



ST TILE

sTILEng your dreams

A-CLASS SURFACES INTERNATIONAL

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The New Age Innovative Surfaces



Introducing

**1ST
TILE**
sTILEng your dreams

The New Age Innovative Surfaces

A-Class Surfaces International is adding the latest innovation by introducing 1st TILE to the world of architecture.

1st TILE offers a complete range of porcelain stoneware to style your interiors into dream abodes. To give it a natural texture and colour, these slabs are designed by using the finest clay material to enhance its gleaming effect and appearance.

Manufactured at the state-of-the-art production unit, these slabs are produced by using the latest Italian technology to make them durable and anti-resistant that conveys new concepts and ideas to the onlookers.

A
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FORMAT

1200 X 2400 mm

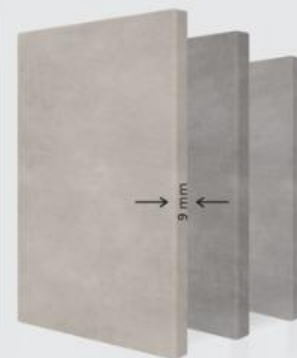
It is a perfect blend of the natural aesthetic and contemporary charm that comes in 1200 x 2400 mm format.

1200 mm

2400 mm

9 mm

Finally perfection can be measured in 9 mm thickness.



THICKNESS

FINISH



HONED

An awe-inspiring honed finish, to give a grandeur to your living space.



Flexible Body

The innovative slabs made from soft clay material are light weight as compared to conventional tiles, which makes them flexible, anti-bending and crack free.

Flooring : Antique Beige
Wall Cladding : Earthy Mist

COLLECTION



CARAMEL



TERRA BEIGE



EARTHY MIST



ANTIQUE BEIGE

Honed
1200 X 2400 mm



Italian Technology

For effective, time-saving engineering solutions, these slabs are made by Italian technology with Hi-Tech innovations to produce slabs in various sizes with innovative effects and semi-transparent colours.



Flooring : Caramel


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Interior And Exterior Applications

These surfaces are ideal for interiors and exteriors application in residences, hotels, hospitals, corporate offices, airports, theatres, industries, schools and other architectural spaces.



DREAMY GREY



DEEP EBONY



PEBBLE STONE



EARTHY BRONZE

Honed
1200 X 2400 mm

TECHNICAL SPECIFICATIONS - GLAZE VITRIFIED

SR. NO.	CHARACTERISTICS	INTERNATIONAL STD. ISO 13006 /EN 14411 GROUP B1a	SPECIFICATION	METHOD OF TESTING
REGULATORY PROPERTIES				
1	Length	(+/-)0.6%	(+/-)0.2%	ISO 10545-2
2	Thickness	(+/-)5%	(+/-)3.0%	ISO 10545-2
3	Straightness Of Sides	(+/-)0.5%	(+/-)0.2%	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
PHYSICAL CHARACTERISTICS				
8	Water Absorption	E(+/-)0.5%	(+/-)0.05%	ISO 10545-3
9	Moh's Hardness	(+/-)16	(+/-)16	ISO 10545-3
10	Moisture Expansion	Nil	Nil	ISO 10545-10
11	Abrasion Resistance	Declared By Manufacturer	Min Class 3	ISO 10545-7
MECHANICAL CHARACTERISTICS				
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 Identification or Cracking	ISO 10545-5
SAFETY CHARACTERISTICS				
15	Skid Resistance (Dynamic Friction Coefficient)	R10	R10	ISO 10545-17
16	Density	(+/-)2.0 Gm/cc	(+/-)2.1 Gm/cc	Dn 51082
THERMO PHOTO CHARACTERISTICS				
17	Thermal Shock Resistance	resistant To 10 Cycles	No Damage	ISO 10545-9
18	Frost Resistance	frost proof	No Damage	ISO 10545-12
19	Coefficient Of linear Thermal Expansion	9x10 ⁻⁶ K ⁻¹	< 6.5x10 ⁻⁶ K ⁻¹	ISO 10545-8
20	Color Resistance To UV Light	Resistant	Resistant	ISO 10545-16
CHEMICAL CHARACTERISTICS				
21	Chemical Resistance : HOUSEHOLD CHEMICALS & SWIMMING POOL SALTS	Min Class -GB Min Class-GLB	No Damage Confirm To Classes-GLA	ISO 10545-13
22	Chemical Resistance : LOW CONCENTRATIONS ACIDS & ALKALIS	Min Class- CHB	Confirm To Classes - GHA	ISO 10545-13
23	Chemical Resistance : HIGH CONCENTRATIONS ACIDS & ALKALIS	Min Class-3	Min Confirm To Class - 4	ISO 10545-14
24	Stain Resistance			
DIMENSIONS (MM)				
SLAB		AREA (SQ. MT.)	WEIGHT (APPROX)	AREA (SQ. FT.)
1200x2400	1	2.88	60 kgs	31 Sqft.



Resistance to Heat



9mm Thickness



Flexural Strength



Resistance to UV Rays



Stain Resistant



Hygienic and Scratch Resistant Surface



Frost Resistant



Lightweight



Chemical Resistant

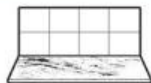


Waterproof Surface

SUGGESTED INSTALLATION GUIDELINES

1. Background

- Prepare the screed and make sure there are no cracks or other visible damages.



2. Handling and cutting of the material



- To handle large formats, it is recommended to use specific tools. For 1200x2400 mm or higher sizes, it is recommended to use transport carts.
- To avoid accidental bumps, it is recommended to transport the material keeping it in its boxes, if available.
- For the cutting of large slabs it is recommended to use one of the various types of dry cutters on the market. Using other tools you may experience chipping or breakage the material. If the cutter blade is damaged or too worn, the risk to realize not optimized cuts will grow.

3. Applying the adhesive

- The adhesive must be applied both on the back of the slab and on the screed. Also for this operation, it is recommended to use specific tools. Otherwise, there's the risk of doing non homogeneous drafting, causing the creation of air bubbles that could compromise the installation.



4. Joints



- A 2mm joint space is suggested for all sizes.
- For slabs, 2mm joint is strongly recommended, as well as proper positioning of spacers on floor sides.

5. Use Of Levelers During The Installation

- For optimum surface performance, it is strongly recommended to use a floor leveling system.
- This solution also acts as a spacer for joints, thus contributing to make the installation more accurate.



6. Grout finishing



- It is recommended to use epoxy grout in a colour in tint with the product. A table with colour suggestions is available in the installation manual.

7. First cleaning after installation

- Once the installation is complete, it is recommended to use specific detergents for the first surface cleaning. If epoxy grout have been used, it is absolutely necessary to clean the surface before the grout is dry. Otherwise there is the risk that the grout residues will stain the product indelibly.

