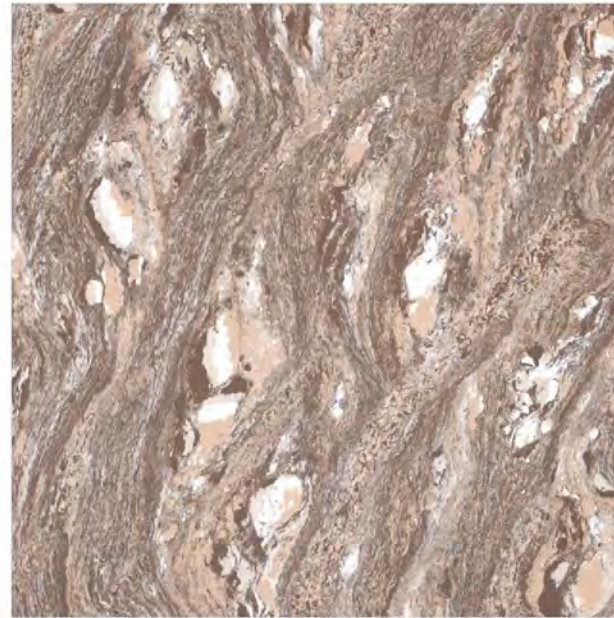


PRIDE WHITE (L)

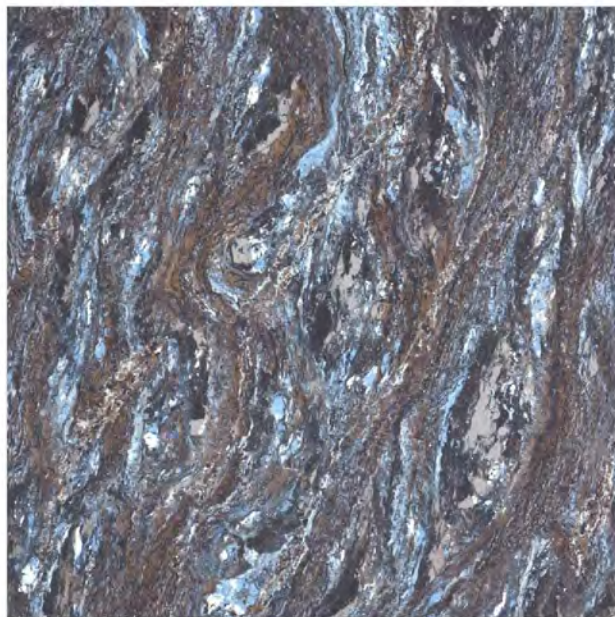




PRIDE GREY (D)



PRIDE CANVAS (D)



PRIDE SKY BLACK (D)



PRIDE BLACK (D)





LAYING INSTRUCTION

- Prepare base mortar with cement and sand in the ratio 1:4.
- Set the levels for floor (i.e. dead level or slope as specified by the Architect / Contractor).
- Prepare cement slurry i.e. mixture of cement and water to form a thick paste and spread it on the leveled base mortar.
- Wet the back side of the tile with water. Complete immersion of water is not required.
- If tiles are square or rectangular in shape, set the right angles for the area and place the first tile along the right angle lines and place it on base mortar. Tap gently only with a rubber or wooden mallet to obtain perfect levels.
- Clean the surface of the tile with clean water immediately after laying with wet sponge. Ensure the base mortar cement which squeezes through the joints does not settle on the tile. Also ensure that the water used is not hard to brackish.
- Do not use the area laid for at least 24 hours.
- Fill in the joints with pointing material which is a mixture of white cement and desired color pigment. For higher quality of finishes, You could use, if required, a polymer based cementitious tilling joint filler like Roffe rainbow. To get the desired color/shade, mix the same with water to form a smooth paste which should be applied to the joints, preferably with the use of rubber squeeze or rubber sheet. Do not apply the pointing material all over the surface.
- Allow pointing material to set for 15 minutes and then clean the surface of the tile with a clean wet sponge, removing the excess pigment on the tile surface.
- Wash the surface with soap water or mild detergent to obtain a clean surface and wipe it.

TECHNICAL SPECIFICATION

	CHARACTERISTIC	STANDARD AS PER ISO-13006/ EN14411 GROUP B1a	MAIN VALUE OF ITALUS DOUBLE CHARGE VITRIFIED TILES	TEST METHOD
Regulatory Properties	Deviation In Length & Width	± 0.50%	± 0.10%	ISO-10545-2
	Deviation In Thickness	± 5.00%	± 2.00%	ISO-10545-2
	Straightness of Sides	± 0.50%	± 0.10%	ISO-10545-2
	Rectangularity	± 0.50%	± 0.10%	ISO-10545-2
	Surface Flatness	± 0.50%	± 0.10%	ISO-10545-2
	Color Differences	Unaltered	No Change	ISO-10545-16
	Glossiness	As per Manufacture	Min.90 %*	Glossometer
	Surface Quality	Min.95% tiles should be free from visible defect	Conforms	ISO 10545-2
Structural Properties	Water Absorption	≤ 0.50 %	E ≤ 0.50%	ISO 10545-3
	Apparent Density	> 2.00 gm/cc	> 2.28 gm/cc	DIN 51082
Massive Mechanical Properties	Flexural Modulus Of Rupture	Min. 35N/mm ²	Min. 40N/mm ²	ISO-10545-4
	Flexural Breaking Strength	Min. 1300 N	Min. 2000 N	ISO-10545-4
	Impact Resistance	As Per Manufacturer	Min. 0.55	ISO-10545-5
Surface Mechanical Properties	Deep Abrasion Resistance	Max. 175mm ³	Max. 132mm ³	ISO-10545-6
	Moh's Hardnes	Min. 6	≥ 6 *	EN101
Thermo Hygrometric Properties	Frost Resistance	No. Damage	Frost Proof	ISO -10545-12
	Thermal Shock Resistance	No. Damage	No. Damage	ISO -10545-9
	Moisture Expansion	Declared Value	Nil	ISO -10545-10
	Thermal Expansion	Max.9.0 X 10 ⁻⁶	Max. 6.5 X 10 ⁻⁶	ISO -10545-8
Chemical Properties	Resistance of House Hold Chemical	No. Damage	No. Damage*	ISO -10545-13
	Stain Resistance	Resistance	Resistance*	ISO -10545-14
Safety Properties	Slip Resistance(friction Co Efficient)	>0.40	>0.40	ISO -10545-17

* Glossiness 90 % with Nano Technology, * With Nano Technology, * Except Hydrofluoric Acid & it's compound, * For Unpolished Vitrified Tile

PACKING DETAIL

Sr.No.	SIZE	NO. OF TILES PER BOX	COVERAGE AREA
01	600x600mm	4 Pic.	1.44 Sq.Mtr.

Note: Color Shown are as accurate as the limitations of the printing process will allow. Prospective customers are advised to inspect a sample of the tile before ordering. Every effort has been made to ensure the accuracy of the information given. However, the company reserve the right to change the specifications without prior notice. Sometime variations in shade or size being inherent to ceramic industry may occur. Before fixing, we advise you to follow the fixing instructions on the cartons of the tiles as no responsibility can be accepted by the company once the tiles have been fixed.